

2016-2017 Catalog

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About this Catalog

Roane State reserves the right to make changes as required in course offerings curricula, academic policies and other rules and regulations affecting students to be effective whenever determined by the institution. This catalog is not intended to state contractual terms and does not constitute a contract between the student and the institution. The most current edition of this catalog can be found at <http://www.roanestate.edu>. Enrollment of all students is subject to these conditions.

Roane State Community College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the associate degree. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Roane State Community College.

Locations

Campuses

Main Campus	276 Patton Lane
Roane County	Harriman, TN 37748 (865) 354-3000 1-866-GO2-RSCC Fax (865) 882-4562 http://www.roanestate.edu
Oak Ridge Branch Campus	701 Briarcliff Avenue Oak Ridge, TN 37830 (865) 481-2000 1-866-GO2-RSCC ext. 2100
Campbell County Center	201 Independence Lane LaFollette, TN 37766 (423) 562-7021 1-866-GO2-RSCC ext. 4534
Cumberland County Center	2567 Cook Road Crossville, TN 38571 (931) 456-9880 1-866-GO2-RSCC ext. 4532
Fentress County Center	114 Dragon Drive Jamestown, TN 38556 (931) 752-8320 1-866-GO2-RSCC ext. 4625
Knox County Center for Health Sciences	132 Hayfield Road Knoxville, TN 37922 (865) 539-6904 1-866-GO2-RSCC ext. 2323
Loudon County Center	100 W. Broadway, Suite 131 Lenoir City, TN 37771 (865) 986-1525 1-866-GO2-RSCC ext. 4670
Morgan County Center	150 Longview Drive Wartburg, TN 37887 (423) 346-8700 1-866-GO2-RSCC ext. 4664

**W.H. Swain
Scott County
Center** 410 W.H. Swain Boulevard
Huntsville, TN 37756
(423) 663-3878
1-866-GO2-RSCC ext. 4694

Additional Locations

**Channel 15
Television
Station** 419 North Roane Street
Harriman, TN 37748
(865) 354-3000 ext. 4429

**Clinton Higher
Education
and Workforce
Training
Facility** 214 Nave Street
Clinton, TN 37716
*Student services such as enrollment and financial aid
are not available at this location.*

**Cumberland
Business
Incubator** 2569 Cook Road
Crossville, TN 38571
(931) 456-4910

**Princess
Theatre** 421 North Roane St.
Harriman, TN 37748
(865) 882-4633

**Tamke Allan
Observatory** 334 Caney Creek Road
Rockwood, TN 37854
(865) 927-5155

General Information

List of Academic Programs

Associate of Arts (A.A.) Tennessee Transfer Pathways

Art (Studio)
Criminal Justice
Economics
English
Foreign Language
History
Mass Communications
Political Science
Psychology
Sociology
Theatre Arts

Roane State Areas of Emphasis (A.A.)

Computer Art and Design
General Studies
Social Work

Associate of Science (A.S.) Degree Program Tennessee Transfer Pathways

Accounting
Biology
Business Administration
Chemistry
Civil Engineering
Computer Science
Criminal Justice
Economics
Exercise Science
History
Information Systems
Kinesiology
Mass Communications
Mathematics
Mechanical Engineering
Physics
Political Science
Pre-Occupational Therapy
Pre-Physical Therapy
Pre-Health Professions
Psychology
Sociology
Theatre Arts

Roane State Areas of Emphasis (A.S.)

Agriculture
Computer Art and Design
Forestry
General
Physical Science
Pre-Engineering
Pre-Law

Pre-Nursing
 Secondary Education
 Social Work
 Special Education
 Wildlife and Fisheries

Associate of Fine Arts (A.F.A.) Degree Program
 Music

Associate of Science in Teaching (A.S.T.) Degree Program
 K-5 Elementary Education
 PreK-3 Early Childhood Education (TN Transfer Pathway)

Associate of Applied Science (A. A. S.) Degree Programs

Allied Health Sciences
 Business
 Accounting Option
 Business Administration Option
 Management Option
 Computer Science Option (phasing out - August 2018)
 Computer Information Technology- Programming
 Contemporary Management
 Criminal Justice
 Dental Hygiene
 Early Childhood Education
 Environmental Health Technology
 Financial Services
 General Technology
 Geographic Information Systems Technology
 Health Information Technology
 Mechatronics
 Medical Informatics
 Nursing (RN)
 Occupational Therapy Assistant
 Opticianry
 Paralegal Studies
 Physical Therapist Assistant
 Radiologic Technology
 Respiratory Therapy Technology
 Surgical Technology

Technical Certificate Programs

Computer Science
 Early Childhood Education
 Geographic Information Systems
 Mechatronics

Allied Health Science Certificates

Advanced Emergency Medical Technician
 Diagnosis & Procedural Coding
 Emergency Medical Technician
 Healthcare Documentation Specialist
 Massage Therapy
 Paramedic
 Pharmacy Technician
 Polysomnography

Accreditation

Roane State Community College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Roane State Community College.

The college's career preparation programs are accredited as follows:

Business Management Technology

Accreditation Council for Business Schools and Programs (ACBSP)

Contemporary Management

Accreditation Council for Business Schools and Programs (ACBSP)

Dental Hygiene

Commission on Dental Accreditation (CODA)

Early Childhood Education

National Association for the Education of Young Children (NAEYC)

Emergency Medical Technician/Paramedic

Committee on Accreditation of Educational Programs for the EMS Professions (CoAEMSP) and the Commission on Accreditation of Allied Health Education Programs (CAAHEP)

Health Information Technology

Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM)

Massage Therapy

Commission on Massage Therapy Accreditation (COMTA)

Nursing

Accreditation Commission for Education in Nursing (ACEN)

Occupational Therapy Assistant

Accreditation Council for Occupational Therapy Education (ACOTE)

Opticianry

Commission on Opticianry Accreditation (COA)

Pharmacy Technician

American Society of Health System Pharmacists (ASHP)

Physical Therapist Assistant

Commission on Accreditation in Physical Therapy Education (CAPTE)

Polysomnography

Committee on Accreditation for Polysomnographic Technologist Education (CoAPSG) and the Commission on Accreditation of Allied Health Education Programs (CAAHEP)

Radiologic Technology

Joint Review Committee on Education in Radiologic Technology (JRCERT)

Respiratory Therapy Technology

Commission on Accreditation for Respiratory Care (CoARC)

Surgical Technology

Commission of Accreditation Commission on Accreditation on Allied Health Education (CAAHEP)

Statement of Mission and Purpose

Roane State Community College's vision is to be a premier learning institution that transforms lives, strengthens community, and inspires individuals to excellence.

Mission Statement

Roane State Community College is a comprehensive, public, two-year postsecondary institution serving the higher education needs of a diverse eight-county service area, which includes Roane, Anderson, Campbell, Cumberland, Fentress, Loudon, Morgan, and Scott counties and expands to include Knox and Blount counties for the delivery of a broad range of health science programs. Roane State provides multiple staffed teaching locations and a wide range of flexible teaching delivery modes and distance education technologies to accommodate the diverse learning needs of students balancing multiple priorities in the pursuit of their educational goals.

The college awards the Associate of Arts, Associate of Science, or Associate of Science in Teaching degree for students who wish to transfer to a four-year institution and provides career education for Associate of Applied Science degree or Technical Certificate graduates to enter the workforce. Roane State also upgrades employee skills with a wide range of continuing education and workforce development training offerings, provides a pathway to postsecondary education for high school students through dual studies, and brings cultural, educational, and recreational opportunities to its communities.

Regardless of their program of study, Roane State students are provided a sound foundation in critical thinking and communication skills and exposed to a curriculum and experiences designed to broaden their understanding and respect for wellness, civic engagement and service, diverse ideas and cultures, a sense of the global community, and the technology required to succeed in 21st century society.

Roane State's mission is to improve the lives of individuals through the transformative power of education and to build thriving communities through partnerships for strengthening economic development. Just as Roane State expects its students to challenge themselves to engage in lifelong learning, the college accepts the challenge to sustain a culture of innovation and to continually explore new ways to provide an educational experience that meets the current and future needs of its service area communities.

Values Statement

The college community affirms as its highest values honesty, integrity, respectful communication, and a commitment to personal and professional accountability and measures its institutional success by the success of its students.

College History

Roane State's Beginnings

Beginning with the Pierce-Albright Report in 1957, which resulted in a \$200,000 appropriation by the Tennessee General Assembly in 1963 to initiate the community college system, the philosophy of community colleges in Tennessee has been to provide higher education for all Tennessee residents. The first three community colleges were established in 1965, with one in each of Tennessee's three grand divisions—Cleveland State in East Tennessee, Columbia State in Middle Tennessee, and Jackson State in West Tennessee. Additional community colleges opened in Dyersburg and Tullahoma in 1969. The sixth community college opened in Morristown in 1970.

In 1969, the General Assembly, upon the recommendation of Governor Buford Ellington and the state Department of Education, authorized three additional community colleges to be built in Sumner, Roane, and Shelby counties. After visits by Commissioner J. Howard Warf and other officials from the state Department of Education in 1969, a site on Patton Lane was chosen as the permanent location of Roane State Community College.

Facilities Growth

RSCC opened in temporary quarters at the former Fairmont Elementary School in Harriman in the fall of 1971. In the fall of 1973, the college moved into its first permanent building on the main campus in Roane County.

Groundbreaking for the second building on the Roane State campus was held in January 1977. This three-story Technology Building was occupied in December 1978.

Construction on Campus Expansion Phase II began in June 1978. The Maintenance Building was completed in June 1979, and the Library/Learning Resource Center in September 1980. In addition to reference and audio-visual services, the center houses Distance Learning and the Center for Teaching Arts and Technology. A branch campus at Hardin Valley Road and Pellissippi Parkway was occupied in the fall of 1986. This campus was shared with a sister institution in Knox County.

With the establishment of Pellissippi State Technical Community College in the fall of 1988, Roane State moved its Oak Ridge campus to new sites in Oak Ridge.

Phase I of the East Tennessee Agricultural Exhibition Center was completed in 1988 at the Roane County campus. Phase II was completed in 2000. The facility continues to host a variety of agricultural, civic and community events.

In June of 1994, Roane State held a dedication ceremony for its first permanent Higher Education Center at the new facility in Huntsville. The Scott County Center was named after Earl McDonald, a former Scott Countian who generously provided a \$1 million gift to help build the new campus. The center's library was named after Scott County native Howard H. Baker, Jr., former senator and chief-of-staff for President Reagan. Baker's memorabilia and world-renowned photographs are displayed throughout the facility. The 15,000-square-foot center is situated on 37 wooded acres provided by W.H. Swain.

In August of 1994, the college held its long-awaited groundbreaking for the new \$6.3 million Humanities Building. Final approval of funding for the building came after 13 years of support by community and political

leaders. The Humanities Building was opened for classes in the spring of 1997.

In December of 1998, Roane State held a dedication ceremony for its second permanent Higher Education Center in Crossville. The Cumberland County Center was named after Roy and Joanne Stone. The Stones donated the 40-acre tract of land for the new center and made significant financial contributions as well. The center's library was named after the Cumberland Clinic Foundation in honor of this organization's significant financial contribution.

Roane State occupied a new facility in Knox County to accommodate Health Sciences education that Roane State provides in the expanded service area of Knox and Blount counties. The facility houses classrooms for nursing, respiratory therapy, polysomnography, and EMT/paramedic programs.

Another hard-won dream of the college became a reality when the Oak Ridge Branch Campus celebrated the dedication of its permanent, state-of-the-art, 120,000 square foot facility on August 13, 1999. The building is named in honor of State Senator Randy McNally and former State Representative David Coffey in recognition of their contributions and leadership in the campaign for the permanent Oak Ridge Branch Campus. The campus's Goff Health Sciences and Technology Building, named for former Roane State President Dr. Gary Goff, was completed in 2014.

In October 2001, dedication ceremonies were held to celebrate the opening of a multi-million dollar facility in which Roane State leases space for the Loudon County Higher Education Center. The college shares this facility with the Loudon County Career Center and the Lenoir City Public Library. City and county officials worked closely with the college to make this valuable community resource a reality after a 1999 fire destroyed the downtown block in Lenoir City where the center now stands.

In November 2004, a ribbon-cutting ceremony was held to celebrate the opening of the Fentress County Higher Education Center in Jamestown. The facility is located on property leased from York Institute and consists of five portable units provided by the Fentress County Board of Education. A bronze plaque was presented to Guy and Claudine Pinckley for their effort in providing most of the financial resources necessary to make the center a reality.

In 2005, the Campbell County Higher Education Center was completed. This 18,000 sq. ft. building in Lafollette replaced the college's leased center in Woodson's Mall. Thanks to a bequest by Lillian Michaelis and a land gift by Ed Wheeler, Campbell County now enjoys a permanent college campus.

In spring 2008, the Morgan County Higher Education Center opened thanks to the support of Wayne and Margaret Solomon whose significant financial contributions made the campus possible. Lawrence and Eva Hines gave the college the land on which the campus is located.

In July 2011, the \$1.28 million Cumberland Business Incubator (CBI) opened on the Cumberland County campus. Financing for the CBI was supported with federal, state and local resources. The Cumberland County Commission and Crossville City Council each committed \$250,000 for the construction of the CBI. In addition, Roane State received an \$880,000 grant from the U.S. Commerce Department's Economic Development Administration.

In May 2013, Roane State hosted a ribbon-cutting ceremony at the Clinton Higher Education and Workforce Training Facility. Roane State

had begun offering courses in advanced manufacturing there earlier that year along with courses in continuing healthcare education and industrial safety courses.

Student Population Growth

Roane State was projected to be the second or third smallest two-year state college when it opened its doors in the fall of 1971 – enrolling 323 students in 35 classes taught by 20 faculty. Over the years, the college enjoyed a consistently upward trend in enrollment with two notable student growth areas - off-campus and distance learning. Roane State now serves more than 6,000 students who are enrolled for credit and thousands more who take various non-credit courses or participate in seminars, workshops, cultural activities, exposition events and special educational services offered by the college.

Dual Studies

Dual studies classes allow high school students to earn college credit and high school credit at the same time. Roane State first offered these courses in 1997. The college's program, called First Class, has experienced tremendous growth. Approximately 1,200 students take dual studies classes at Roane State.

International Education

The college has made tremendous strides in preparing students to live and work in a global society. In 2008, the college brought in its first large group of visiting international students and has since welcomed many more. Roane State has also expanded international travel opportunities for students. Destinations have included Denmark, France, Italy, England, Ecuador and other countries.

Technology

In 1992, Roane State became the first Tennessee community college to offer classes through live video teleconferencing, and in 1996, RSCC offered its first Web classes. The college has continued to expand the number of courses offered through live video teleconferencing and online. In 2008, the college received a grant to add video classroom technology into area high schools, allowing students to take RSCC courses in their own high schools. Roane State made wireless Internet available on all campuses in 2011, and the college has expanded its use of mobile technology to enhance student learning. Roane State created its first mobile app in March 2013.

Grant Funding

Roane State, with the help of many partners, has been awarded several grants to support education initiatives in the college's service area. For example, grants have supported the college's efforts to offer training in advanced manufacturing such as composites and mechatronics. Roane State continues to succeed in winning grants and implementing grant-funded projects.

The Presidents of Roane State

In May of 1970, Dr. Cuyler A. Dunbar was selected as the first president of the college.

With 18 years of service to the college, President Dunbar left Roane State in 1988 to assume the presidency of Catawba Valley Community College in Hickory, North Carolina.

Dr. Sherry L. Hoppe was appointed on an interim basis and later named as Roane State's second president in spring 1989.

In February 2000, Dr. Sherry Hoppe accepted an appointment as interim president at Austin Peay State University and was selected as the university's permanent president in January 2001. During this period, Vice President for Financial Services William S. Fuqua, III served as interim president of Roane State.

On October 15, 2001, Dr. Wade B. McCamey became Roane State's third president. In August of 2005, Dr. McCamey accepted the presidency of Walters State Community College in Morristown.

Dr. Gary Goff became Roane State's fourth president on August 19, 2005 after serving as an academic dean and vice president for business at Hillsborough Community College in Tampa, Florida. He retired on October 31, 2012.

Dr. Chris Whaley became the college's fifth president on November 1, 2012 after serving as the college's vice president of student learning/chief academic officer.

Milestones

1974	The college was accredited by the Southern Association of Colleges and Schools to award the associate degree.	1996-97	The Tamke-Allan Observatory was completed in June on the Schweinler property overlooking Watts Bar Lake.
1976	77% of all students were taught on-campus.	1996-97	RSCC offered its first classes on the World Wide Web.
1979	40% of all enrollment was off-campus.	1997	Roane State first offered dual studies classes.
1980-81	Roane State became the fourth-largest Tennessee community college.	1998	The Cumberland County Higher Education Center opened.
1981	The governor stated that Roane State Oak Ridge and State Technical Institute at Knoxville should share a location on the Technology Corridor.	1998	The Knox County Center for Health Sciences opened.
1981-82	Roane State became the third-largest Tennessee community college, by FTE.	1999	The Oak Ridge Campus opened.
1983-84	Women's basketball team won the national championship, the first for a two-year Tennessee college.	2001	The Loudon County Higher Education Center opened.
1985-86	Roane State became the second-largest Tennessee community college with 40% of its enrollment off-campus.	2004	The Fentress County Higher Education Center opened.
1989	All faculty and staff offices were equipped with a personal computer or terminal.	2005	The Campbell County Higher Education Center completed.
1989-90	Roane State became the first college in Tennessee to have electronic telephone registration.	2005-06	For an unprecedented fourth year, RSCC earned a perfect 100 points on the THEC Performance Funding Program evaluation.
1990-91	RSCC has more health science programs than any other two-year college in Tennessee.	2005-06	Career education programs had a 96% placement rate.
1990-91	The college won the AACJC Exemplary Program and Services Award for Excellence of Off-campus Higher Education Centers.	2005-06	RSCC students rated their entire educational experience higher than state or national peers.
1991-92	Telecourse programming began with two video courses in the fall and three more in the spring. A total of 250 students enrolled.	2005-06	All former past presidents came "home" to kick off the college's celebration of 35 years of academic excellence.
1992-93	The first distance learning (IDEA) classrooms to be offered by any Tennessee community college were installed. By 1995, with five compressed video classrooms, RSCC became the largest user of this technology among TBR community colleges.	2006-07	Over \$14 million was awarded in student financial aid.
1994	Scott County Higher Education Center opened	2007	Bromma Pemberton Linville and Bill Swain, major benefactors of the college's Scott County campus, became the first people to receive honorary degrees from Roane State.
1994-95	E-mail access became available to all RSCC students.	2007-08	Morgan County Center for Higher Education opened.
		2008-09	Roane State received \$265,000 federal grant to add new interactive classrooms at area high schools and RSCC campuses.
		2009	Roane State posted the highest retention rate of all community colleges in Tennessee, according to data from the Tennessee Board of Regents.
		2009	Roane State established a college police department and named Matt Foster as its first Director of Public Safety and Chief of Police.
		2009	The college received an \$880,000 federal grant for the Cumberland Business Incubator (CBI), paving the way for construction to begin.
		2009	The Tennessee Board of Regents awarded an Academic Excellence Award to Roane State for the college's annual Academic Festival.
		2009-10	Roane State experienced record enrollment with over 6,300 students attending.
		2010	The college received a \$2.86 million federal grant to support educating workers in advanced materials technician-level training.
		2010	Roane State completed its fundraising campaign to support expansion of the college's Oak Ridge campus.
		2010	Roane State broke ground on the Cumberland Business Incubator at the Cumberland County campus.
		2010	The Commission on Colleges of the Southern Association of Colleges and Schools reaffirmed Roane State's accreditation.
		2010	The Oak Ridge campus expansion received final approval from the Tennessee Board of Regents.

- 2011 According to the Tennessee Higher Education Commission 2010-2011 Factbook, Roane State had the top 2009-2010 job placement rate (97 percent) of any community college in the state.
- 2011 Channel 15 television station, created by Roane State and the City of Harriman, went on the air and became a key component of the college's new mass communications program.
- 2011 The Cumberland Business Incubator (CBI) at the Cumberland County campus opened.
- 2011 Roane State received two grants to help train workers in high-tech fields such as composite materials technology and mechatronics.
- 2011 Roane State made wireless Internet available on all campuses.
- 2012 Roane State ranked 27th among the nation's top 500 community colleges and No. 1 in Tennessee, according to StateUniversity.com.
- 2012 Dr. Jill Biden, wife of Vice President Joe Biden, and U.S. Secretary of Labor Hilda Solis visited with Roane State faculty, staff and students as part of the Community College to Career bus tour.
- 2012 The renovated Princess Theatre in downtown Harriman, which is operated by Roane State, opened.
- 2012 The college broke ground for the new Goff Health Sciences and Technology Building at the Oak Ridge campus.
- 2012 Chris Whaley was named Roane State's fifth president on Nov. 1, succeeding Dr. Gary Goff, who retired Oct. 31.
- 2012 Middle Tennessee State University and Roane State Community College signed agreements that created dual admissions, concurrent enrollment and reverse transfer options between the college and the university.
- 2012 A consortium led by Roane State received a \$12.6 million federal grant to offer more training for health care careers and to provide support students need to complete their degrees. The grant program was called Rx-Tennessee.
- 2013 Roane State began offering courses at the Clinton Higher Education and Workforce Training Facility.
- 2013 Roane State created its first mobile app in March 2013.
- 2014 The Goff Health Sciences and Technology Building at the Oak Ridge campus was completed.
- 2014 Roane State launched Middle College, a program in which high school students could earn their diploma and associate degree at the same time.
- 2015 Roane State was selected into the Achieving the Dream National Reform Network.
- 2016 For the first time, Roane State broke the 1,000 mark in graduates for an academic year.

Glossary

Add deadline - The latest date in a semester to add a course to a student's class schedule.

Admission – The process of being admitted to Roane State allowing you to register for classes. Completion of the admissions process does not constitute registration for classes.

Admissions file – The documents collected for admission to the college. These documents include application, transcripts, test scores, immunization record, and any other information required by the Admissions or Records and Registration Offices.

Advisor – A full-time faculty member who meets with designated students to help make curriculum choices and discuss progress toward achieving educational goals.

Articulation agreement – A document that outlines the curriculum agreed to by Roane State and a four-year college or university to satisfy the degree requirements at Roane State and at the receiving four-year institution.

Associate's degree – An associate's degree is awarded to students after completion of a core curriculum. Students completing options in University Parallel (transfer) programs receive the Associate of Science (A.S.), Associate of Arts (A.A.), Associate of Fine Arts (A.F.A.), or Associate of Science in Teaching (A.S.T.) degree. Students who complete options in Career Preparation programs receive an Associate of Applied Science (A.A.S.) degree.

Audit – Taking a course but not for credit. Students pay required fees and attend class but are not required to complete assignments or take exams.

Budget - The allotted amount a student can receive if receiving financial aid.

Career Preparation – An Associate of Applied Science degree program for students who wish to seek employment after completing two years of college work.

Census - 14th calendar day of each semester. Financial aid awards (for files that have been verified) are based on enrollment status at time of census date.

Compass Test – An assessment to identify a student's academic strengths and weaknesses in reading, writing, and mathematics. This information is used to provide advisement and placement in courses that best help the student improve skills in these areas, as well as study skills.

Corequisite – A course that is required to be taken simultaneously with another.

Course – A subject or class in which instruction is offered within a given period of time for a semester and for which credit toward a degree is given.

Course load – The total number of semester hours or credit hours in which a student is enrolled for a semester.

Credit hour – One hour of classroom study per week over the period of a semester.

Curriculum – The whole body of courses offered for study by the college or by a particular department.

Drop deadline – The latest date in a semester to add or drop a course from a student’s class schedule.

Elective – A subject or course that is accepted toward fulfillment of credit for a degree or certificate but is not specifically required for that degree or certificate. So termed because a student elects or chooses to take the course.

Enrollment Verification for Entitlements Act (EVEA) - Tennessee House Bill 1379/Senate Bill 1325 requires that any applicant to a college or university that receives funding from the State of Tennessee and is classified as “In-State” for tuition purposes will be required to provide proof of U.S. Citizenship or proof of Permanent Resident Status.

Full-time student – A student enrolled in 12 or more credit hours of coursework per semester.

Grant – Financial aid that does not have to be paid back.

High School Equivalency (HSE) - A certified diploma which is equivalent to a regular high school diploma. Acceptable tests are the GED and the HiSET.

Humanities – Any course at Roane State in art, literature, humanities, music, philosophy or theatre.

Learning Support – Foundation courses in English, math, reading, and study skills designed for students who are not fully prepared for college level courses. Placement in Learning Support courses is determined by ACT, SAT or Compass test scores.

Loan – Financial aid that must be paid back, usually within a specified time.

Major – The academic area offered by Roane State in which one specializes.

NSO - New Student Orientation

Part-time student – A student enrolled in less than 12 credit hours of coursework per semester.

Physical/Natural Science – Any science that deals with phenomena observable in nature – biology, chemistry and physics.

Prerequisite – A course requirement to be completed or a level of skill or knowledge to be demonstrated prior to enrollment in a course or program.

Probation – The status of students when their cumulative GPA drops below college standards. Students may still enroll while on probation.

RaiderNet - Students’ one-stop hub for all of their college-related business. Students use RaiderNet to access course registration, financial aid information, e-mail and other services

Readmit – An Admissions form students must fill out if they have not attended Roane State for one or more semesters.

R# - A unique computer generated student identification number.

Registration – The process of officially enrolling in one or more courses. Students must be admitted to Roane State before they can register for

classes.

Residency - 1. Refers to whether or not a student qualifies for in-state maintenance fees. 2. Refers to the amount of coursework that must be taken at Roane State in order to receive a degree or certificate from the college.

Satisfactory Academic Progress (SAP) - An appeal needed by students who have reached maximum hours (90 or more) at a community college level or those who are/have been on financial aid probation for low grades/GPA.

Semester – A period of instruction lasting 15 weeks at Roane State. Two semesters, fall and spring, ordinarily compose a college year. The third semester, summer, is optional and may be used as a time to catch up or get ahead.

Social Science – Any course at Roane State in anthropology, economics, geography, political science, psychology, or sociology.

Suspension – The status of students when their cumulative GPA drops below Roane State’s standards for two consecutive semesters. Students may not enroll while on suspension.

Transcript – An official record of academic history including coursework and grades.

University Parallel – Major programs of study designed primarily for students who wish to transfer to a four-year college or university and complete a baccalaureate degree. The credits earned from these programs lead to the A.S. or A.A degree.

Withdrawal - Officially dropping a course(s) for a given term. This action is to be completed before the published “Last Day to Withdraw” during the given semester.

Tennessee Board of Regents

Personnel / Faculty Staff

Board of Regents of the State University and Community College System of Tennessee

Bill Haslam*, Governor
 Emily J. Reynolds*, Vice Chair, At Large, Middle TN
 Candice McQueen*, Commissioner of Education
 Russ Deaton*, Interim Executive Director at Tennessee Higher Education Commission (THEC)
 Julius Johnson*, Commissioner of Agriculture
 Greg Duckett, 8th Congressional District
 Darrell S. Freeman, Sr., 7th Congressional District
 Tom Griscom, 3rd Congressional District
 Fran Marcum, 4th Congressional District
 Howard W. Roddy, At-Large, East TN
 J. Parker Smith, 1st Congressional District
 MaryLou Apple, II, 6th Congressional District
 Robert P. Thomas, 5th Congressional District
 Danni B. Varlan, 2nd Congressional District
 Barbara U. Prescott, 8th Congressional District
 Leigh A. Shockey, At-Large, West
 Tricia Farwell, Faculty Regent
 Nick Russell, Student Regent

*Ex-Officio Regent

President

Office of the President

Christopher L. Whaley, *President*
 A.A., Roane State Community College-Social Science
 B.S., Middle Tennessee State University-Political Science
 J.D., University of Tennessee College of Law-Law (1994)
 Licensed Attorney (Tennessee)
 Rule 31 Civil Mediator (Tennessee)

Pamela Woody, *Executive Assistant*
 A.S., Roane State Community College, Office Administration
 B.S., East Tennessee State University-Prof. Studies, Information Technology (2008)
 Certified Professional Secretary (2002)

Internal Audit

Cynthia L. Cortesio, *Interim Director of Internal Audit*
 A.A., Indian Hills Community College, Liberal Arts
 B.S., Truman State University, Accounting (1987)

Institutional Effectiveness and Research

Karen L. Brunner, *Vice President*
 B.A., University of Iowa-Dramatic Arts
 M.A., West Virginia University-Dramatic Arts (1977)

Shelley L. Esquivel, *Director of Institutional Research and Grants Development*
 B.A., University of Nebraska at Omaha - Psychology
 M.A., University of Nebraska at Omaha - Developmental Psychology
 Ph.D. University of Tennessee - Educational Psychology and Research (2011)

Bland, Carl Davery, *Data Analyst*
 B.S., East Tennessee State University – Computing (2013)

Deborah U. Miller, *Grants Development Consultant*
 B.S., Kent State University - Secondary Education (1977)

Douglas Wallace, *Institutional Webmaster*
 A.A.S., Roane State Community College-Business Management
 A.S., Roane State Community College-Computer Science
 B.S., Tennessee Technological University-Prof. Studies, Information Technology
 M.B.A., Tennessee Technological University-Business Administration (2016)

Anne Holder, *Administrative Assistant I*
 A.A.S., Roane State Community College - Office Administration (1993)

Student Learning

Office of the Vice President for Student Learning

Diane Ward, *Vice President for Student Learning, Professor of Education*
B.S., West Virginia University-Secondary Education/Science
M.A., Tennessee Technological University-Education/Instructional Leadership
Ph.D. Capella University-Education (2009)

Cathy Smith, *Administrative Assistant II*
A.A.S., Roane State Community College-General Technology (1999)
Certified Professional Secretary (1990)

Advising Resource Center

Amy Keeling, *Director, Curriculum, Program Planning and Advising*
B.S., MacMurray College-Deaf Education
M.S., Eastern Illinois University-Guidance and Counseling/College Student Personnel(1986)

Michelle Crudup, *Academic Advisor*
A.A.S., Roane State Community College-Management & Supervision
B.S., Tusculum College-Organizational Management (2002)
M.S., Tennessee Technological University-Strategic Leadership (2015)

Susan C. Pearson, *Coordinator of Academic Advising*
B.S., Tennessee Technological University - Secondary Education
M.S., Tennessee Technological University - School Counseling
Ed.S., Tennessee Technological University - Administration and Leadership (1997)

Michael Burtch, *Health Sciences/Nursing Admissions Advisor*
B.S., Bob Jones University – Radio/Television Broadcasting
M.S.L., Grand Canyon University – Business Leadership (2006)

Center for Teaching Arts and Technology

Susan Sutton, *Director, Center for Teaching Arts & Technology And Distance Education*
B. S., Ball State University, Muncie, IN - Special Education K-12
M. S., University of Tennessee, Knoxville - Instructional Technology
Ph.D., University of Tennessee, Knoxville - Instructional Technology (2010)

Bruce Botts, *Instructional Design Specialist*
B.S., Hodges University-Computer Information Technology (2010).

Stephanie L. Moskal, *Instructional Design Specialist*
B.S., Tennessee Technological University, Elementary Education
M.S., University of Tennessee – Instructional Technology (2015)

Dual Studies

Kelley Thomas, *Director of Dual Studies*
B.S., University of Tennessee-Business Administration
M.Ed., Tusculum College-Human Resource Development (2008)

Jacquelyn Wilson, *Coordinator of Dual Studies*
B.A. King College-Behavioral Science

Sarah Grant, *Technical Clerk*
A.A.S., Roane State Community College – Contemporary Management (2015)

International Education

Dr. Adolf King, *Director of International Studies*
B.S., City of Leicester Polytechnic-Applied Chemistry
M.S., Imperial College of Science and Technology, London University-Analytical Chemistry
D.I.C., Imperial College of Science and Technology, London University-Analytical Chemistry
Ph.D., Imperial College of Science and Technology, London University-Analytical Chemistry (1976)

Janet Alexander, *Secretary II*
B.A., Ohio Wesleyan University-Politics and Government (1973)

Learning Centers and Learning Support

Michael D. Hill, *Director of Learning Centers and Learning Support*
B.A., Vassar College-English
M.A., University of Tennessee-English (1991)

Anna Davis, *Mathematics Learning Support Specialist*
B.S., Mathematics, Carson-Newman University (2008)

Robin Leib, *Learning Center Specialist-Oak Ridge*
B.A., Speech and Hearing Science, University of Utah
M.A., English, Colorado State University (1991)

Nancy L. Rogers, *Mathematics Learning Support Specialist*
B.S., Tennessee Technological University, Secondary Education
M.S., University of Tennessee, Nutrition
M.A., University of North Alabama, Education
Ed. S., University of North Alabama – Educational Administration P-12 (2010)

Jennifer Rowan, *Learning Center Specialist-Harriman*
B.A., Middle Tennessee State University-English
M.A., Middle Tennessee State University-English (2010)

Libraries

Robert M. Benson, *Director of Library Services/Associate Professor*
B.A., University of Tennessee-English (1996)
M.S., University of Tennessee-Information Science (2000)

Laura Vaughn, *Branch Library Manager/Associate Professor*
B.S., Newberry College-Arts Management
M.S., University of Tennessee-Information Science (1996)

Rosemary Bird, *Cataloging Librarian/Associate Professor*
B.A., University of Tennessee-Liberal Arts
M.S., University of Tennessee-Library Science (1977)

Lyndy Wibking, *Librarian*
B.A., University of Tennessee-English
M.S., University of Tennessee – Information Sciences (2012)

Terri Hallman, *Library Assistant*
B.S., Auburn University-Education (1983)
Certified Administrative Professional (2013)

Christi Moss, *Library Assistant*
Certificate, Roane State Community College-Massage Therapy
B. S., King University - Business Administration (2015)

Shelia Whittenbarger, *Library Assistant*
 Certified Professional Secretary (2003)
 A.A.S., Roane State Community College-General Technology (2008)

Student Academic Support Services

M. Kathryn Rhodes, *Dean of Student Academic Support Services*
 B.S., University of Tennessee-Business Administration
 M.S., University of Tennessee-Human Resource Development (2003)

Matthew Ward, *Administrative Secretary, ROCC Student Contact*
 A.S., Roane State Community College-Business Administration
 B.S., University of Tennessee-Business Administration (2001)

Tennessee Early Childhood Training Alliance

Emily Belitz, *Interim TECTA Coordinator*
 B.S., University of Tennessee - Chattanooga - Education (2002)

ACADEMIC DIVISIONS

Allied Health

Michael Laman, *Dean, Professor of Allied Health Sciences*
 B.S., University of Central Florida-Respiratory Therapy
 M.S., Indiana University, Purdue University at Indianapolis-Allied Health Education
 Ph.D., University of North Texas-Higher Education Administration (1989)

Vicky Martin, *Administrative Secretary*
 Office Occupations Certificate
 Medical Terminology Certificate

Humanities

Myra K. Peavyhouse, *Dean, Professor of English*
 A.S., Roane State Community College-Biology
 B.S., Tennessee Wesleyan College-Biology
 B.A., Tennessee Wesleyan College-English
 M.A., East Tennessee State University-English
 Ed.D., University of Tennessee-Educational Administration and Policy Studies (2002)
 Certified Developmental Education Specialist

Denise Cloyd, *Administrative Secretary*
 A.S., Roane State Community College-Business Management (1985)
 Certified Professional Secretary (2006)

Malinda Yager, *Secretary III*
 B.A., Tennessee Temple College-History (1978)

Darren York, *Manager of RSCC Theatres*
 A.A., Roane State Community College
 B.A., Tennessee Technological University - English
 M.A., Austin Peay State University - Psychology (1996)

Jon P. Chemay, *Theatre Technician*
 B.A., University of Tennessee-Psychology and Criminal Justice (2002)

Matthew Waters, *TV Station Manager-Channel 15 and Assistant Professor of Mass Communications*
 B.S., University of Tennessee-Communications
 M.S., University of Tennessee-Communications
 Ed.D., East Tennessee State University-Educational Leadership (2016)

Mathematics and Sciences

Markus Pomper, *Dean, Associate Professor of Mathematics*
 M.S., University of Illinois, Mathematics
 Ph.D., University of Illinois, Mathematics (2000)

Kathleen B. Voiles, *Administrative Secretary*
 A.A.S., Roane State Community College-Office Administration (1993)
 Certificate of Advancement-Microsoft Office Specialist (2002)
 Certified Professional Secretary (2006)

Melissa K. Stephens, *Science Lab Coordinator/Supervisor*
 B.S., University of Tennessee-Wildlife & Fisheries Science (1989)

Tasha K. Francis, *Laboratory Technician, ORBC*
 B.S., University of Tennessee - Microbiology (2013)

Mary Ann Sexton, *Biology Lab Specialist*
 B.S., Tennessee Technological University-Biology (2010)

Nursing

Patricia Jenkins, *Dean, Professor of Nursing*
 B.S.N., University of Tennessee - Nursing
 M.S.N., University of Tennessee - Nursing
 Ed.D., University of Tennessee - Educational Administration (2001)
 Registered Nurse

Tammy Robinette, *Administrative Secretary*
 A.S., Roane State Community College-Business Management (1985)
 Certified Administrative Professional (2011)

Social Science, Business and Education

Donald L. Lanza, *Dean, Professor of History*
 B.A., University of Tennessee at Chattanooga-History
 M.A., University of Tennessee-History
 Ph.D., University of Tennessee-History (1991)

Tammy Guge, *Administrative Secretary*
 A.S., Roane State Community College-Office Administration
 B.S., Tusculum College-Applied Organizational Management (1990)

Fitness Center

Shaun Simpson, *Coordinator*
 B.S., Middle Tennessee State University-Physical Education
 M.S., Middle Tennessee State University- Health, Physical Education, Recreation, and Safety (2004)

Enrollment Management and Student Services

Office of the Vice President for Enrollment Management

Teresa Sherrill Duncan, *Vice President*
 A.S., Roane State Community College - Business Administration
 B.S., Tennessee Wesleyan College - Business Education and Business Management
 M.S., Tennessee Technological University - Secondary Education (1990)

Jamie Stringer, *Assistant Vice President Enrollment, Student Services, & Innovation*
 B.S., Western Governors University - Network Management
 M.A., The George Washington University - Education and Human Development
 Ed.D., University of the Cumberlands - Educational Leadership (2011)
 MCSE, Microsoft Corporation - Microsoft Certified Systems Engineer

Kristi L. Beason, *Administrative Assistant I*
 A.A.S., Roane State Community College - Business Management Technology
 A.S., Roane State Community College - General (2009)
 Certified Professional Secretary (2007)

Admissions and Records

Donna Mack, *Registrar/Director of Admissions and Records*
 B.S., Tusculum College - Organizational Management
 M.Ed., Tusculum College - Human Resource Development (2008)

Jessica Hunsaker, *Assistant Director of Admissions and Records*
 A.S., Roane State Community College - Elementary Education
 B.S., Tennessee Technological University - Human Learning (2005)
 Certified Professional Secretary (2009)

Kimberly Barnes, *Admissions and Records Supervisor*
 A.S., Roane State Community College - General
 B.S., King University - Business Administration (2015)

Sheila Eason, *Graduation Analyst*
 A.S., Roane State Community College - General Education (1990)

Kelley Barlow, *Technical Clerk*

Mary Barr, *Technical Clerk*
 A.A.S., Roane State Community College - General Technology (2004)

Donna Esty, *Technical Clerk*
 Secretarial Science Certificate, Roane State Community College (1996)

Athletics

Randy Nesbit, *Athletic Director/Men's Basketball Coach*
 B.S., The Citadel - Business Administration
 M.B.A., The Citadel - Business (1986)

Alan Holt, *Assistant Men's Basketball Coach/Promotions*
 B.S., Bryan College - Exercise and Health Science (2015)

Monica L. Boles, *Associate Professor of Exercise Science, Health & Wellness*
Women's Basketball Coach
 A.S., Roane State Community College - Computer Science
 B.S., Carson Newman College - Computer Science
 M.A., Tennessee Technological University - Exercise Science (2011)

Michael Cooper, *Assistant Women's Basketball Coach*
 B.S., Tennessee Technological University - Nutrition Dietetics (2015)

Vacant, *Softball Coach*

Jessica Hackworth, *Interim Softball Coach, Adjunct Faculty*
 M.A., East Tennessee State University - Kinesiology & Sport (2011)
 B.S., East Tennessee State University - Sport & Leisure Management

Randi Wimpy, *Assistant Softball Coach, Intramural Director*
 B.S., Reinhardt University - Minor Business

Zachary Sterner, *Head Baseball Coach*

Logan Dalton, *Assistant Baseball Coach*

Wilma Black, *Athletics Secretary*

Counseling and Disability Services

Tracey Watson, *Director of Counseling and Disability Services*
 A.A., Hiwassee College - Human Services
 B.S.W., East Tennessee State University - Social Work
 M.S.S.W., University of Tennessee - Clinical Social Work (1998)
 LCSW, Licensed Clinical Social Worker, TN Health Related Boards

Jeff Snell, *Counselor*
 B.A., Carson-Newman College - Psychology
 M.S., University of Tennessee - Counseling/Educational Psychology (1992)
 LPC, Licensed Professional Counselor, TN Health Related Boards

Tina S. Messamore, *Technical Clerk*
 A.S., Roane State Community College - Business Management Technology, General Business
 B.B.A., King University - Business Administration (2014)

Enrollment Call Center

Vacant, *Call Center Supervisor*

Enrollment One Stop

Tina Long, *Director, Enrollment One Stop*
 A.S., Roane State Community College - General
 B.S., University of Tennessee - Education
 M.A., Tennessee Technological University - Instructional Leadership (2010)

Melodie Johnson, *Enrollment Specialist*
 A.S., Roane State Community College - Business Management Technology, Computer Science
 B.S., Tennessee Technological University - Interdisciplinary Studies (2013)
 Certified Professional Secretary (2008)

Vacant, *Enrollment Assistant*

Sandy Brock, *Enrollment Assistant*
 A.S., Pellissippi State Technical Community College - General (1990)
 Certified Professional Secretary (2007)

Vacant, *Enrollment Assistant*

Judy Dowker, *Enrollment Assistant*
 A.A.S., Roane State Community College - Contemporary Management (2015)
 Certified Professional Secretary (2007)

Financial Aid

Robin Townson, *Director of Financial Aid*
 A.S., Roane State Community College - Business Management

Technology

B.S., Tennessee Technological University - Organizational Leadership (2009)
 Certified Professional Secretary (1998)

Misty Magill, Assistant Director of Financial Aid

A.A.S., Roane State Community College - Business Management Technology
 B.S., Tennessee Technological University - Organizational Leadership (2010)

Melanie Fulbright, Financial Aid Specialist**Magi Lewis, Financial Aid Specialist**

B.S., East Tennessee State University - Business Administration
 MBA, East Tennessee State University - Business Administration (2015)

Mary Hannah Jones, Financial Aid Specialist

B.S., Middle Tennessee State University - Electronic Media Communication (2014)

Abbie Oran, Financial Aid Analyst

A.S., Roane State Community College - General (2015)

Sabrina Sherman, Financial Aid Analyst

A.A.S., Roane State Community College - General
 B.S., The University of Tennessee at Martin - Interdisciplinary Studies (2012)

Student Engagement

Vacant, *Coordinator*

Student Enrollment and Recruitment**Maria Gonzales, Director**

A.A., Hiwassee College
 B.S., University of Tennessee - Zoology (1984)

Jim McDaniel, Assistant Director

B.S., University of Tennessee - Hotel/Restaurant Administration
 M.S., University of Tennessee - Education (1991)

Priscilla Gitschlag, Student Enrollment Counselor

B.A., University of Miami - English Literature
 M.S.Ed - University of Miami - Higher Education Administration (2003)

Andy Spellman, Student Enrollment Counselor

B.S., University of Tennessee - Sports Management, Business Administration (2015)

Jack Parker, Adult Recruiter/ORBC Evening Coordinator

B.S., University of Tennessee – Communication (1979)

Student Services/Dean of Students**Brenda Rector, Dean of Students**

B.S., Lincoln Memorial University - Business Administration
 M.Ed., Lincoln Memorial University - Counseling and Guidance (1992)

Carol Jarabek, Executive Secretary

A.S., Roane State Community College - Office Administration (1985)
 Certified Professional Secretary (2003)

Student Success Center**Kathryn Baker, Director of Student Success**

A.S., Roane State Community College – General Technology
 B.S., Tennessee Technological University – Interdisciplinary Studies
 M.Ed., East Tennessee State University - Educational Leadership and Policy Analysis (2015)

Josh Adkins, Student Success Coach

A.A.S., Roane State Community College - Radiologic Technology
 A.S., Roane State Community College – General
 B.S., Tennessee Technological University - Interdisciplinary Studies (2016)

Julianne Cole, Student Success Coach

B.S., University of Tennessee - Business Administration
 M.Ed., University of Memphis - School Counseling (1989)

Wendy Floyd, Student Success Coach

A.A.S., Forsyth Technical Community College - Medical Office Administration
 B.S., Tusculum College - Organizational Management (2011)
 M.B.A., Tusculum College - Business Administration (2015)

Jennifer Fugate, Student Success Coach

A.A.S., Roane State Community College - Contemporary Management
 A.S., Roane State Community College - General
 B.S., Tennessee Technological University - Interdisciplinary Studies (2016)
 Certified Professional Secretary (2007)

Sarah Hooper, Student Success Coach

B.A., University of Tennessee - Psychology
 M.Ed., East Tennessee State University - Educational Leadership (2015)

Jordan Huettel, Student Success Coach**Karry Garcia, Student Success Coach**

A.S., Roane State Community College - General
 B.S., Tennessee Technological University - Interdisciplinary Studies (2013)
 M.B.A., King University - Marketing (2015)

Sue Niemi, Adult Student Success Coach

B.S., Northern Michigan University - Physical Education (1982)

Vannessa Overton, Student Success Coach

A.S., Roane State Community College - General
 B.S., Tusculum College - Applied Organizational Management
 M.A., Tusculum College - Education (Org. Training & Education)
 M.S., University of Tennessee, Knoxville - Information Science (2011)

Sonya Thomas, Student Success Coach

A.A.S., Roane State Community College-General Technology
 B.S., Tennessee Technological University-Interdisciplinary Studies (2014)
 Certificate, Roane State Community College-Office Information (2006)
 Certified Professional Secretary (2011)

Testing Center**Jill Robbins, Director**

A.S., Roane State Community College - Sociology
 B.S., East Tennessee State University - Interdisciplinary Studies (2012)
 Certified Administrative Professional (2011)

Chris Hartzog, *Testing Technician*
A.A.S., Roane State Community College - General Technology (2014)
Certified Administrative Professional (2013)

Veterans Services

Tim Hunt, *Coordinator*
B.S., University of West Florida - Marketing (1991)

Advancement and Community Relations

Roane State Foundation

Melinda Hillman, *Vice President of Advancement and Community Relations*
A.S., Cleveland State Community College
B.A., Tennessee Wesleyan College-Communications
M.P.A., University of Tennessee at Chattanooga-Public Policy (1994).

Jeana Bradley, *Scholarship Specialist*
Certified Business Administration-Kee Business College (1986)
CAP/CPS (2004)

Linda Brown, *Coordinator*
B.B.A., Accounting - East Tennessee State University (1979)

Abby Rogers, *Advancement Specialist*
A.A., Roane State Community College (2012)

Alumni Relations

Tamsin E. Miller, *Director*
B.F.A., Brigham Young University-Interior Design
M.S., University of Tennessee-Adult Education (1994)

Owen Driskill, *Alumni Publications Editor*
B.A., Clemson University-English/History
M.A., Austin Peay State University-Communication Arts (2010)

Sandi Roberts, *Graphic Designer*
B.F.A., East Tennessee State University-Graphic Design (1989)

Marketing and Public Relations

Owen Driskill, *Director of Public Relations*
B.A., Clemson University-English/History
M.A., Austin Peay State University-Communication Arts (2010)

Celia Breedlove, *Advertising and Promotions Manager*
B.S., University of Southern Mississippi-Photo-Journalism (1978)

Jeremy Pulcifer, *Institutional Webmaster*
A.A.S., Roane State Community College-Business Management (1999)

Sandi Roberts, *Coordinator of Graphic Arts*
B.F.A., East Tennessee State University-Graphic Design (1989)

Douglas Wallace, *Institutional Webmaster*
A.A.S., Roane State Community College-Business Management
A.S., Roane State Community College-Computer Science
B.S., Tennessee Technological University-Prof. Studies, Information

Technology
M.B.A., Tennessee Technological University-Business Administration
(2016)

Business and Finance

Office of the Executive Vice President for Business and Finance

Danny C. Gibbs, *Executive Vice President*
B.S., Tennessee Technological University-Business Administration (1983)
C.P.A., State of Tennessee

Vacant, *Administrative Assistant II*

Payroll, and Special Projects

Connie Brown, *Director*
A.S., Roane State Community College-Business Management (1982)

Amy Blair, *Payroll Practitioner*
Certified Professional Secretary
A.A.S., Roane State Community College-General Business (2000)

Shelia Brady, *Account Clerk II*

Holly Davidson, *Account Clerk II*
A.A.S. Roane State Community College - Business Management
Technology (2000)

Fiscal and Auxiliary Services

Marsha Mathews, *Director of Accounting Services*
B.S., Tennessee Technological University-Accounting (1990)

Melody Martin, *Accountant*
A.A., Copiah-Lincoln Junior College-Accounting (1984)
B.S. Strayer University-Accounting (2008)

Angela Sexton, *Data Analyst*
A.S., Roane State Community College - Computer Science (1982)

Vacant, *RX TN Grant Accountant*

Vacant, *Bursar*

Donna Brown, *Account Clerk*
A.S., Roane State Community College-Business Management Technology
(1982)
Certified Professional Secretary (1997)

Annette Garrison, *Account Clerk*

Carol Gassaway, *Cashier*
A.A.S., Roane State Community College-General Technology (2004)

Latrisha Hartman, *Lead Cashier*

Kim Leach, *Account Clerk*

Diane Mount, *Accounts Payable Supervisor*
A.S., Roane State Community College-Accounting Technology (1980)
Certified Professional Secretary (1995)

Vacant, *Account Clerk*

Michele Patterson, *Account Clerk*
A.A.S., Roane State Community College-General Technology (1999)
Certified Professional Secretary (1996)

Human Resources

A. Odell Fearn, *Director of Human Resources, Wellness, and Title VI Coordinator*
A.S., Knoxville Business College-Computer Science
B.S., Tennessee Wesleyan College-Business Management
M.A. Tusculum College - Human Resource Development (2011)

Joyce Marsalis, *Human Resources Manager*
B.B.A., East Tennessee State University - Human Resources (1990)

Information Technology

Timothy D. Carroll, *Assistant Vice President of Information Technology*
B.S., Embry Riddle Aeronautical University-Management
M.S., University of Southern California-Systems Management (1987)

Deb Beeler, *Executive Secretary*

Administrative Systems (Computer Center)

Chris S. Pankratz, *Director of Administrative Systems*
A.S., Roane State Community College-Computer Science
B.S., Tusculum College-Applied Organizational Management (1999)

Keri Phillips, *Systems Analyst*
A.S., Roane State Community College-Computer Science
B.S., Tennessee Technological University-Computer Science (2003)

James Humphreys, *Programmer/Analyst*
A.S., Roane State Community College-Computer Science
A.A., Roane State Community College-Social Science
B.A., University of Tennessee-History
M.A., University of Tennessee-History (2014)

Daniel Thomas, *Programmer/Analyst*
B.S., University of Tennessee - Computer Science (2013)

Networking, Telecommunications and Technical Support (Help Desk)

Peter Souza, *Director of Networking, Telecommunications and Technical Support*
B.S., University of New Hampshire-Geology
M.S., University of Tennessee-Geology (1998)

Allen Foster, *Assistant Network Manager (VOIP Specialist)*
B.S., Tennessee Technological University-Business Management
M.P.S., Tennessee Technological University-Strategic Leadership (2014)

David J. Ribes, *Help Desk Management/Lead Microcomputer Specialist*
A.A.S., Stark Technical College-Electronic Engineering Technology
(1985)

Anita Anthony, *Microcomputer Specialist*
Certified Professional Secretary (2010)

Lucas Below, *Microcomputer Specialist*
A.A.S., ITT Tech-Electrical Engineering Technology (1999)

Lon Bird, *Audiovisual Technician*
A.A.S., Pellissippi State-Video Production Technology

Robert L. Brown, *Microcomputer Specialist*

William Elwartowski, *Microcomputer Specialist*
A.A.S., Roane State Community College-General Technology (2009)

Lyle Fountain, *Network Administrator*
A.S., Roane State Community College-Business Management
Technology/Computer Science (1997)

Elizabeth Hill, *Help Desk Operator*
B.S., University of Memphis-Political Science (1990)

Cathy Martin, *Video Conferencing Coordinator*
A.A.S., Roane State Community College-General Technology
B.S., Tusculum College-Organizational Management (2004)
Certified Professional Secretary (1996)
Microsoft Office Master (2005)
M.A., Tusculum College- Organizational Management (2006)

Shelton McCullough, *Microcomputer Specialist*
A.A.S., Pellissippi State Community College-Networking and
Communication Technology (2005)

Paul McNamara, *Web Portal Systems Administrator/Adjunct Faculty*
B.S., Georgia Southern University-Math/Computer Science
M.A., Spring Hill College-Theological Studies (2009)
ASCA Level 2 Certified Swin Coach (2014)

Chris Olka, *Microcomputer Specialist*
A.S., Roane State Community College-Business Management Technology
(1988)

Environmental Health & Safety

Don Conley, *Environmental Health and Safety Compliance Manager*
B.S., University of Tennessee, Chattanooga - Environmental Engineering
(2000)

Physical Plant and Exposition Center

Stan Starkey, *Director*
B.S., University of South Alabama-Business Administration (1990)

Shelia Hicks, *Secretary III*
A.A.S., Roane State Community College - Office Information Technology
(2005)
Certified Professional Secretary (2006)

Diane Cox, *Office Supervisor*

David Webb, *Maintenance & Grounds Supervisor*

J. Patrick Tilley, *Maintenance & Grounds Supervisor - ORBC*

Susan Brown, *Grounds Worker - ORBC*

Terry L. Brown, *Maintenance Worker - ORBC*

Don Clark, *Maintenance Mechanic - HVAC*

Greg Mayo, *Maintenance Mechanic - Electrician*

Pam Cook, *Day Porter*

Dale Green, *Maintenance Worker*

Nancy Humphreys, *Horticulturalist*

Ronald Johnson, *Maintenance Worker - ORBC*

Jerry Kindred, *Painter*

Jerry Malicoat, *Farm Worker Supervisor*

Mike McClure, *Courier*

Sean McDonald, *Maintenance Worker*

Fred Ooten, *Shipping/Receiving Clerk*
A.A.S., Roane State Community College-General Technology (2010)

Zachary Patterson, *Farm Worker*

Michael Pogue, *Farm Worker*

Damon Sandifer, *Maintenance Worker*

Terry Scheiern, *Maintenance Utility Worker*

Irene Weismuller, *Grounds Worker*

Roy Wiley, *Maintenance Worker*

Roane State Police Department

Thomas J. Stufano, *Director and Chief of Police*
MBA - Touro University (2001)
Distinguished Graduate - US Air Command and Staff College
Graduate Professional Administrators Development Institute - US
Department of Homeland Security
TN POST Certified Police Officer

Edward Jackson, *TN POST Certified Police Officer*

Jack Martin, *TN POST Certified Police Officer*

Michael McCullough, *TN POST Certified Police Officer*

Dale Kendrick, *Security Officer*
A.S., Roane State Community College-Police Science (1983)

James Perkins, *TN POST Certified Police Officer*

Richard Wood, *TN POST Certified Police Officer*

Purchasing, Contracts and Budgets

Dana K. West, *Director of Purchasing and Contracts*
A.A.S., Pellissippi State Community College, Accounting
B.S., Tennessee Wesleyan College, Accounting
M.B.A., Lincoln Memorial University, Business Administration (1999)

Steven Long, *Buyer*
A.A.S., Pellissippi State Community College - Electronics/Electrical
(1992)

Oak Ridge Branch Campus and Satellite Centers

Campbell County Higher Education Center

Tracy Powers, *Director*
B.S., Liberty University-History Education (1985)
M.S., University of Tennessee-Teacher Education (2008)

Vacant, *Technical Clerk*

Richard Ellison, *Custodian/Utility Worker*

Cumberland County Higher Education Center

Holly Hanson, *Director*
M.S., Cardinal Stritch University - Management
B.S., Rockford University - Mathematics and Accounting
Licensed Professional Business Coach
Certified Executive Coach
Certified Retirement Transition Coach

Allison Brendel, *Technical Clerk*
Tennessee College of Applied Technology-Accounting Certificate

Stanton Tabor, *Technical Clerk*
A.A.S., - Roane State Community College (2011)
Certified Professional Secretary

Darrell Christmas, *Maintenance/Custodial Supervisor*

Truman Ledgerwood, *Maintenance Utility Worker*

Fentress County Higher Education Center

Pamela J. May, *Director*
A.A.S., Roane State Community College-General Technology
B.S., Tennessee Technological University-Interdisciplinary Studies (2011)

Cathi L. Jolly, *Technical Clerk*

Knox County Center for Health Sciences

Michael Laman, *Director, Dean of Allied Health Sciences*
B.S., University of Central Florida-Respiratory Therapy
M.S., Indiana University, Purdue University at Indianapolis-Allied Health
Education
Ph.D., University of North Texas-Higher Education Administration (1989)

Jennifer Provine, *Technical Clerk*
B.S., University of Tennessee-Business Administration (1981)

Lisa Smith, *Secretary II*
B.A., University of Tennessee-Art History (1996)

Ricky Carroll, *Custodian/Utility Worker*

Loudon County Higher Education Center

Susan Williams, *Director*
B.S., University of Tennessee-Communications/Public Relations (1990)

Yvonne Toon, *Technical Clerk*

Morgan County Higher Education Center

Michelle Adkisson, *Director*
 A.S., Roane State Community College
 B.S., Tennessee Technological University-Sociology
 M.A., Austin Peay State University - Communications (2014)

Melanie Hensley, *Secretary III*
 A.A.S., Roane State Community College-Office Administration (1989)

Oak Ridge Branch Campus

Melinda Hillman, *Vice President of Advancement and Community Relations*
 A.S., Cleveland State Community College
 B.A., Tennessee Wesleyan College-Communications
 M.P.A., University of Tennessee at Chattanooga-Public Policy (1994)

Sandy Vann, *Administrative Assistant I*
 A.A.S., Roane State Community College-Contemporary Management (2014)

Mariella Akers, *Health Sciences and Nursing Secretary/Technical Clerk*
 B.A., Hood College-Psychology
 M.F.A., Savannah College of Art and Design-Historic Preservation (1995)

Gail Powers-Blanton, *Information Center Supervisor*

Scott County Higher Education Center

Sharon W. Baird, *Director*
 A.S., Roane State Community College-General
 B.S., Tusculum College-Applied Organizational Management
 M.A., Tusculum College-Education (Org. Training & Education) (2004)

Rena Adkins, *Technical Clerk*
 A.A.S., Roane State Community College-Office Administration
 B.S., Tennessee Technological University - Interdisciplinary Studies (2013)
 Certified Professional Secretary

Charlotte Shelton, *Secretary*
 A.A.S., Roane State Community College-General Technology (2010)

Jimmy Lowe, *Custodian/Utility Worker*

Workforce and Technology Programs

Office of Workforce and Technology Programs

Teresa Sherrill Duncan, *Vice President of Student Affairs and Workforce Development*
 A.S., Roane State Community College-Business Administration
 B.S., Tennessee Wesleyan College-Business Education and Business Management
 M.S., Tennessee Technological University-Secondary Education (1990)

Kristi L. Beason, *Administrative Assistant I*
 A.A.S., Roane State Community College - Business Management Technology
 A.S., Roane State Community College - General (2009)

Certified Professional Secretary (2007)

Workforce Training and Placement Services

Kim Harris, *Director*
 B.S., University of Tennessee - Home Economics/Merchandising
 Certified Workforce Development Specialist
 Global Career Development Facilitator

Shayla Alicia Hall, *Technical Clerk*

Community Outreach and Professional Training

Sonya Parker, *Program Manager*
 A.A.S., Roane State Community College-General Technology (2009)
 Certified Professional Secretary (2007)
 Microsoft Certified Specialist Expert
 Intranet Webmaster Certificate

Continuing Healthcare & Safety Education

Kirk Harris, *Director, Continuing Medical Education*
 Licensed Tennessee State Paramedic and Critical Care Paramedic
 A.S., Lake Sumter Community College-Emergency Medical Care
 B.S., University of Tennessee-Botany (1992)

Vacant, *Coordinator, Health Science Programs*

Elizabeth Hageman, *Secretary, Health Science Programs*

Cumberland Business Incubator

Holly Hanson, *Director, Cumberland Business Incubator*
 M.S., Cardinal Stritch University - Management
 B.S., Rockford University - Mathematics and Accounting
 Licensed Professional Business Coach
 Certified Executive Coach
 Certified Retirement Transition Coach

Bonnie Moedano, *Technical Clerk*
 Tennessee College of Applied Technology - Accounting Certificate

Small Business Development Center

Jutta Bangs, *Director*
 A.S., Laramie County Community College-Internet Technology & Web design
 B.S., University of Wyoming-Business Administration
 M.A., Tennessee Technological University (2011)
 International Business NASBITE Certified Global Business Professional (CGBP) (2014)

Faculty

Faculty

NOTE: (date) indicates date of last degree

ANTHONY, DARLENE M., *Associate Professor of Geology*
M.S., Western Kentucky University-Geoscience
Ph.D., Purdue University-Geology (2003)

ALFONSO JR., ROBERT, *Associate Professor of English*
B.A., Kent State University-English
M.A., East Tennessee State University-English (1992)

ANDERSON, ANDY, *Associate Professor of Psychology*
B.A., Southwestern at Memphis-English
M.A., Middle Tennessee State University-Psychology (1972)
LPSE, Licensed Senior Psychological Examiner, (Health Service Provider)
TN Health Related Boards

ANDERSON, KRISTEN, *Assistant Professor of English*
A.A., New River Community College – General Studies
B.S., Radford University – English
M.S., Radford University – English (2010)

ARCANGELI, KATHRYN, *Professor of Mathematics & Coordinator of Mathematics*
B.S., University of Alabama-Industrial Engineering
M.S., Auburn University-Industrial Engineering (1989)
M.M., University of Tennessee-Mathematics (2008)

BADGER, ROGER A., *Instructor, EMT- Paramedic Program*
A.A.S., Hocking Technical College-Emergency Medical Technology (1982)
Licensed Tennessee State Paramedic Instructor/Coordinator (P-I/C)

BARRIGA, MARIA, *Professor of Spanish*
B.A., Universidad Catolica-Spanish
Ph.D., University of Tennessee-Spanish (1991)

BLEVINS, DAVID, *Associate Professor and Director, EMT and Paramedic Programs*
A.A.S., Roane State Community College - Paramedic
A.A.S., Community College of the Air Force - Emergency Management
B.P.S., University of Memphis-Fire Administration and Fire Prevention Technology (2009)
Licensed Tennessee State Paramedic Instructor/Coordinator (P/IC)
National Registered Emergency Medical Technician - Paramedic (NREMT-P)

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Licensed Tennessee State Paramedic Instructor/Coordinator (P/IC)
National Registered Emergency Medical Technician-Paramedic (NREMT-P)

BOLES, MONICA L., *Assistant Professor of Exercise Science, Women's Basketball Coach*
A.S., Roane State Community College-Computer Science
B.S., Carson Newman College-Computer Science
M.A., Tennessee Technological University - Exercise Science, PhysEd, Wellness (2011)

BOULDIN, ERIC, *Associate Professor of Mathematics*
B.S., Vanderbilt University-Mechanical Engineering
M.S., Tennessee Technological University-Mathematics (2008)

BRADSHAW, STACIE, *Assistant Professor of Education*
B.S., Tennessee Technological University-Multidisciplinary Studies, Elementary Education K-6
M.S., University of Tennessee-Teacher Education (2010)

BROWN, JOHN, *Assistant Professor of Political Science*
B.A., University of Tennessee-Political Science
M.A., Appalachian State University-Political Science (2007)

BYRD, RODNEY, *Instructor, EMT-Paramedic Program*
A.A.S., Roane State Community College-General Technology (1996)
Licensed Tennessee State Paramedic Instructor/Coordinator (P-I/C)

CAMPBELL, RYAN, *Assistant Professor of Mathematics*
B.S., Wolford College-Mathematics
M.S., University of Tennessee-Mathematics (2015)

CANTRELL, BRUCE, *Associate Professor of Biology*
A.S., Roane State Community College-General
B.S., Tennessee Technological University-Biology
M.S., The American University-Biology (1985)

CHUNG, MICHAEL, *Associate Professor of Computer Science*
B.S., Southeast Missouri State-Agriculture
M.S., University of Missouri-Soil Physics
M.S., University of Missouri-Nuclear Engineering (1990)

CLOWERS, JANET L., *Associate Professor of Nursing*
B.S., University of Tennessee-Human Ecology
M.S.N., University of Tennessee-Nursing (1994)
Registered Nurse

COBB, CASEY, *Associate Professor of History*
B.A., University of North Carolina-History
M.A., University of Tennessee-U.S. Race Relations History (2002)

CUMMINGS, CLAUDIA C., *Assistant Professor of Biology*
B.A., University of Tennessee-Microbiology
M.S., University of Tennessee-Microbiology (1979)

Dalton-Carriger, Jessica, *Assistant Professor of Anthropology*
B.A., East Tennessee State University-History
M.S., University of Tennessee-Anthropology
Ph.D., University of Tennessee-Anthropology (2016)

DANIEL, JALA, *Associate Professor of Biology & Coordinator of Biology*
B.A., The College of Wooster-Biochemistry/Molecular Biology
M.S., East Tennessee State University-Biomedical Sciences (2009)

DAY, DEBRA, *Associate Professor of Nursing*
B.S.N., Southern Nazarene University-Nursing
M.S.N., University of Phoenix- Nursing (2005)
Registered Nurse

DELOZIER, EMILY A., *Assistant Professor and Academic Coordinator of Clinical Education, Physical Therapist Assistant Program*
A.A.S., Roane State Community College-Physical Therapist Assistant
B.S., University of Tennessee-Transportation (1982)
Physical Therapist Assistant (PTA)

DENTON, JILL B., *Associate Professor of Mathematics*
B.S., Ohio University-Electrical Engineering
M.S., University of Tennessee-Mathematics (2003)

DENTON, RACHEL. *Assistant Professor of Spanish*
B.A., University of Puerto Rico – Plastic Arts
M.A., University of Tennessee – Spanish (2014)

DOYLE, JAMES A., *Professor of Psychology*
B.A., Aquinas College-Psychology
M.A., Xavier University-Clinical Psychology
Ph.D., University of Saskatchewan-Social-Clinical Psychology (1973)

DRAKE, GLORIA, *Associate Professor of Business*
A.S., Pearl River Junior College-Business
B.S., University of Southern Mississippi-Business Education
M.Ed., University of Southern Mississippi-Business Education (1989)

DUNCAN, LEA, *Assistant Professor of Nursing*
A.A.S., Roane State Community College
BSN, University of Tennessee
MSN, Tennessee State University (2010)
Registered Nurse

EVANS, JEANNE, *Assistant Professor of Nursing*
BSN., Carson Newman College
MSN., King University (2013)
Registered Nurse

FARMER, WILLIAM, *Assistant Professor of Accounting/Business*
B.S., University of Tennessee - Accounting
M.B.A., University of Tennessee - Business Administration (1976)

FIELDS, BECKY L., *Assistant Professor of Nursing*
B.S.N., University of Tennessee - Nursing
M.S.N., University of Tennessee - Psychiatric Mental Health
Ph.D., University of Tennessee - Nursing (2002)
Registered Nurse

FISHEL, JASON, L., *Assistant Professor of Philosophy*
B.A., Coastal Carolina University – English
B.A., Coastal Carolina University – Philosophy
M.A., Washington State University – Philosophy
Ph.D., University of Tennessee – Philosophy (2014)

FOLTZ-GRAY, DANIEL A., *Associate Professor of English, Coordinator of Learning Support-English & Reading*
B.A., University of Pennsylvania-English Literature
M.A., University of Chicago-English (1974)

FOX, BRADLEY, *Associate Professor of Business*
B.S., Salem State College-Management
M.B.A., DePaul University-International Business (1986)

GENNA, GARY, *Assistant Professor and Director, Massage Therapy Program*
B.S., College of Cortland-Biology (1982)
Licensed Massage Therapist (LMT)

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B.A., Hillsdale College – English
M.A., McNeese State University – English (2009)
M.F.A., McNeese State University – Creative Writing (2009)

GERGEN, THERESA D., *Assistant Professor and Director, Occupational Therapy Assistant Program*
B.A., Allegheny College-Psychology
M.S., University of North Carolina-Occupational Therapy
Ed.D., Nova Southeastern University - Instructional Technology and Distance Education (2012)
Licensed Occupational Therapist (OTR/L)

GILL, MELINDA, *Assistant Professor and Director, Dental Hygiene Technology Program*
B.S.D.H., University of Southern Indiana, Dental Hygiene Education
M.P.A., Indiana State University, Public Administration (1998)
Registered Dental Hygienist (RDH)

GOGGIN, MICHAEL T., *Associate Professor and Director, Opticianry Program*
A.A.S., Erie Community College-Ophthalmic Dispensing
B.A., State University of New York at Buffalo - Anthropology (1975)
Licensed Optician (LDO)

GOLEBIEWSKI, MICHAEL, *Associate Professor of Speech/Theatre*
B.S., Troy State University-Speech and Theater
M.F.A., University of Tennessee-Acting (Performance) (1995)

GOMEZ DELCAMPO, STELLA, *Associate Professor of History*
B.A., University of Mexico-History, Mathematics
M.A., University of Mexico-History, Art History (1969)

GOWAN, JOYE E., *Associate Professor of Mathematics*
B.S., Oklahoma Baptist University-Mathematics
M.Ed., Central State University-Secondary Education/Mathematics (1984)

GRAVELY, GARY. *Instructor of English*
B.A., Tennessee Technological University – History and English
M.A., Tennessee Technological University – English
Ph.D., Middle Tennessee State University – English (2015)

GREENLEE, GEOL A., *Professor of Music, Music Department Chair*
B.A., University of Wisconsin-Music
M.M., University of Tennessee-Music
D.M.A., University of Cincinnati-College Conservatory of Music-Composition (1997)

HALL, JULIE, *Assistant Professor and Director, Radiologic Technology Program*
A.A.S., Roane State Community College-Radiologic Technology
B.S., University of Tennessee-Biochemistry, Molecular and Cellular Biology
M.P.H., University of Tennessee-Public Health (2007)
Registered Radiologic Technologist RT(R) (CT)

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B.S.N., Lincoln Memorial University - Nursing
M.S.N. Liberty University - Nursing (2012)
Registered Nurse

HARRIS, VICKIE F., *Associate Professor of Nursing*
A.D.N., Fayetteville Technical Community College
B.S., University of St. Francis-Health Science
M.S.N., University of Phoenix, Nursing (2006)
Registered Nurse

HEIDINGER, GARY L., *Associate Professor of Sociology and*

Anthropology

B.S., Bethel College-History
M.A., George Peabody College-History (1965)
Certified in Thanatology

HENSLEY, VICKIE, *Associate Professor, Radiologic Technology Program*

A.S., Roane State Community College-Radiologic Technology
B.S., College of St. Francis-Health Arts (1992)
Registered Radiologic Technologist RT(R)

HERD, VALERIE, *Associate Professor of Sociology*
B.S., East Tennessee State University-Communications
M.S., University of Tennessee-Sociology (1995)

HILDEBRANDT, MELANIE C., *Assistant Professor of Speech*
B.F.A., Austin Peay State University – Art
M.A., Austin Peay State University – Communication Arts (2013)

HILL, LESHA, *Associate Professor and Director, Respiratory Therapy Program*

A.S., Roane State Community College-Respiratory Therapy
B.S., Tusculum College-Applied Organizational Management (1991)
Registered Respiratory Therapist (RRT)

HILLIARD, PEGGY, *Professor of English/Coordinator, Honors Program*

B.A., Furman University-English Literature
M.A., University of Tennessee-English Literature
Ph.D., University of Tennessee-English Literature (1989)

HINKLE, REGINA, *Associate Professor*

Missouri Baptist College of Nursing
B.S.N., University of Maryland-Nursing
M.S.N., University of Tennessee-Nursing
MS ED., Capella University (2014)
Registered Nurse

HYDER, DAN, *Associate Professor, Program Director Environmental Health Technology/Coordinator, Honors Program*

B.S., East Tennessee State University-Environmental Health
M.E.S., University of Oklahoma-Environmental Science (1980)

HYUN, PHILLIP JIN-KEE, *Assistant Professor of Engineering/Physics*

B.S., Yonsei University, Korea - Biochemistry
M.S., Washington State University - Physics
Ph.D., Washington State University - Physics (1996)

INSCO, APRIL, *Assistant Professor and Program Director, Health Information Technology Program*

A.S., Roane State Community College-Health Information Management
B.S., U.T. Health Science Center, Memphis-Health Information Management
Registered Health Information Administrator (RHIA)
Certified Coding Specialist (CCS)

JACOBS, JENNIFER, *Clinical Coordinator of Surgical Technology*

A.A., Martin Methodist College
B.A., Trevecca Nazarene-HR Management (2014)
Certified Surgical Technologist (CST)

JACOBS, STACY, *Associate Professor of Art, Program Director, Computer Art and Design*

B.A., Austin Peay State University-Fine Arts
M.F.A., University of Tennessee-Fine Arts (2002)

JENKINS, PATRICIA, *Professor of Nursing and Dean of Nursing*

B.S.N., University of Tennessee - Nursing
M.S.N., University of Tennessee - Nursing
Ed.D., University of Tennessee - Educational Administration & Policy Studies (2001)
Registered Nurse

JONES, JOHNNY, *Associate Professor of Physical Education*

A.A., Martin College-Health/Physical Education
B.S., Middle Tennessee State University-Physical Education
M.S.S., United States Sports Academy-Fitness Management

JONES, MICHELLE, *Associate Professor and Clinical Coordinator, Dental Hygiene Program*

B.S., East Tennessee State University-Community Health (1978)
Registered Dental Hygienist (RDH)

KING, ADOLF A., *Professor of Chemistry*

B.S., City of Leicester Polytechnic-Applied Chemistry
M.S., Imperial College of Science and Technology, London University-Analytical Chemistry
D.I.C., Imperial College of Science and Technology, London University-Analytical Chemistry
Ph.D., Imperial College of Science and Technology, London University-Analytical Chemistry (1976)

KING, BENJAMIN B., *Associate Professor of Mathematics*

B.A., David Lipscomb University-Mathematics
M.S., University of Tennessee-Mathematics (2006)

LAKIN, BROOKE, *Assistant Professor of Nursing*

BSN., Lincoln Memorial University
MSN., East Tennessee State University (2013)

LAMAN, MICHAEL A., *Professor of Health Sciences and Dean, Allied Health Sciences Division*

B.S., University of Central Florida-Respiratory Therapy
M.S., Indiana University, Purdue University at Indianapolis-Allied Health Education
Ph.D., University of North Texas-Higher Education Administration (1989)

LANE, DAVID, *Associate Professor of Psychology, Middle College Coordinator*

B.S., Middle State University-GeoScience
M.A., Tennessee Tech University-Health and Physical Education (1997)

LANZA, DONALD L., *Dean, Professor of History*

B.A., University of Tennessee at Chattanooga-History
M.A., University of Tennessee-History
Ph.D., University of Tennessee-History (1991)

LEE, ARTHUR C., *Professor of Geology*

B.S., Penn State University-Geosciences
M.A., Temple University-Geology
Ph.D., University of Southern California-Geology (1993)

LEWIS, ELIZABETH, *Associate Professor/Program Director of Criminal Justice*

A.S., Tennessee Technological University- Criminal Justice
B.S., Tennessee Technological University- Psychology
M.S., University of Tennessee, Chattanooga- Criminal Justice (1988)

LUCAS, TERESA, *Assistant Professor Nursing*

B. S., University of Tennessee - Engineering

MSN., University of Tennessee (1993)

LUGGIE, BRENDA M., *Associate Professor of Music/Choral Director*
B.M., University of Akron
M.M., Ohio University-Music (2001)

MABRY, MARIANNA, *Associate Professor and Director, Pharmacy Technician Program*
B.B.A., East Tennessee State University-Marketing and Spanish (1982)
Certified Pharmacy Technician (CPhT)

MAGILL, DEBORAH, R., *Assistant Professor of Speech*
B.A., Auburn University - Communications
M.A., Auburn University - Communications (1991)

MANIS, TERESA, *Instructor and Clinical Coordinator, Radiologic Technology Program*
A.S., Asheville-Buncombe Technical Community College-Radiologic Technology
B.S., East Tennessee State University - Radiography (2011)
Registered Radiologic Technologist RT (R)

MARSH, LINDA, *Assistant Professor and Director, Medical Transcription Program*
A.S., Steed College-Medical Secretarial Science
B.S., College of St. Scholastica - Health Information Management (2012)
Registered Health Information Technician (RHIT)

MASCARO, MARILYN L., *Associate Professor of English*
B.S., University of Tennessee-English
M.A., University of Tennessee-English (1984)

MEGHABGHAB, GEORGE, *Professor of Computer Science*
B.S., Institut Supérieur d'Electronique du Nord, Lille, France-Computer Engineering
M.S., University of Pierre et Marie Curie, Paris, France-Computer Science
Ph.D., University of Pierre et Marie Curie, Paris, France-Computer Science
Ph.D., Florida State University-Computer Science (1988)

MILES, DEBORAH L., *Associate Professor of Mathematics*
B.S., Louisiana State University-Mathematics Education
M.M., University of Tennessee-Mathematics (1990)

MONDAY, RALPH, *Professor of English*
B.S., University of Tennessee-English Education
M.A., University of Tennessee-British and American Literature
Ed.D., Northcentral University - Educational Leadership (2012)

NESBIT, RANDY, *Associate Professor of Business, Men's Basketball Coach, Athletic Director*
B.S., The Citadel-Business Administration
M.B.A., The Citadel (1986)

NEWBERRY, NIKKI, *Assistant Professor, Health Information Technology Program*
A.A.S., Roane State Community College - Medical Records
B.S., Tusculum College - Organizational Management (2006)
Registered Health Information Technologist (RHIT)

PALANTINUS, DEBORAH T., *Associate Professor of Biology*
B.S., University of Tennessee-Zoology
M.S., University of Tennessee-Zoology (1971)

PALMER, ALMA RUTH, *Associate Professor of Nursing*
B.S.N., Western Carolina University-Nursing
M.S.N., East Tennessee State University-Nursing (2008)
Registered Nurse

PASTOR, SYLVIA, *Instructor of Chemistry*
B.S., Marist College-Chemistry
M.S., University of California-Chemistry
Ph.D., University of California-Chemistry (2003)

PEAVYHOUSE, MYRA K., *Professor of English, Dean, Humanities Division*
A.S., Roane State Community College-Biology
B.S., Tennessee Wesleyan College-Biology
B.A., Tennessee Wesleyan College-English
M.A., East Tennessee State University-English
Ed.D., University of Tennessee-Educational Administration and Policy Studies(2002)
Certified Developmental Education Specialist

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Registered Polysomnographic Technologist (RPSGT)
Registered Electroencephalographic Technologist (REEGT)

POMPER, MARKUS, *Associate Professor of Mathematics, Dean, Mathematics & Sciences Division*
M.S., University of Illinois, Mathematics
Ph.D., University of Illinois, Mathematics (2000)

PUNCHARD, MARGARET, *Assist Professor of Nursing*
B.S.N. Louisiana State University
M.S.N., East Tennessee State University (2015)
Registered Nurse

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B.S., University of Tennessee-Animal Science
M.S., University of Wyoming-Reproductive Physiology
Ph.D., Louisiana State University-Reproductive Physiology and Endocrinology (1996)

RAINES, B. DIANE, *Professor of English*
B.S., University of Tennessee-English Education
M.A., Tennessee Technological University-English (1995)
Ed.D., University of Tennessee-Instructional Technology and Educational Studies (2003)

RATH, DAVID E., *Associate Professor of Business*
A.A.S., Genesee Community College-Travel & Tourism
B.S., State University College at Buffalo-Marketing and Distributive Education
M.S., State University College at Buffalo-Multi Disciplinary Studies (1982)

ROBERSON, VALERIA, *Associate Professor of Speech and Theatre*
B.A., Berea College-History
M.F.A., University of Tennessee-Theatre (1991)

ROGERS, AMANDA, *Instructor of English*
B.A., University of Pikeville - English
M.A., Marshall University - English (2006)

RUDOLPH, JOHNNIE J., *Associate Professor of Math/Science*

A.S., Cleveland State-Design and Drafting
B.A., University of Tennessee-Architecture (1976)

SAFDIE, ROBERT, *Associate Professor of Psychology/Business*
B.A., University of Tennessee-Psychology
M.A., Middle Tennessee State University-General Clinical Psychology
(1976)

SAIN, SUSAN J., *Associate Professor and Fieldwork
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B.S., University of Wisconsin-Occupational Therapy
M.S., University of Tennessee-Health Education/Promotion (1995)
Licensed and Registered Occupational Therapist (OTR/L)

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Ph.D., University of Illinois-Biology (1988)

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B.A., Bob Jones University – History
M.A., Bob Jones University - English (2010)

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B.S., Rensselaer Polytechnic Institute-Geology
M.S., Louisiana State University-Geology
M.B.A., University of Texas-Concentration in Environmental Economics
Ph.D., University of Tennessee-Ecology (1997)

SEXTON, JEFF, *Associate Professor of Mathematics*
B.S., Tennessee Technological University-Business Administration
M.A., Tennessee Technological University-Educational Administration
and Supervision (1991)

SHLOUSH, MARCIA G., *Associate Professor of Nursing*
B.S.N., University of Tennessee-Nursing
M.S., University of Tennessee-Child Development
M.S.N., University of Phoenix-Nursing Education (2008)
Registered Nurse

SIERGIEJ, PAMELA, *Professor of Biology*
B.A., Seton Hill University-Biology
Ph.D., University of Tennessee-Biomedical Sciences (1994)

SPURGEON, MARCIA M., *Assistant Professor of Nursing*
B.S.N., West Indies College-Nursing
M.S., University of North Carolina at Greensboro-Nursing Administration
(1998)
Registered Nurse

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B.S. - Tennessee Technological University – Secondary Education,
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B.S. - Tennessee Technological University – English, Journalism
B.A. - Tennessee Technological University – English
M.F.A. - George Mason University – Creative Writing (2003)

STERNFELS, RONALD, *Professor of Chemistry*
B.S., City College of New York-Chemistry
M.S., University of Rochester-Chemistry
M.B.A., University of New Haven-Business (1987)
Ph.D., New York University-Chemistry (1976)

STILES, SAUNDRA, *Program Director for Early Childhood Education
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B.A., University of Maryland University College-Psychology
M.A., University of Concordia-Early Childhood Education (2005)

STOKES, SALVATRICE (SALLY) D., *Assistant Professor, Opticianry
Program*
A.O.S., Albany Business College-Accounting and Business
Administration
A.A.S., Mater Dei College-Ophthalmic Dispensing (1991)
Licensed Optician (LDO)

STRYK, THEODORE, *Associate Professor of Philosophy and English*
B.A., Carson Newman College-Religion and Philosophy
M.A., University of Tennessee-Philosophy
M.A., Northern Arizona University-English (2006)

THOMASON, SARAH K., *Associate Professor of English*
B.S., University of Tennessee-Education
M.S., University of Tennessee-English Education (1974)

TUCKER, JENNIFER D., *Associate Professor, EMT-Paramedic Program
and Coordinator, First Responder Dual Enrollment*
B.S.N., University of Tennessee-Nursing
M.S., University of Tennessee-Exercise Physiology (1987)
Registered Nurse (RN)
Licensed Emergency Medical Technician (EMT-IV)
EMT Instructor/Coordinator (EMT-I/C)

VILLARREAL, SUSANNA C., *Assistant Professor of Education*
A.S., Roane State Community College - General
B.A., Brigham Young University - History
M.A., Tennessee Technological University - Curriculum and Instruction
(2009)

WARD, DIANE, *Professor of Education*
B.S., West Virginia University-Secondary Education/Science
M.A., Tennessee Technological University-Education/Instructional
Leadership
Ph.D. Capella University-Education/Instructional Design for Online
Learning (2009)

WARD, A. STEVEN, *Associate Professor of Chemistry*
B.A., West Virginia University-Chemistry
M.S., West Virginia University-Chemistry (1985)

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B.S., University of Tennessee-Communications
M.S., University of Tennessee-Communications
Ed.D., East Tennessee State University-Educational Leadership (2016)

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A.S., Walters State Community College-Nursing
B.A., University of Tennessee-Psychology
M.S.N., University of Tennessee-Nursing (1998)
Registered Nurse

WIBKING, KATHRYN, *Assistant Professor Biology*
B.S., University of Tennessee-Ecology and Evolutionary Biology
B.S.N., University of Tennessee-Nursing
D.V.M., University of Tennessee-Veterinary Medicine (2010)

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B.F.A., University of Tennessee-Ceramics
M.F.A., University of Tennessee-Ceramics (1999)

WINDHAM, DONALD L., *Professor of Psychology*
A.A., Macon College-Social Science and Psychology
B.S., Berry College-Psychology
Ph.D., University of Tennessee-Psychology (1989)

WURTH, PATSY, *Associate Professor of Geographic Information Systems and Geography*
B.S., Murray State University-Occupational Safety and Health
M.S., Murray State University-Geography/Geosciences (1991)

YAGER, KEN, *Associate Professor, Paralegal Program Director*
B.A., University of Tennessee-Liberal Arts
M.S.-University of Tennessee-Education
J.D.-Memphis State University College of Law-Law

York, Darren, *Assistant Professor of Psychology*
A.A., Roane State Community College
B.A., Tennessee Technological University - English
M.A., Austin Peay State University - Psychology (1996)

YOUNG, MARTIN, *Associate Professor, EMT-Paramedic Program*
B.A., Mississippi State University-Communications (1989)
Licensed Tennessee State Paramedic Instructor/Coordinator (P-I/C)

ZHANG, Z. STEVEN, *Associate Professor of Computer Science*
B.S., Jilin University-Physics
M.S., Chinese Academy of Sciences-Solid State Physics
M.Eng., National University of Singapore-Electrical Engineering
M.S., Mississippi State University-Computer Science
Ph.D., University of California Irvine-Electrical and Computer Engineering (2007)

PRESIDENT EMERITUS

GOFF, GARY, *President Emeritus, 2012*
B.S., Middle Tennessee State University-Political Science
M.B.A., Southwest Missouri State University-Management
Ed.D., University of South Florida-Education Leadership (2004)

PROFESSOR EMERITUS

MINTER, ANNE P., (Deceased), *Professor Emeritus, 1988*
B.S., Georgia College at Milledgeville-Chemistry
M.A., Duke University-Micro-biology
Ed.D., University of Tennessee-Science in Higher Education (1973-1988)

GLOVER, IRVING T., *Professor Emeritus, 2003*
B.S., University of North Carolina-Science Education
M.Ed., University of North Carolina-Education
Ph.D., University of Virginia-Chemistry (1964)

HOWARD, BENJAMIN S., *Professor Emeritus, 2003*
B.A., University of Tennessee-English
M.A., University of Tennessee-German
Ph.D., University of Georgia-Comparative Literature (1972)

KIRKPATRICK, MELVIN A., *Professor Emeritus, 2004*
B.S., Tennessee Technological University-Mathematics, Secondary Education
M.S.T., Middle Tennessee State University-Mathematics
Ed.D., University of Tennessee—Curriculum and Instruction, Mathematics Education (1978)

CHARTON, FRANK (PETE), *Professor Emeritus, 2008*
B.A., George Peabody College-Social Studies
M.A., Michigan State University-Geography
Ph.D., Michigan State University-Geography (1972)

MANNING, WANDA H., *Professor Emeritus, 2008*
A.S., Roane State Community College-Education
B.S., Tennessee Technological University-Secondary Education, Biology
M.S., Tennessee Technological University-Secondary Education
Ed.D., University of Tennessee-Curriculum and Instruction (1997)

SMITH, CHARLES E., *Professor Emeritus (Deceased), 2012*
Ed.D., University of Tennessee-Educational Administration (1981)

BAILEY, PATRICIA, *Professor Emeritus, 2013*
A.S., Roane State Community College-General
B.A., University of Tennessee-Biology
M.S.S.W., University of Tennessee-Social Work
Ph.D., University of Tennessee-Instructional Theory and Practice in Mathematics (1996)

BROWN, PATRICIA, *Professor Emeritus, 2013*
A.S., Roane State Community College-Secondary Education/Mathematics
B.S., Tennessee Technological University-Secondary Education/
Mathematics
M.S., Tennessee Technological University-Secondary Education
Ed.D., University of Tennessee-Curriculum and Instruction/
Mathematics Education (1996)

MURRAY, WILLIAM, *Professor Emeritus, 2013*
B.S. University of Cincinnati-Chemical Engineering
M.S., University of Tennessee-Chemical Engineering (1970)

CONDON, JAMES B., *Professor Emeritus, 2015*
A.B., State University of New York at Binghamton
Ph.D., Iowa State University (1968)

FISHER, BRUCE., *Professor Emeritus, 2015*
B.S., Lincoln Memorial University-Biology
M.S., University of Tennessee-Zoology
Ph.D., University of Tennessee-Zoology (1974)

MILLER, DONALD E., *Professor Emeritus, 2015*
B.S., Brigham Young University-Youth Leadership
B.A., Brigham Young University-Archaeology
M.A., Brigham Young University-Archaeology
Ph.D., University of Tennessee-Education (1987)

PUCKETT, DAVID, *Professor Emeritus, 2016*
B.S., Tennessee Technological University - Accounting
M.B.A., Middle Tennessee State University - Business
Ed.D., North Carolina State University - Adult and Community College Education (1994)

FACULTY EMERITUS

HOLDER, MABRE M., *Faculty Emeritus (Deceased), 2003*
B.S., Middle Tennessee State University-Business (Marketing)
M.B.A., Middle Tennessee State University-Business (Marketing) (1974)

KRING, JAMES B., *Faculty Emeritus, 2007*
B.A., Maryville College-Biology
M.S., University of Tennessee-Botany (1965)

GARNER, SUSAN, *Faculty Emeritus, 2008*
B.S., Middle Tennessee State University-Health, Physical Education,
Recreation
M.Ed., Middle Tennessee State University-Health, Physical Education,
Recreation (1974)

HOAGLAND, JUDY K., *Faculty Emeritus, 2008*
B.S., Middle Tennessee State University-Political Science
M.A., University of Tennessee-Political Science (1973)

HOWARD, REBECCA (BECKY) M., *Faculty Emeritus, 2008*
B.S., North Carolina State-Mathematics
M.A.M., North Carolina State-Mathematics (1968)

PHILLIPS, BARBARA (Deceased), *Faculty Emeritus, 2008*
B.S., St. Bonaventure University-Math
M.S., St. Bonaventure University-Mathematics Education (1973)

POWERS, ANNE S., *Faculty Emeritus, 2008*
B.F.A., University of Tennessee-Painting
M.S., University of Tennessee-Art Education
M.F.A., University of Tennessee-Graphic Design (Computer Enhanced
Design) (1995)

HOAGLAND, WILLIAM M., *Faculty Emeritus, 2011*
M.S.S., University of Mississippi-History (1966)

ANDREWS, REBECCA L., *Faculty Emeritus, 2012*
M.S., Oklahoma State University-Accounting (1967)
C.P.A., State of Tennessee

BARTH, ROBERT C., *Faculty Emeritus, 2012*
B.S., Union University—Mathematics
M.S., University of Tennessee—Mathematics Education (1978)

BROWN, JAMES E., *Faculty Emeritus, 2012*
B.A., Athens College—Art
M.A., University of Alabama—Art (1966)

KNOX, JAMES M., *Faculty Emeritus, 2012*
B.S., Tennessee Technological University—Secondary Education, French
M.A., Tennessee Technological University—English (1978)

SMITH, BILLY L., *Faculty Emeritus (Deceased), 2012*
M.M., University of Tennessee-Mathematics (1974)

THAIS, DAVID F., *Faculty Emeritus, 2012*
M.B.A., Indiana State University-Business Administration (1974)

CORDELL, SHARON, *Faculty Emeritus, 2013*
B.S., Cumberland College-Education/English
M.S., Tennessee Technological University-Education/Reading (1974)

BORIN, BRUCE L., *Faculty Emeritus, 2015*
B.S., University of Nebraska-Education
M.A., East Tennessee State University-English and Speech (1975)

POULIN, GERALD D., *Faculty Emeritus, 2015*
B.A., Middle Tennessee State University-French and English
M.A.C.T., Middle Tennessee State University-English (1971)

SEATON, MARY SUZIN, *Faculty Emeritus, 2015*
B.S., Middle Tennessee State University-English
M.A., Middle Tennessee State University-English (1977)

SPITZER, PRISCILLA W., *Faculty Emeritus, 2015*
B.S.N. Emory University – Nursing
M.N., Emory University-Adult Health Nursing (1977)
Registered Nurse

TEETER, W. SCOTT, *Faculty Emeritus, 2015*
B.S., Eastern Kentucky University-Law Enforcement
M.S., Eastern Kentucky University-Criminal Justice Education (1976)

WORKS, LARRY P., *Faculty Emeritus, 2015*
B.S., East Tennessee State University—Health and Physical Education
M.S., University of Montana—Health, Physical Education and
Psychology (1968)

CHITWOOD, DORIS, *Faculty Emeritus, 2016*
B.S., Cumberland College-Mathematics
M.A., Cumberland College-Secondary Education
Ed.S., Tennessee Technological University - Administration and
Supervision (1987)

EASTRIDGE, DARRELL M., *Faculty Emeritus, 2016*
A.S., Cleveland State Community College
B.A., Ottawa University-Health Care and Education
M.A.T., Carson Newman College
Ed.S., Lincoln Memorial University-Curriculum Instruction (1994)
Certified Respiratory Therapy Technician (CRTT)

Adjunct Faculty

The adjunct faculty listed have served Roane State Community College for five or more years.

ABRAHAMSEN, SVEND, *Biology*
D.P.M., New York College of Podiatric Medicine (1971)

ADCOCK, WADE, *Political Science*
M.S., Middle Tennessee State University - Public Administration (1986)

ALLRED, TRACY, *Psychology*
Ph.D., University of Louisville-Psychology (1991)

BAILEY, PATRICIA G., *Mathematics*
Ph.D., University of Tennessee-Instructional Theory and Practice in
Mathematics (1996)

BAILEY-FOX, LILLIAN, *Health and Physical Education*
M.A., University of Central Florida-Health and Physical Education (1983)

BAIRD, SHARON, *Speech*
M.A., Tusculum College - Education (org. Training & Education) (2004)

BELOW, QUENTIN, *Accounting*
M.B.A., Golden Gate University - Graduate Business (2008)

BOULDIN, C. LARRY, *Mathematics*
Ed.D., University of Tennessee-Curriculum and Instruction, Mathematics
Education (1982)

BRADSHAW, David, *Business*
M.S., University of Tennessee-Business Administration (1993)

BRASKI, DAVE, *MSC and Chemistry*

- M.S., Virginia Polytechnic Institute-Metallurgical Engineering (1965)
- BRIDGES, Nancy, *College Learning Strategies*
M.S., Trevecca Nazarene College-Education (1991)
M.S., Tennessee Technological University-Education Psychology (1991)
- BROWN, KYRA, *Health Information Technology*
B.S., Tusculum College, Organizational Management (2000)
- BUCK, VELMA, *Mathematics*
M.A., Vanderbilt University-Mathematics (1968)
- BUTCHER, KATHLEEN, *Health*
M.P.H., San Diego State University-Public Health (2006)
- CHADWELL, CLIFFORD, *Accounting*
M.A., Gardner-Webb University - Accounting (2007)
- CHITWOOD, DORIS, *Mathematics*
Ed.S., Tennessee Technological University - Administration and Supervision (1987)
- CHRISMAN, TED D., *Biology*
Ph.D., Vanderbilt University-Anatomy and Molecular Biology (1974)
- CORDELL, SHARON, *Education*
M.S., Tennessee Technological University-Education/Reading (1974)
- COY, DANIEL, *History*
M.A., University of Tennessee-History (2004)
- CRAZE, LARRY, *Management*
M.S., University of Tennessee-Technological and Adult Education (1994)
- CROMWELL, Crystal, *Early Childhood Education*
M.S., Middle Tennessee State University-Early Childhood Education (2012)
- CROWELL, GABRIEL, *History*
M.A., University of Tennessee - Knoxville - European History (2001)
- DAVIS, J.C., *History*
Ed.S., Tennessee Technological University - Education (1982)
- DAVIS, MICHAEL, *Law*
J.D., Memphis State University - Law (1986)
- DENISON, DAVID B., *Mathematics*
M.S., University of Tennessee, Knoxville - Education (2003)
- DESJEAN, TOM, *Sociology*
M.A., University of Florida-Anthropology (1986)
- DUNIGAN, FLORINDA, *Spanish*
M.A., Tennessee Technological University-Special Education (1977)
- FELTNER, KAREN, *Health Information Technology*
B.A., The College of St. Scholastica-Health Information Management (2006)
Registered Health Information Administrator (RHIA)
Certified Coding Specialist (CCS)
- FICKEY, TINA, *Health Information Technology*
A.S., Roane State Community College (1983)
- FIELDS, ANNELL S., *Biology*
M.A.T., Vanderbilt University (1980)
- FIELDS, DAVID E., *Astronomy*
Ph.D., University of Wisconsin-Solid State Physics (1972)
- FRAGOPOULOS, PEGGY, *English*
M.A., Tennessee Technological University-English (1982)
- GARMON, JEAN, *Mathematics*
B.S., Tennessee Technological University-Engineering (1979)
- GARMON, JOSEPH, *Mathematics*
B.S., Middle Tennessee State University - Chemistry (1967)
- GLENN, BETTY, *Business and Computer Science*
A.A., Roane State Community College-General Studies
B.A., University of Tennessee-English
M.B.A., Tennessee Technological University-Business Administration (1989)
- GORE, J.R., *EMT Paramedic*
Licensed Tennessee State Paramedic
- GREER, RYAN, *Mathematics*
M.S., Tennessee Technological University - Civil Engineering (1980)
- GURLEY, BRADLEY M., *Biology*
M.D., University of Memphis - Medicine (1990)
- HAMILTON, NANCY, *Psychology*
Ed.S. Tennessee Tech University -Educational Psychology (2014)
- HAMLET, Tracy, *Geographic Information Systems*
B.S., Tennessee Technological University-Geology (1998)
- HARJALA, DAVID E., *Mathematics*
M.A., Northern Michigan University-Mathematics Education (1980)
- HATMAKER, JULIE, *Mathematics*
M.S., Lincoln Memorial University-Administration & Supervision (1989)
- HEATHERLY, LINDA, *Education*
M.S., University of Tennessee-Special Education
- HEIDRICH, PUINOR (DORIS), *Nutrition*
M.S., University of Tennessee-Home Economics (1982)
- HENN, CATHERINE, *Biology*
B.S., Tennessee Technological University - Biology (1977)
- HEYS, David, *Business*
M.S., Western Michigan University-Business Administration/Management (1971)
- HILL, MICHAEL, *English*
M.A., Univeristy of Tennessee - Knoxville - English (1991)
- HIPKINS, VIOLA, *Physical Education*
M.A., Union College (1981)
- HOAGLAND, WILLIAM M., *Political Science and History*
M.S.S., University of Mississippi-History (1966)
- HONEYCUTT, TERESA, *Mathematics*

- M.S., Middle Tennessee State University-Mathematics (1978)
- HOUSTON, AMANDA, *Accounting*
B.S., Tennessee Technological University - Business Administration (1997)
- HOWARD, REBECCA M., *Mathematics*
M.A.M., North Carolina State-Mathematics (1968)
- HULL, HEATHER, *Health Information Technology*
A.A.S., Roane State Community College (2002)
- HUMPHREY, DENNIS, *Criminal Justice*
J.D., Nashville School of Law-Law (1981)
- HUMPHREYS, JAMES, *History*
M.A., University of Tennessee - History (2014)
- JEFFERS, JODI, *Mathematics*
M.M., University of Tennessee-Mathematics (1990)
- JENKINS, ANTHONY, *Biology*
D.V.M., Auburn University (1968)
- JENKINS, JEFFERY, *Psychology*
M.A., University of Tennessee, Knoxville-Psychology (1994)
- JENNINGS, JENNIFER, *Early Childhood Education*
M.S., University of Tennessee, Knoxville - Early Childhood Education (2001)
- JOHNSON, KAREN, *Medical Transcription*
B.S., University of MN (1975)
- JOHNSON, MARGARET, *Education*
B.S., Tennessee Technological University - Secondary Education (1979)
- KRIES, CARL E., *Physical Education*
M.A., Union College-Education (1983)
- LANDENBERGER, JILL, *Psychology*
M.A., Lesley University – Counseling Psychology (1996)
- LEACH, CINDY, *Occupational Therapy*
A.A.S., Occupational Therapy, Roane State Community College (2007)
- LOVETT, ERIC, *History*
M.A., Wright State University - History (1997)
- MARLOW, LORETTA, *Physical Education*
B.S., Tennessee Technology University – Physical Education (1979)
- MATHIS, GARY S., *Mathematics*
M.A. Tennessee Technological University-Education-Administration and Supervision (1982)
- MCCROSKEY, Stanley, *Criminal Justice*
M.S., University of Tennessee Chattanooga-Criminal Justice (1995)
- MCCULLOUGH, SHELTON, *Physical Education*
A.A.S., Pellissippi University - Networking and Computer Systems 1st Dan Black Belt, Kikkowon - Taekwondo (1994)
- MCKERNAN-VEITH, BARBARA, *Chemistry*
Ph.D., Rutgers University - Chemistry (2001)
- MCMEEKIN, KAREN, *Physical Education*
B.S., University of South Florida - Physical Education (1993)
- MCNAMARA, Paul, *Physical Education*
M.S., Spring Hill College-Theology (2009)
- MEADOWS, SHANNON, *Biology*
M.S., Louisiana State University Medical Center-Microbiology (1996)
- MILLER, DONALD E., *Anthropology and Sociology*
Ph.D., University of Tennessee-Education (1987)
- MILLER, GREG, *Law, Political Science*
J.D., University of Tennessee Law School-Law (1982)
- MIODUSKI, JERRY E., *Mathematics*
M.S., University of Tennessee-Management Science (1999)
- MOLCHAN, Rick, *Business and Physical Education*
M.S., Regis University -Business Administration (2006)
PADI Certified Master Scuba Diver Trainer
- MOWERY, SAMMIE, *Speech*
M.S., University of Tennessee-Adult Education (1983)
- MURPHY, TRESSA, *Mathematics*
Ed.D., Lincoln Memorial University-Executive Leadership (2011)
- NAGGE, HAROLD, *Music*
M.M., University of Tennessee-Music (1994)
- NEMETH, RUDOLPH, *Music*
M.A., Pedagogical University of Pavol Jozef Safarik Presov
Czechoslovakia-Music and Language Education (1976)
- NIEMI, SUE, *Physical Education*
B.S., Northern Michigan University - Physical Education (1993)
- NORA, PATRICIA, *Business*
M.A.O.M., Tusculum College - Organizational Management (2004)
- OAKLEY, COLLEEN, *Occupational Therapy*
- PATE, J. PATRICK, *Art*
M.S., University of Tennessee - Knoxville - Library Information Science (1985)
- PEARSON, SUSAN, *Education*
Ed.S., Tennessee Technological University-Supervision & Administration (1997)
- PEAVYHOUSE, AMANDA, *Music*
M.M., Georgia State University – Vocal Performance (2008)
- PUCKETT, DAVID, *Business/Economics*
B.S., Tennessee Technological University - Accounting
M.B.A., Middle Tennessee State University - Business
Ed.D., North Carolina State University - Adult and Community College Education (1994)
- ROSSI, JENNIFER, *Health*
M.S., Indiana State University - Athletic Training (2002)
- ROTELLINI, LANA J., *Philosophy*
M.A., Antioch University McGregor (2006)

SCHROCK, GISELA, *Art*
 M.S., University of Tennessee, Curriculum and Instruction (Art Education) (1993)

SELLERS, JAN, *Psychology*
 M.A., Liberty University-Counseling (2004)

SEXTON, DEBBY, *Education*
 Ed.S., Tennessee Technological University-Administration and Supervision (1992)

SNELL, JEFF, *Psychology*
 M.S., University of Tennessee, Knoxville-Educational Psychology (1992)

STEVENS, CYNTHIA, *Music*
 M.A., University of Tennessee-Vocal Performance (1991)

STULTS, DALLAS, *Physical Education*
 M.S., University of Tennessee, Knoxville - School Health Administration (1972)

SUTTLES, BARBRA, *Philosophy*
 M.P.S., Loyola University (2002)

TEAGUE, ROBERT SHANN, *Mathematics*
 M.M., University of Tennessee - Mathematics (1992)

TERRY, DAN, *Physical Education*
 M.A., Tennessee Technology University - Instructional Leadership (2001)

TERRY, JASON, *Physical Education*
 Ed.S., Tennessee Technological University - Physical Education (2005)

VAN HOOK, JOSEPH H., *Law*
 J.D., University of Memphis School of Law-Law (1976)

VOLKERS, K. CHAD, *Music*
 M.M., University of Tennessee - Knoxville - Music (2003)

WHALEY, CHRISTOPHER L., *Law*
 J.D., University of Tennessee College of Law-Law (1994)

WILLIS, REBECCA, *Health Information Technology*
 A.S., Medical Record Technology

WORKS, LARRY, *Psychology*
 M.S., University of Montanan-Health Physical Education and Psychology (1968)

WRIGHT, Danny, *Criminal Justice*
 M.S., University of North Georgia-Criminal Justice (2013)

WRIGHT, KAREN, *Early Childhood Education*
 M.A., Tennessee Technological University - Curriculum and Instruction (2011)

YOUNG, MARK, *Geographic Information Systems*
 M.S., Virginia Polytechnic Institute and State University-Forestry and Forest Products (1990)

Academic Calendar

2016 Fall Semester

Full Term

Web Registration Begins	Monday	April 4
Faculty Report	Monday	August 15
Last Day for 100% Refund for Full Term	Sunday	August 21
Classes Begin	Monday	August 22
Last Day to Drop/Withdraw Without a Grade of "W"	Sunday	September 4
Last Day for 75% Refund for Full Term	Sunday	September 4
Labor Day Holiday	Monday	September 5
Graduation Applications for Fall Due	Tuesday	September 6
Last Day for 25% Refund for Full Term	Sunday	September 18
Graduation Applications for Spring/Summer Due	Friday	October 7
Fall Break	Monday-Tuesday	October 10-11
Last Day to Withdraw from Classes	Monday	October 31
Last Day to Change from Credit to Audit	Monday	October 31
Thanksgiving Holiday	Wednesday-Sunday	November 23-27
Last Day of Classes	Monday	December 5
Examination Period	Tuesday-Thursday	December 6-8
Grades Due - Noon	Friday	December 9

Accelerated Terms (Five Weeks)

Last Day for 100% Refund for Term I	Sunday	August 21
Term I Begins	Monday	August 22
Last Day for 75% Refund for Term I	Friday	August 26
Last Day for 25% Refund for Term I	Wednesday	August 31
Labor Day Holiday	Monday	September 5
Last Day to Withdraw from Term I	Wednesday	September 14
Term I Ends	Monday	September 26
Last Day for 100% Refund for Term II	Monday	September 26
Term II Begins	Tuesday	September 27
Last Day for 75% Refund for Term II	Saturday	October 1

Last Day for 25% Refund for Term II	Thursday	October 6
Fall Break	Monday-Tuesday	October 10-11
Last Day to Withdraw from Term II	Thursday	October 20
Last Day for 100% Refund for Term III	Tuesday	November 1
Term II Ends	Tuesday	November 1
Term III Begins	Wednesday	November 2
Last Day for 75% Refund for Term III	Sunday	November 6
Last Day for 25% Refund for Term III	Friday	November 11
Thanksgiving Holiday	Wednesday-Sunday	November 23-27
Last Day to Withdraw from Term III	Friday	November 25
Term III Ends	Thursday	December 8

First 7 Week Classes – Term I

Last Day for 100% Refund	Sunday	August 21
Classes Begin	Monday	August 22
Last Day for 75% Refund	Saturday	August 27
Last Day for 25% Refund	Friday	September 2
Labor Day Holiday	Monday	September 5
Last Day to Withdraw	Thursday	September 22
Last Day to Change from Credit to Audit	Thursday	September 22
Last Day of Classes	Sunday	October 9

Second 7 Week Classes – Term II

Last Day for 100% Refund	Tuesday	October 11
Classes Begin	Wednesday	October 12
Last Day for 75% Refund	Tuesday	October 18
Last Day for 25% Refund	Tuesday	October 25
Last Day to Withdraw	Wednesday	November 16
Last Day to Change from Credit to Audit	Wednesday	November 16
Thanksgiving Holiday	Wednesday-Sunday	November 23-27
Last Day of Classes	Monday	December 5

10 Week Classes – Term I

Last Day for 100% Refund	Sunday	August 21
Classes Begin	Monday	August 22
Last Day for 75% Refund	Tuesday	August 30
Last Day for 25% Refund	Thursday	September 8
Last Day to Withdraw	Saturday	October 8
Last Day to Change from Credit to Audit	Saturday	October 8
Fall Break	Monday-Tuesday	October 10-11
Last Day of Classes	Tuesday	November 1

10 Week Classes – Term II

Last Day for 100% Refund	Monday	September 19
Classes Begin	Tuesday	September 20
Last Day for 75% Refund	Thursday	September 29
Last Day for 25% Refund	Sunday	October 9
Fall Break	Monday-Tuesday	October 10-11
Last Day to Withdraw	Wednesday	November 9
Last Day to Change from Credit to Audit	Wednesday	November 9
Thanksgiving Holiday	Wednesday-Sunday	November 23-27
Last Day of Classes	Monday	December 5

Accelerated, 7 Week, 10 Week and Weekend classes observe the same holidays and breaks as Full Term Classes.

Please refer to the Contemporary Management website for specific dates of each accelerated class. <http://www.roanestate.edu/mgt>

2017 Spring Semester

Full Term

Web Registration Begins	Monday	November 14, 2016
Faculty Report	Thursday	January 5
Last Day for 100% Refund for Full Term	Monday	January 16
Martin Luther King Holiday	Monday	January 16
Classes Begin	Tuesday	January 17
Last Day to Drop/Withdraw Without W Grade	Monday	January 30
Last Day for 75% Refund for Full Term	Monday	January 30
Last Day for 25% Refund for Full Term	Monday	February 13
Spring Break	Monday-Sunday	March 6 -12
Last Day to Withdraw from Classes	Wednesday	March 29
Last Day to Change from Credit to Audit	Wednesday	March 29
Academic Festival	Thursday-Friday	March 30-31
Good Friday Holiday	Friday	April 14
Last Day of Classes	Monday	May 1
Examination Period	Tuesday-Thursday	May 2-4
Grades Due - Noon	Friday	May 5
Graduation	Friday-Saturday	May 5 & 6

Accelerated Terms (Five Weeks)

Last Day for 100% Refund for Term I	Monday	January 16
Term I Begins	Tuesday	January 17
Last Day for 75% Refund for Term I	Saturday	January 21
Last Day for 25% Refund for Term I	Thursday	January 26
Last Day to Withdraw from Term I	Wednesday	February 8
Term I Ends	Monday	February 20
Last Day for 100% Refund for Term II	Monday	February 20
Term II Begins	Tuesday	February 21
Last Day for 75% Refund for Term II	Saturday	February 25
Last Day for 25% Refund for Term II	Thursday	March 2
Spring Break	Monday-Sunday	March 6 -12
Last Day to Withdraw from Term II	Monday	March 20
Academic Festival	Thursday-Friday	March 30-31
Term II Ends	Monday	April 3
Last Day for 100% Refund for Term III	Monday	April 3
Term III Begins	Tuesday	April 4
Last Day for 75% Refund for Term III	Friday	April 7
Last Day for 25% Refund for Term III	Tuesday	April 11
Good Friday Holiday	Friday	April 14
Last Day to Withdraw from Term III	Sunday	April 23
Term III Ends	Thursday	May 4

First 7 Week Classes – Term I

Last Day for 100% Refund	Monday	January 16
Classes Begin	Tuesday	January 17
Last Day for 75% Refund	Monday	January 23
Last Day for 25% Refund	Monday	January 30
Last Day to Withdraw	Wednesday	February 22
Last Day to Change from Credit to Audit	Wednesday	February 22
Last Day of Classes	Monday	March 13

Second 7 Week Classes – Term II

Last Day for 100% Refund	Monday	March 13
Classes Begin	Tuesday	March 14
Last Day for 75% Refund	Monday	March 20
Last Day for 25% Refund	Monday	March 27
Academic Festival	Thursday-Friday	March 30-31
Good Friday Holiday	Friday	April 14
Last Day to Withdraw	Saturday	April 15
Last Day to Change from Credit to Audit	Saturday	April 15
Last Day of Classes	Monday	May 1

10 Week Classes – Term I

Last Day for 100% Refund	Monday	January 16
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Classes Begin	Tuesday	January 17
Last Day for 75% Refund	Thursday	January 26
Last Day for 25% Refund	Sunday	February 5
Last Day to Withdraw	Tuesday	March 7
Last Day to Change from Credit to Audit	Tuesday	March 7
Spring Break	Monday-Sunday	March 6 - 12
Academic Festival	Thursday-Friday	March 30-31
Last Day of Classes	Monday	April 3

10 Week Classes – Term II

Last Day for 100% Refund	Monday	February 13
Classes Begin	Tuesday	February 14
Last Day for 75% Refund	Thursday	February 23
Last Day for 25% Refund	Sunday	March 5
Spring Break	Monday-Sunday	March 6 - 12
Last Day to Withdraw	Tuesday	March 7
Last Day to Change from Credit to Audit	Tuesday	March 7
Academic Festival	Thursday-Friday	March 30-31
Good Friday Holiday	Friday	April 14
Last Day of Classes	Monday	May 1

2017 Summer Semester

Expanded Term

Web Registration Begins	Monday	November 14, 2016
Last Day for 100% Refund for Expanded Term	Sunday	May 7
Classes Begin	Monday	May 8
Last Day to 75% Refund for Expanded Term	Thursday	May 18
Last Day to Withdraw Without a Grade of W	Sunday	May 21
Memorial Day Holiday	Monday	May 29
Last Day to 25% Refund for Expanded Term	Monday	May 29
Last Day to Withdraw from Classes	Friday	June 30
Last Day to Change from Credit to Audit	Friday	June 30
Fourth of July Holiday	Tuesday	July 4
Last Day of Classes	Friday	July 28
Grades Due – Noon	Monday	July 31

Maymester

Last Day for 100% Refund for Maymester	Sunday	May 7
Classes Begin	Monday	May 8
Last Day for 75% Refund for Maymester	Wednesday	May 10
Last day for 25% Refund for Maymester	Saturday	May 13
Last Day to Withdraw from Classes	Friday	May 19
Last Day to Change from Credit to Audit	Friday	May 19
Last Day of Classes	Friday	May 26

Full Term

Last Day of 100% Refund for Full Term	Sunday	June 4
Classes Begin	Monday	June 5
Last Day for 75% Refund for Full Term	Sunday	June 11
Last Day for 25% Refund for Full Term	Sunday	June 18
Fourth of July Holiday	Tuesday	July 4
Last Day to Withdraw from Classes	Monday	July 10
Last Day to Change from Credit to Audit	Monday	July 10
Last Day of Classes	Friday	July 28

First Term

Last Day for 100% Refund for First Term	Sunday	June 4
Classes Begin	Monday	June 5
Last Day for 75% Refund for First Term	Thursday	June 8
Last Day for 25% Refund for First Term	Monday	June 12
Last Day to Withdraw from Classes	Wednesday	June 21
Last Day to Change from Credit to Audit	Wednesday	June 21
Last Day of Classes	Friday	June 30

Second Term

Last Day for 100% Refund for Second Term	Sunday	July 2
Classes Begin	Monday	July 3
Holiday July 4th	Tuesday	July 4
Last Day for 75% Refund for Second Term	Thursday	July 6
Last Day for 25% Refund for Second Term	Monday	July 10
Last Day to Withdraw from Classes	Tuesday	July 18
Last Day to Change from Credit to Audit	Tuesday	July 18
Last Day of Classes	Friday	July 28

First Term Contemporary Management accelerated courses begin Monday June 5th.

Second Term Contemporary Management accelerated courses begin Monday July 3rd.

Please refer to the Contemporary Management website for specific dates of each accelerated class. <http://www.roanestate.edu/mgt>

Regulations

Admission Procedures

Admission to the College

RSCC can aid in the intellectual development of anyone who wants to take advantage of a high-quality, low-cost, state-supported educational experience. The following sections describe in detail the costs and procedures for admission to Roane State Community College.

The information included in this section of the catalog is provided to guide you through these steps. If you have questions which are not explained, please contact the Student Enrollment and Recruitment Office at (865) 882-4554 or 1-866-GO2-RSCC, ext. 4554. College tours may be scheduled at the Student Enrollment and Recruitment Office or at any off campus location.

Roane State Community College subscribes to the “open door” policy for admissions; however, prospective students must meet the admission requirement for the student classification for which they are seeking admission. If ACT or SAT scores and/or placement assessment results indicate any academic deficiencies, enrollment in certain courses could be limited. Regular admission is granted to those students whose ACT or SAT scores and/or placement results indicate there are no academic deficiencies.

The following general requirements apply, and more specific requirements are found under “General Student Classifications.”

1. Students must graduate from an approved high school, home school or receive a high school equivalency (HSE) diploma and submit to the Admissions Office an official high school transcript or an official copy of HSE scores. Transcripts for graduates from Tennessee public high schools must provide evidence that the student passed the required Tennessee Comprehensive Assessment Program (TCAP) or Gateway. *NOTE: The high school transcript must be a regular or honors diploma. A special education diploma or certificate of attendance DOES NOT meet this requirement.*
2. Students must file an application for admission. The application form must have all appropriate spaces completed. Knowingly supplying false information on the application may result in denial of admission or disciplinary action if already admitted.
3. All students must complete the Certificate of Immunization form or provide proof of two doses of Measles, Mumps, and Rubella (MMR) vaccines if born in or after 1957 and proof of two doses of the Varicella (Chicken Pox) vaccine if born in or after 1980.
4. All students must complete and sign the Hepatitis B Health History form.
5. All freshman applicants under 21 years of age must submit ACT or SAT scores. Information on the ACT may be obtained from the high school counselor, the Testing Center at RSCC, or by writing

to American College Testing, Inc., P.O. Box 168, Iowa City, Iowa 52242. Roane State Community College's ACT Code Number is 039850. This number should be used to request that scores be sent to RSCC.

6. Students who have graduated from a Tennessee high school and who have not earned one credit in American history while in the high school program are required to complete 6 semester hours of American history during their first 30 hours of regular enrollment at Roane State. This requirement does not affect the student who enters the college with a HSE diploma.
7. Provide proof of U.S. Citizenship or lawful presence in the United States.

All correspondence concerning your admission file except college transcripts should be addressed to:

Admissions and Records Office
Roane State Community College
276 Patton Lane
Harriman, Tennessee 37748

A candidate for admission should request application forms early enough to allow ample time for required materials to be forwarded to the Admissions and Records Office.

When all required documents have been received, the applicant will be sent a letter indicating that he/she has been accepted for admission or he/she will be advised by letter that further action is necessary in order to establish eligibility for admission. Applicants will be also advised when to appear for testing, advising, and registration.

The Student Right to Know Act, 34 CFR 668.41, requires all institutions who participate in financial assistance programs under Title IV of the Higher Education Act of 1965 and who award athletically-related student aid to publish the freshmen rate of athletically-related financial aid and the graduation rate or completion rate for all first-time, full-time, degree or certificate seeking freshmen who entered college by fall of 1996 and subsequent years. This information is available upon request from the Admissions and Records Office.

ADDITIONAL ADMISSION AND RETENTION REQUIREMENTS ARE IN EFFECT FOR ALLIED HEALTH SCIENCES AND NURSING PROGRAMS. PREFERENCE FOR ADMISSION WILL BE GIVEN TO RESIDENTS OF THE STATE OF TENNESSEE.

Admission Policies for Allied Health Sciences A.A.S. Degrees

Admission to the Programs

Due to limited enrollment, there are special admission policies for Allied Health Sciences (AHS) programs. The following policies are for: Dental Hygiene, Health Information Technology, Medical Informatics, Occupational Therapy Assistant, Opticianry, Physical Therapist Assistant, Radiologic Technology, and Respiratory Therapy Technology. (Admissions policies for Technical Certificate programs can be found on the individual program pages.)

1. Complete the Roane State Community College (RSCC)

admissions process to become an admitted student *AND*

2. The applicant must meet one of the following minimum academic requirements:
 1. Students under 21 years of age must attain a composite score of 20 or above on the ACT taken within the last 3 years OR attain a GPA of 2.50 or better after completion of at least 9 semester hours of general education courses required in the selected degree program.
 2. Students 21 years of age or older must attain a GPA of 2.50 or better after completion of at least 9 hours of general education courses required in the selected degree program.
3. Meet the admission requirements as specified for the selected degree program.

Note: Some degree programs have required prerequisites in addition to the 9 hours of general education courses and/or a minimum GPA greater than 2.50. These prerequisites are listed in the college catalog under the appropriate degree program.

Note: Some degree programs require an interview, if applicable, before the review date by the AHS Admissions Committee.

Note: Completing math and science courses required in some Allied Health Sciences degree programs with a grade of B or better may enhance the applicant selection ranking. Completing additional general education courses (i.e. English Composition I, College Algebra, Speech, etc.) may also result in a higher selections ranking.

Note: All Learning Support requirements must be completed for all degree programs prior to acceptance into the selected program.

Note: Applicants must be able to physically meet the demands of the job as defined by the discipline, available industry standards and the public's expectations.
4. The applicant must complete the electronic AHS Application by the published program deadline (listed below). Go to RaiderNet and click on "Apply for a Health Science Program".

Note: When choosing the Planned Course of Study, you may select up to three programs. If a program is not selected as a Planned Course of Study you will not be considered for the that program.
5. Complete all other entrance requirements detailed on the applicable AHS degree webpage.
6. Each Program Director will complete a list of recommended candidates for admission to their program indicating that all of the general and program admission criteria and required documents have been verified.

Note: Some degree programs require documented clinical observations or discipline-specific work experiences. Special consideration may be given to applicants with work experience. Each Program Director requiring clinical observation or discipline-specific work experience will verify clinical observations and/or discipline-specific work experience has been completed satisfactorily.
7. Final selection of students will be made by the Allied Health Sciences Admissions Committee.
8. Admission to the degree program is required prior to enrolling in AHS program discipline-specific courses.
9. Students will be notified electronically via RaiderNet email of acceptance to an AHS degree program. Students must acknowledge their acceptance via reply email by the designated response date stated in the acceptance email.
10. The Allied Health Sciences/Nursing Admissions Advisor will change the major of all accepted students to accurately reflect their program of study. Students may not register for discipline-

specific courses until their major has been changed.

All students meeting minimum criteria will be considered competitively, based on ACT score or GPA in required general education courses completed in some Allied Health Sciences programs. Completing math and science courses required in some programs with a grade of A or B could enhance your chance of being accepted. It will be to your benefit to complete as many general education courses as possible by application deadline. MEETING MINIMUM REQUIREMENTS DOES NOT GUARANTEE ACCEPTANCE. Students that do not meet minimum requirements will only be considered under special circumstances and on a space available basis. Preference will be given to Tennessee residents.

Criminal Background Checks

Criminal background checks and drug screening may be a requirement at affiliated clinical sites utilized for training in Allied Health Sciences and Nursing programs. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the requirements of the program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude licensure or employment. More information is available from your program director.

Health Guidelines

Students may be required to undergo a physical exam/health verification prior to enrollment. Students will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required to meet all health guidelines of affiliated clinical agencies. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled.

Program Application Deadlines

In order for applicants to have priority consideration for entrance into the Allied Health Sciences programs for the following fall semester, applications should be submitted as follows:

Program	Degree	RSCC Deadline for Fall class	RSCC Deadline for Spring class	RSCC Deadline for Summer class
Dental Hygiene	A.A.S.	February 28		
Diagnosis and Procedural Coding	Technical Certificate	June 15		
Advanced EMT	Technical Certificate	June 15	October 31	
EMT	Technical Certificate	June 15	October 31	March 31
Health Information Technology	A.A.S.	May 15		
Health Information Technology	A.A.S. (TN eCampus)	May 15	October 31	
Healthcare Documentation Specialist	Technical Certificate	June 15		

Massage Therapy	Technical Certificate	June 15		
Medical Informatics	A.A.S.	May 15	October 31	
Occupational Therapy Assistant	A.A.S.	March 31		
Opticianry	A.A.S.	May 15		
Paramedic	Technical Certificate	June 15		
Pharmacy Tech	Technical Certificate	March 31		
Physical Therapist Assistant	A.A.S.	May 15		
Polysomnography	Technical Certificate	June 15		
Radiologic Technology	A.A.S.	March 31		
Respiratory Therapy Technology	A.A.S.	May 15		

Incomplete applications will not be processed. Any applications received after the published application deadline may be considered by the Program Director on a space available basis. It is the student's responsibility to assure that all records and documentation are received by the appropriate department by the published application deadline.

Conditional Admission

Students that do not meet minimum requirements may be considered for conditional acceptance status on a space-available basis.

Retention Policies

A student must maintain the following standards or he/she will be dismissed from his/her respective program.

1. A grade of "C" or better in each specialty course.
Notice: some degree programs may have additional retention requirements regarding grades in other courses such as science courses. Please review the specific program description in this catalog, program webpage, or discuss with the Program Director.
2. Completion of specialty courses as specified by the degree checklist. A student must be able to complete courses with the class in which he/she was admitted. A student who cannot graduate with the class in which he/she was admitted will be dropped from that class and must reapply to a subsequent class.
3. Evidence of malpractice insurance and physical examination prior to clinical training.
4. Be physically and mentally capable of performing the essential functions of the program as defined in each program's Core Performance Standards.

The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Dean of Allied Health Sciences and the Assistant VP/Dean of Students.

Readmission Procedures

1. Students applying for readmission must meet all admissions criteria for the selected degree program.
2. The applicant must submit a readmission request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.
3. One (1) readmission to an AHS degree program will be permitted. *Note: Some degree programs may have a time limitation on discipline-specific or general education courses. This requirement is listed in the program’s admission information located on the program web page. The applicant must meet this requirement, if applicable.*
4. The applicant applying for readmission may be required to interview with the Program Director and other program faculty, if applicable, before the review date by the AHS Admissions Committee. Interview requirements are listed on the program webpage.
5. An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty. *Note: The Program Director will verify that all readmission documents including licensure/credentials are current and valid.*
6. Readmission to an AHS degree program is contingent upon the availability of space.
7. Students who are dismissed for reasons associated with academic misconduct or code of ethics violations will not be considered for readmission.

Meeting Minimum Requirements Does Not Guarantee Acceptance. Preference will be given to Tennessee residents.

Successful admission and completion of any RSCC Allied Health Sciences program does not guarantee state or national licensure or registration to practice as there may be additional state/national criteria required for attainment of various allied health licenses/certifications.

General Student Classifications

Degree Seeking Student

Applicants who take courses for credit which will apply toward a degree. Categories for degree-seeking students are First-Time College Student, Transfer Student, Readmitted Student, International Student, and Permanent Resident.

First-Time College Student

A student pursuing a degree at Roane State* and has never attended college before must complete the following:

1. Submit an application for admission.
2. Submit official high school transcripts or official copy of High School Equivalency (HSE) scores. Transcripts must be mailed directly to the Admissions and Records Office and should include date of graduation as well as verification that the student passed

the required proficiency examination.

NOTE: The transcript of a home school student should be an official copy from an affiliated organization as defined by state law (T.C.A. 49-50-801). Transcripts from independent home school students must be accompanied by certification of registration with the superintendent of the local education agency which the student would otherwise attend. (A form is available upon request from the Admissions and Records Office.) Students unable to provide a satisfactory secondary school credential may substitute acceptable High School Equivalency (HSE) scores.

3. All applicants under 21 years of age will be placed by ACT or SAT scores. Please see the placement chart at the end of this section. Roane State prefers the ACT but will accept the SAT. These scores will be used to determine the areas in which the student will be required to undergo placement assessment. Enrollment in the courses indicated by results of the assessment is mandatory.
4. All applicants 21 years of age and older must undergo placement assessment with the COMPASS Placement Exam. For college-level course entry, COMPASS students must have a minimum of a 77 in the English subsection, 28 in the Math subsection, and an 83 in the Reading subsection.
5. All students enrolled in Composition I will be evaluated during the first week of classes. Students showing deficiencies will be referred to testing for possible placement in appropriate Learning Support courses.

ACT English**	18-Above	Place in College English	ENGL 1010
	1-17	Place in Writing Learning Support	ENGL 0510 and ENGL 1010 concurrently
ACT Math**	19-Above	Place in College Level Math	
	1-18	Place in Mathematics Learning Support	MATH 0530 and MATH 1530 concurrently OR MATH 0900 and MATH 1000 concurrently
ACT Reading	19-Above	Place in College Level Courses	
	1-18	Place in Reading Learning Support	READ 0562 and HUM 262 concurrently

* If you were dual-enrolled in college while still in high school and have not attended college AFTER high school graduation, then you would be considered as a *new freshman*, regardless of the number of college hours earned with dual-enrollment.

**SAT English 450-Above; SAT Math 460-Above

Transfer Student

A degree-seeking applicant who has attended another college or university

will be considered a transfer student.

1. Submit an application for admission.
2. Transcripts from all previously attended institutions should be mailed directly to the Admissions and Records Office. Transcripts are not accepted from students. An evaluation of college credit will be completed. An official high school transcript or High School Equivalency (HSE) scores must also be submitted. Until official copies of all college transcripts have been received and evaluated by the Admissions and Records office, the student may not be eligible to receive Financial Aid.
3. Transfer students who have successfully completed a college-level English and mathematics course are exempt from the academic placement (COMPASS) test. Students who have completed neither, or only one, of these college-level courses will be required to take one or more parts of the COMPASS test. Transfer students whose ACT or SAT scores demonstrate appropriate levels may be exempt from parts of the COMPASS test. NOTE: Only ACT or SAT scores less than three years old as of the first day of the first term of enrollment will be used to determine exemption status.
4. Transfer students age 21 and older, who have less than 60 semester hours of credit, will have their course records evaluated for proof of competency in the areas of reading, writing, and mathematics. Students lacking college course work in these areas will be required to undergo placement assessment. Enrollment in courses indicated by results of the assessment is mandatory.
5. Learning Support course work taken at other TBR institutions will be posted to the student's RSCC transcript and will be considered in determining the number of attempts.
6. All transfer students with 60 or more semester hours will be exempt from placement testing.
7. Transfer applicants who do not meet the Roane State retention standards or whose last term of enrollment resulted in academic suspension may be required to undergo placement assessment. Enrollment in the courses indicated by results of the assessment is mandatory.
8. Transfer applicants whose last term of attendance resulted in academic suspension and who are currently serving a suspension at another institution must meet with the Admission and Retention Committee to request admission. If admission is recommended by the committee, the applicant may be required to undergo placement assessment as noted in section 3 above.
9. Credits for courses not corresponding with the curriculum at Roane State may be entered on the transcript as elective credit. All credit will be posted within the first term of enrollment.

Readmitted Student

Any former Roane State applicant or student not enrolled the previous two semesters (excluding summer) who wishes to return to the college will be considered a readmit student. Students seeking readmission should:

1. Submit an application for readmission. (PLEASE NOTE: Students who applied for admission but never attended should fill out the general application for admission in lieu of the readmission application if it has been more than 1 year since making application to the college.)
2. Degree seeking students must submit official transcripts from all colleges or universities attended since their enrollment at Roane State.
3. All applicants whose last semester of attendance resulted in academic suspension and who are seeking readmission within one calendar year of that suspension must meet with the

Admission and Retention Committee to appeal the suspension prior to readmission. If reinstated, these students may be required to undergo placement assessment. Enrollment in the courses indicated by results of the assessment is mandatory.

4. Effective spring 1992, readmit students who took courses at RSCC prior to fall 1985 are no longer exempt from fulfilling Learning Support requirements in placement testing and course completion.

International Student

An applicant who is a citizen or a permanent resident of a country other than the United States is classified as an international student.

English Proficiency: An international student or permanent resident whose native language is NOT English must satisfy one of the following prerequisites:

1. Submit a minimum score of 500 on the Test of English as a Foreign Language (TOEFL) or 173 on the computer-based TOEFL (CBT) or 61 on the Internet-based TOEFL (IBT).
2. Submit a transcript showing graduation from an American high school.
3. Submit a transcript from another U.S. institution showing satisfactory completion (a minimum grade of C must be achieved in college-level English Composition I).

It is the responsibility of the international student to be familiar with the regulations of the Department of Homeland Security's Bureau of Citizenship and Immigration Services and assume responsibility for complying with these regulations.

The following should be submitted to the Student Enrollment and Recruitment Office no later than 45 days prior to the beginning date of the term the applicant wishes to enroll.

1. Apply using the online application for admission located at www.roanestate.edu.
2. Official copies of academic records from secondary schools, colleges, or universities accompanied by notarized or certified English translation of these documents.
3. International students under 21 years of age must submit ACT or SAT scores.
4. Placement assessment may be required dependent upon age, admissions category (new or transfer), and ACT/SAT scores. Enrollment in courses indicated by results of the assessment is mandatory.
5. For F-1 (student) visas, evidence of financial resources adequate for all expenses for at least one year of enrollment is required. The first-year fees and expenses total \$25,000. (This figure is an estimate and is subject to change.) Additional funds are required if the student plans to bring a spouse or dependent into the country. An official statement from a U.S. bank verifying these resources will meet this requirement. If original statement is in foreign currency, an official conversion to U.S. dollars from the foreign bank must accompany the statement.
6. Provide documentation substantiating official status with the Department of Homeland Security's Bureau of Citizenship and Immigration Services. (Passport, visa, I94, etc.) Official documents must be presented in person to the Student Enrollment/Recruitment Office for validation.
7. All international students are required to have health and accidental insurance from a Roane State approved U.S. company.
8. Provide proof of two doses of Measles, Mumps, and Rubella (MMR) vaccines if born in or after 1957.

9. Provide proof of two doses of the Varicella (Chicken Pox) vaccine if born in or after 1980.
10. Submit a Hepatitis B form. (PLEASE NOTE: if you filed an online application and you were 18 or older, this requirement is **waived**.)
11. Submit proof of lawful presence in the United States unless you are an F1 student, which is verified through SEVIS. All other visa types should submit 2 of the following:
 - Arrival/Departure Record (Form I-94)
 - Valid, unexpired Foreign Passport with valid visa
 - Notice of Approval of Status with bottom I-94 portion attached (Form I-797)
 - Employment Authorization Document (Form I-766)
 - DS-2019 for J-1 visa holders
 - Non-Resident Alien Canadian Border Crossing Card and
 - Any other document determined by the US Department of Homeland Security to be acceptable through the SAVE (Systematic Alien Verification for Entitlements) program.

NOTE: On October 26, 2001, Congress enacted the Uniting and Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism Act of 2001. The act amends the Family Educational Rights and Privacy Act to permit institutions to disclose education records to federal law enforcement officials without student consent if the appropriate United States official, certifying that "specific and articulable facts" support the request, obtains a court order that requires an educational institution to turn over education records that are considered relevant to a terrorism investigation.

Permanent Resident

The student must meet all applicable requirements for regular admission to the college.

Other requirements are as follows:

1. Permanent Resident Alien card must be presented in person to the Student Enrollment & Recruitment Office, One Stop, or the campus nearest you for validation.
2. A permanent resident whose native language is NOT English must submit a minimum score of 500 on the TOEFL or 173 on the computer-based TOEFL (CBT) or 61 on the Internet-based TOEFL (IBT) or meet one of the requirements from the English Proficiency section listed above. Appeals concerning English proficiency may be made to the Director of Student Enrollment and Recruitment.

Non-Degree Seeking Student

Applicants who do not work toward a degree may be admitted as a non-degree student. Students in this category who wish to be reclassified to degree-seeking must submit appropriate transcripts and possibly undergo placement assessment. A change of status form must be completed. Forms are available in the Admissions and Records Office. Reclassification will not occur until all requirements of the new admissions category are met. Students may not change status during the first term of enrollment. These categories include: Technical Certificate, Transient, Audit, Personal/Professional Enrichment, Dual Studies (High School Students), and Academically Gifted (High School Students). To receive Financial Aid, students must be degree-seeking or seeking a certificate that has been approved for Financial Aid.

Technical Certificate Student

Students enrolled in the technical certificates credit programs are considered non-degree students. Since Allied Health Sciences are limited in enrollment, applicants to these programs must also complete an online Allied Health Sciences application. Some certificate programs may require additional testing before being admitted. Students wishing to enroll in a technical certificate program should:

1. Submit an application for admission.
2. Submit an official copy of high school transcript or High School Equivalency (HSE) scores or college transcript.
NOTE: The high school transcript must be a regular or honors diploma. A special education diploma or certificate of attendance DOES NOT meet this requirement.

To receive Financial Aid in this student category, you must be seeking one of the certificates that has been approved for Financial Aid.

Transient Student

A regularly enrolled student of another institution who wants to take a limited number of hours during a term and who is not presently working toward a degree at Roane State may be admitted as a transient student. To enroll as a transient student:

1. Submit an application for admission.
2. Students planning to take college courses with prerequisite requirements must submit a college transcript verifying that prerequisites have been met.

Audit Student

Students who want to enroll on a non-credit basis may choose to audit coursework at Roane State. Fees for audits will be assessed on the same basis as fees for credit courses. A student who attends a class with audit status will not receive a grade. Instead, enrollment is reflected on the academic record as 'AU' for audit. Transcripts of previous schoolwork are not required under this category. To enroll as an audit student:

1. Submit an application for admission.
2. Some disabled or elderly students may qualify for a special fee rate. Proof of age may be required by the Admissions and Records Office. For more information regarding fees for disabled and senior citizens, refer to Business Information.

NOTE: Learning Support courses as well as fast-track and freshman level English Composition courses may not be taken for audit.

Admission to classes for audit may be limited or denied based on availability of space.

Personal/Professional Enrichment

Students who do not wish to pursue a degree or certificate but want to enhance personal and/or professional skills may enroll in the non-degree seeking special categories of High School Graduate, Student with Previous College Credit, and College Graduate.

High School Graduate

An applicant who has earned a regular high school diploma or HSE may enroll in any course except college-level math, English, or one that has college-level math or English prerequisite. Any student who plans to enroll in math or English courses must undergo placement assessment

unless he/she has taken the ACT within the last 3 years and has scores which waive this requirement. (For ACT requirements, refer to “General Student Classifications” under “Admission Procedures”.) To enroll, students should submit an application for admission. (No transcript is needed.)

Student with Previous College Credit

Applicant who has earned college credit but does not have a degree may enroll after completing the following:

1. Submit application for admission.
2. Undergo placement assessment if enrolling in math or English courses unless student has already completed college-level math or English.

College Graduate

An application for admission should be submitted. The submission of a college transcript to verify the completion of prerequisite courses may be required.

Dual Studies Program

Dual Studies, or First Class, is a program which allows students who are currently enrolled in high school to earn college credit toward a degree or a certificate at a Tennessee public institution of higher education. Courses are taught by college faculty to high school juniors and seniors who have been admitted to the college. Tuition and fees are required as well as paperwork for the admission process. Letter grades are awarded on the college transcript and most credits are transferable to other colleges. The dual studies program includes dual enrollment and joint enrollment.

Dual Enrollment - refers to a class taken by a high school student who is enrolled simultaneously in college while seeking high school credit for the college course. High school credit is awarded in addition to the college credit, which may count towards a high school diploma.

Joint Enrollment - refers to a class taken by a high school student who is enrolled simultaneously in college without seeking high school credit for the college course. A student taking courses recognized as joint enrollment only receives college credit.

To enroll in the Dual Studies Program applicants should:

1. Submit an application for admission and required immunization records.
2. Complete First Class Registration form. This form requires school administrator and parental signatures.
3. Applicant must have a 3.0 GPA or higher on a 4.0 scale or 2.75 on a 5.0 scale to enroll in academic courses.
4. Submit high school transcript with ACT or PLAN scores. ACT/PLAN sub-scores in mathematics and reading must be 19 or higher, and English requires a score of 18 or higher to enroll in dual studies courses. Once the ACT test has been taken, the PLAN scores will no longer be considered.
5. Complete a Tennessee Dual Enrollment Grant form (online) if requesting lottery funding toward the cost of tuition.

Dual Enrollment students must submit a final high school transcript verifying high school graduation and work with the Student Enrollment Services staff to make the transition from dual enrollment status to college degree-seeking status.

To enroll in Dual Enrollment coursework students should contact their

high school counselor. NOTE: procedure changes in the Dual Studies Program are ongoing. Please contact the Director of Dual Studies at Roane State for current information, 865-882-4504.

Academically Gifted Program

A student in grade 9 or 10 who has been classified as “academically gifted” by evaluation through the multi-disciplinary team process may earn college credit while in high school. To be eligible for the program the applicant must have an Individualized Education Plan (IEP) which approves specific college courses. Students will only be allowed to register for courses designated on the IEP.

To enroll as an Academically Gifted student applicants should:

1. Submit an application for admission.
2. Complete an application for the Academically Gifted program.
3. Have a grade-point average of 3.2 or better on a 4.0 scale.
4. Obtain approval from the high school principal and the Director of Student Enrollment and Recruitment.
5. Submit a copy of the student’s IEP showing those courses or a list of the approved courses from a school official must be sent to the Director of Student Enrollment and Recruitment before registration will be allowed. In lieu of the IEP, official letters from the secondary administration, specifically listing recommended college courses will be accepted.
6. Submit a high school transcript.

Home-schooled students should contact the Student Enrollment Office for instructions regarding the Academically Gifted category.

Residency Classification

The following guidelines are used to determine “in-state” or “out-of-state” status for fees and tuition.

1. Every person having his or her residence in this state shall be classified as “in-state” for fee, tuition and admission purposes.
2. Every person not having his or her residence in this state shall be classified “out-of-state” for fee, tuition and admission purposes.
3. The residence of a dependent* is that of his or her parent. “Parent” shall mean a person’s father or mother. If there is a non-parental guardian or legal custodian of dependent, then “parent” shall mean such guardian or legal custodian provided there are not circumstances indicating that such guardianship or custodianship was created primarily for the purpose of conferring the status of an “in-state” student on the dependent.
4. The residence of a married person can be determined based on the residence of the spouse.
5. A recent graduate of any “out-of-state” high school must supply evidence of Tennessee residency before receiving “in-state” tuition status. Copies of property deeds or property tax payment statements are acceptable evidence.
6. Dependent students of divorced parents shall be classified “in-state” when one parent’s residence, regardless of custodial status, is in Tennessee.
7. International students shall be classified “out-of-state” for tuition and admission purposes.
8. Students classified by Immigration as a Permanent Resident, Resident Alien, or Refugee may be classified as “in-state” if their residence is in Tennessee.
9. Persons not living in Tennessee but employed full-time in

Tennessee shall be classified “in-state” for tuition purposes as long as they maintain a part-time registration status. The student must provide appropriate documentation.

10. A veteran, or any individual entitled to the veteran’s educational benefits, enrolled in RSCC shall not be required to pay out-of-state tuition or any out-of-state fee, if the veteran:
 1. Has not been dishonorably discharged from a branch of the United States armed forces or the national guard;
 2. Is eligible for Post-9/11 GI Bill benefits or Montgomery GI Bill benefits; and
 3. Enrolls in the TBR institution, after satisfying all admission requirements, within three years (3) after the date of discharge as reflected on the veteran’s certificate of release or discharge from active duty, Form DD-214, or an equivalent document.

To continue to qualify for in-state tuition and fees, a veteran or entitled individual shall:

4. Maintain continuous enrollment as defined by the TBR institution at which the veteran is enrolled; and
5. Within one (1) year of enrolling in the TBR institution:
 - a. Register to vote in this state; or
 - b. Demonstrate by objective evidence intent to be a resident of this state by obtaining at least two (2) of the following:
 - i. A Tennessee driver license;
 - ii. A Tennessee motor vehicle registration;
 - iii. Proof of established employment in the state; or
 - iv. Other documentation clearly evidencing domicile or residence in the state, as determined by the Tennessee Higher Education Commission.

An application for In-State classification may be obtained from the Admissions and Records Office or at any Roane State location. All questions should be directed to the Admissions and Records.

Proof of U.S. Citizenship or lawful presence in the United States will be required from any student who receives In-State tuition.

* Dependent shall mean a person whose parents have not entirely surrendered the right to the care, custody and earnings of such person and who are still under obligation to support or maintain the dependent person. A person the age of 18 or older is considered to be independent by the state. If a person 18 or older is to be considered dependent, the parent must provide a copy of a federal income tax return claiming the dependent.

Academic Fresh Start

Purpose

The Academic Fresh Start program is designed to assist those students who have had a minimum 4-year separation from college and who demonstrate a greater level of academic maturity as a result of that separation. Students who did not realize their full academic potential during their first attempt at the college experience are being given a second chance to meet their educational goals without penalty. Through the Academic Fresh Start program, students are given a second chance to begin their academic careers by removing previously taken courses from the current academic statistics. Although the courses will not be physically removed from the student’s academic record, they will no longer be

calculated in the quality point average (QPA) computation and will no longer apply toward the fulfillment of any college requirement.

Minimum Criteria

1. “Academic Fresh Start” is a plan of academic forgiveness which allows undergraduate students who have experienced academic difficulty to make a clean start upon returning to college after an extended absence.
2. The Academic Fresh Start allows eligible students to resume study without being penalized for his/her past unsatisfactory scholarship and signals the initiation of a new QPA/GPA to be used for determining academic standing.
3. Readmitted students who were formally enrolled in the institution as well as transfer students who meet institutional requirements for admission and who have been separated from all institutions of higher education for a minimum of four (4) years are eligible for the Fresh Start.
4. Institutional policies governing the readmission of former students and admission of transfer students must be in compliance with TBR policy 2:03:00:00 Admissions.
5. This policy requires that the “transfer applicant’s grade point average on transferable courses must be at least equal to that which the institution requires for the readmission of its own students.
6. Applicants who do not meet the institution’s standards may be admitted on scholastic probation or other appropriate condition. (2:03:00:00 Section II.B.3.)
7. Each institution may establish an Academic Fresh Start provision which must meet the following minimum criteria:

Student Requirements

1. Separation from all collegiate institutions for at least four (4) years.
2. Anytime after the readmission or admission as a degree student, file a formal application to the office as defined by the institution’s catalog requesting the Academic Fresh Start and describing and academic plan. Forms are available in the Admissions and Records Office.
3. Only those students pursuing an associate degree are eligible for Academic Fresh Start.
4. Any student who has already earned an Associate degree or higher is not eligible for Academic Fresh Start.

Terms of Academic Fresh Start

1. Once the student has satisfied the above requirements, the institution may grant the Academic Fresh Start. The student may be granted a Fresh Start only once.
2. The student’s permanent record will remain a record of all work; however, courses taken and previously failed will be excluded from the calculation of the QPA/GPA. Courses with a D grade will also be excluded from the calculation when a grade of C or better is required in the student’s current major. QPA, GPA and credit hours will reflect courses for which passing grades were earned and retained.
 - a. Retained grades will be calculated in the Fresh Start QPA/GPA.
 - b. Courses with a D or F grades must be repeated at the institution when they are required in the student’s current major. All remaining courses for the current degree objectives must be completed at the institution. No transient credit will be accepted after invoking Academic

- Fresh Start.
- c. The application of retained credit toward degree requirements will be determined by the requirement currently in effect at the time the academic renewal status is conferred on the student. Specific program regulations must also be met.
 - d. Previously satisfied Assessment and Placement Program (COMPASS) requirements will not be forfeited.
3. Upon degree admission, Fresh Start applicants who did not satisfy COMPASS requirements at the time of previous enrollment and whose academic plan includes completion of a college-level English or mathematics course must meet current Academic Assessment and Placement Program (COMPAS) requirements regarding enrollment in college English and mathematics courses.
 4. The student's transcript will note that the Fresh Start was made and the date of the Fresh Start.
 5. The student will apply for the Fresh Start with the understanding that all TBR institutions will honor a Fresh Start provision granted at another TBR institution. The student should also signify understanding that non-TBR institutions may not accept the QPA as it is calculated with the Fresh Start.
 6. This policy is independent of financial aid regulations. Financial aid requirements at the time of application will apply. Therefore, a Fresh Start applicant should check with his/her financial aid counselor for guidance.

Selective Service Requirements

1. Pursuant to federal law, every male who is between the ages of eighteen (18) and twenty-six (26), and is a citizen of the United States or a resident of the United States must register with the Selective Service.
2. Notwithstanding the provisions of paragraph (1), the requirement to register shall not apply to any alien lawfully admitted to the United States as a nonimmigrant under Section 101(a)(15) of the Immigration and Nationality Act, as amended, for so long as he continues to maintain a lawful nonimmigrant status in the United States.

Change of Name or Address

The Admissions and Records Office should be informed of all changes in the student's legal name for marriage or other reasons, place of residence, mailing address, and telephone number. The college is not responsible for a student's failure to receive official information due to the failure to notify the college of any change(s) stated above.

Eligibility Verification for Entitlements Act

Tennessee law requires *all new students* interested in enrolling at a college or university in Tennessee to provide proof of their legal presence before

state benefits will be provided. To accommodate this law, the Roane State will accept this information once an application is submitted. This law can be satisfied by submitting one of the following:

- The FAFSA (Free Application for Federal Student Aid) - *preferred*;
- A valid regular Tennessee driver's license or photo identification license. *A temporary Tennessee driver's license, temporary identification license, or out of state license is NOT acceptable*;
- A valid, unexpired, Permanent Resident Card (Form I-551) with picture;
- A valid, unexpired US passport;
- A certificate of citizenship (N560 or N561);
- A certificate of naturalization (N550, N570, or N578);
- A US citizen identification card (I-197, I-179);
- A valid, unexpired Foreign Passport with visa stamped "Processed for I-551";
- Non-Resident Alien Canadian Border Crossing Card;
- Permanent Resident Re-Entry Permit (I-327);
- Refugee Travel Document (I-571);
- A valid, unexpired Foreign Passport with valid visa in a category that permits study at an institution of higher education;
- Any document determined by the U.S. Department of Homeland Security to be acceptable through the Systematic Alien Verification for Entitlements (SAVE) program.

EVEA can also be satisfied by submitting a valid, government issued picture ID including a regular driver's license, temporary driver's license, government issued DL/ID card from any US state, Employment Authorization Document (Form I-766) together with one of the following:

- A valid, unexpired Permanent Resident Card (Form I-551) without a picture;
- An official birth certificate issued by a US state, jurisdiction, or territory; except for Puerto Rican birth certificates issued before July 1, 2010;
- A US government issued certified birth certificate;
- A US certificate of birth abroad (DS-1350 or FS-545);
- A reprint of a birth abroad of a citizen of the US (FS-240);
- Arrival/Departure Record (Form I-94);
- Notice of Approval of Status with bottom I-94 portion attached (Form I-797).

Failure to provide the information requested will limit the Roane State's ability to award state and/or federal financial aid, and will impact how your tuition and fees will be assessed. This restriction does not impact privately funded scholarships.

Academic Program Planning

The responsibility for selecting an educational program rests with each student. Designated RSCC faculty and staff assists students in program planning and course selection. Students who are planning to transfer from Roane State to a senior institution at the conclusion of two years' work should secure a copy of that institution's catalog to use in planning their transfer program. Final responsibility for direct planning of courses and every preparation necessary to graduate from RSCC and/or to transfer to other colleges and universities rests with the student.

Testing/Learning Support Policies and Guidelines

Basic Skills Assessment

In an effort to provide more effective educational services for students, the college participates in the Board of Regents' Learning Support assessment program to assess basic skills. Placement is based on valid ACT or Compass scores. Through this assessment, Roane State can identify the students' academic strengths and weaknesses in reading, writing, and mathematics skills. This information is used along with the student's past educational history to provide academic advisement and placement in courses that best help the individual student to improve skills in these areas, as well as study skills.

All Tennessee State Board of Regents colleges and universities require that all first time degree-seeking students undergo assessment. Transfer students who have not successfully completed college-level reading, writing, and mathematics courses must also undergo assessment. For further information regarding ACT or COMPASS testing, contact the Testing Center on the Roane County or Oak Ridge campuses.

Students who have completed all five learning support math competencies through SAILS Bridge Math are eligible to register for MATH 1530. Students who have completed all math learning support competencies and all of the optional STEM modules through SAILS bridge math may register for MATH 1130 in their first semester.

Any full-time degree-seeking student must be enrolled in the required Learning Support courses each semester until the student completes the requirements. Any part-time student must be enrolled in at least one of the required Learning Support courses each semester of enrollment until the student completes the Learning Support requirements.

Restricted Enrollment

Students whose assessment results require enrollment in Learning Support (LS) courses may not enroll in a regular college level course which requires that competency as a pre-requisite until they have satisfactorily met the exit criteria of the appropriate Learning Support courses. Exceptions to this policy require the approval of the Learning Support Director and completion of the related documentation.

College Level Courses Which Can Be Taken With Learning Support Courses: The following college courses may be taken by learning support students concurrently with their learning support courses.

LS Course Required	Courses that can also be taken
MATH 0530 or MATH 0900	Students should enroll in MATH 0530 and 1530 (E section) OR can enroll in MATH 0900/1000 (E section) if pursuing STEM majors or algebra for future courses.
ENGL 0510	Must be taken with ENGL 1010 (E sections only); any course other than History or Philosophy.

READ 0562 Must be taken with HUM 262 (E sections only); See the Learning Support website for a complete list of the courses that do not require a prerequisite of READ 0562.

NOTE: All Learning Support course requirements *must* be completed before enrolling in BIOL 2010 - Anatomy and Physiology.

English Registration Requirements

Due to the fact that ENGL 0510, ENGL 1010, and ENGL 1020 serve as prerequisites or corequisites to several other courses, the English Department at Roane State Community College recommends the following progression standards for English Composition courses:

Any full-time degree-seeking student should be enrolled in ENGL 0510 and/or ENGL 1010 (or ENGL 1020 if required for your major) each term until the student completes these writing requirements. Any part-time degree-seeking student should be enrolled in ENGL 0510 and/or ENGL 1010 (or ENGL 1020 if required for your major) for each 12 hours taken.

English Course Exemption

Students with an ACT sub-score of 27 or better in English may enroll for both English 1010 and 1020, attend English 1020, and receive six semester hours credit for both courses with the grade earned in English 1020. Registration will need to be completed in the One-Stop or Records/Registration office. In the event the student does not successfully complete or withdraws from one or both courses, he/she will no longer be eligible for the joint credit.

New Student Orientation

You can register online for upcoming New Student Orientation Sessions at www.roanestate.edu/nso.

If for any reason the date would need to be changed, the student will need to go back online and resubmit the form again. If you have questions regarding New Student Orientation, please contact the Student Engagement office toll free at 866-GO2-RSCC ext. 4638 or 865-882-4638.

Please note that attendance is mandatory for all first-time, degree seeking students.

During New Student Orientation, you will receive important information about Roane State resources and procedures, which will help you make a successful transition into college.

Each session will last a minimum of three hours so please make advance arrangements for childcare, etc.

Parents/Spouses/Significant Others are also invited but no more than one guest as seating space is limited.

Academic Advising

At Roane State, academic advising is a shared responsibility of the student, Success Coach and the Faculty Advisor.

First time degree-seeking students will be assigned a Student Success Coach from the Student Enrollment Department who will assist them with academic advising/registration throughout their first 24 credit hours earned at Roane State. Upon completion of 24 credit hours, each student will then be assigned to a faculty advisor to match the student's program of study. The faculty advisor works closely with the student in continuing his/her educational goals and assists with a plan for completing these goals. Students can view the name of their Student Success Coach or Faculty Advisor through their RaiderNet account.

All other students (transfer, readmission, certificate) are assigned a faculty advisor during their first semester of attendance at Roane State. Advisors are assigned at the start of Fall and Spring semester. Faculty advisor assignments may change if a student changes his/her major or if the faculty advisor leaves the college. Prior to being assigned a faculty advisor, students are encouraged to seek assistance from the professional advising staff in the Advising Resource Center.

All students are encouraged to meet with their faculty advisor at least once a year. Not all RSCC locations have full-time faculty advisors for each major. Each student needs to contact his/her advisor to schedule an appointment well in advance of registration time periods. All sophomores are required to meet with their designated advisor to plan for graduation and to complete the Application for Graduation.

Veterans Services

Roane State's Veteran's Affairs Office is designed to assist veterans who desire to enroll at the college. You may contact the Coordinator for Veterans Services toll free at 1-866-462-7722 ext. 4210. Roane State cooperates with the Veterans Administration in providing educational opportunities for veterans. The VA Certifying Official is responsible for certifying veterans' eligibility and for providing a source of information regarding the "G.I. Bill."

To receive benefits a veteran must:

1. Contact the Veterans Administration Regional Office at 1-888-442-4551 to verify how much benefit money is available to him/her.
2. Provide the VA certifying official with a member copy 4 of the DD214 (discharge papers) or NOBE form if actively drilling.
3. Fill out the Veterans Administration online application (VONAPP).
4. Meet with Success Coach or Faculty Advisor to discuss class requirements.
5. Register for classes and pay fees.
6. Submit all academic transcripts and a copy of your DD214 to the Records Office for evaluation, even if you are in a certificate program.

NOTE: The certification process takes several weeks. The certifying official will not begin the process until after the first week of classes. Receiving benefits can take up to 2 months; therefore, veterans must make adequate arrangements to cover college expenses.

Once enrolled, veterans and other eligible persons should maintain close

contact with the assigned VA certifying official. All changes of class schedule must be reported since dropping or adding classes may change the monetary amount the veteran is eligible to receive.

To maintain eligibility, the veteran must comply with the following rules:

1. Must be classified as a regular degree student or follow a VA approved certificate course of study. Special students for credit or non-credit do not qualify.
2. Must maintain the prescribed cumulative GPA listed under Academic Probation and Retention Standards in this catalog.
3. Courses may be claimed for pay only one time whether taken at RSCC or transferred from another institution.
4. Only courses specifically listed in the catalog (as per major) may be certified for payment. Courses taken for a student's own personal enrichment will not be eligible for payment.
5. Course substitution forms must be processed and approved as described in this catalog before the substituted course is claimed for payment.
6. You must attend all classes for the entire semester or an overpayment with the VA may result.
7. Enrollment in classes which do not last 15 weeks will affect your pay (e.g. 5 week, Xpress, Maymester)

For more information: <http://www.roanestate.edu/veterans>

Eligibility for Deferment of Payment of Tuition and Fees by Certain Eligible Students Receiving U.S. Department of Veterans Affairs or Other Governmentally Funded Educational Assistance Benefits

Service members, veterans, and dependents of veterans who are eligible beneficiaries of U.S. Department of Veterans Affairs education benefits or other governmentally funded educational assistance, subject to the conditions and guidelines set forth in Tennessee Code Annotated 49-7-104 as amended, may elect, upon formal application, to defer payment of required tuition and fees until the final day of the term for which the deferment has been requested. Application for the deferment must be no later than 14 days after the beginning of the term, and the amount of the deferment shall not exceed the total monetary benefits to be received for the term. Students who have been granted deferments are expected to make timely payments on their outstanding tuition and fees balance once education benefits are being delivered, and eligibility for such deferment shall terminate if the student fails to abide by any applicable rule or regulation, or to act in good faith in making timely payments. This notice is published pursuant to public Chapter 279, Acts of 2003, effective July 1, 2003.

Registration for Courses

Roane State Community College provides early registration through RaiderNet each semester for currently enrolled and readmitted students. *No student is officially enrolled until he/she has completed all requirements of enrollment including the payment of fees.* Exceptions for late registration or adding a class may be granted for good cause. *Late registration requires payment of the late fee.* No student shall receive credit for a course for which he/she is not properly registered. *A student may not be allowed to register until all required admission documents have been received.*

Student Identification Number

A student's identification number (called the R#) will be a computer generated unique identifier or social security number. The use of social

security numbers is optional. If, at the time of application, the student desires not to disclose the SSN, the institution will assign a unique SID for the student's use. However, please note, if you receive federal and state financial assistance you are required to disclose your SSN.

RaiderNet

Upon submission of the online application to the college, students will get an email with instructions on how to set up their Raidernet account. Through this system students can view their personal information, financial aid, and registration.

Course Load

The average semester hour load for a degree-seeking student should be 15-16 hours of credit. Individual programs may require more or less than 15-16 hours per semester for degree completion. A full-time student is one who is carrying 12 or more semester hours of credit. The following criteria apply to semesters by course loads:

1. Students may register for 20 hours of credit upon verification of a 2.5 cumulative grade point average by the Admissions and Records Office.
2. Students may register for 21 hours of credit subject to verification of a 3.0 cumulative grade point average by the Admissions and Records Office.
3. Students wishing to enroll for 22 hours or more must have the approval of the Vice President of Student Services and Enrollment Management.
4. Any exceptions to the above guidelines must have the approval of the Vice President for Student Learning.

Special for Credit students are limited to no more than 12 hours per semester with no limit to the total number of accumulated hours.

Academic Regulations Student Records

Regulations

At Roane State Community College, academic records are considered confidential. The college's policy regarding the use and release of student records is governed by Public Law 93-380, the Family Educational Rights and Privacy Act (FERPA) and the Tennessee Public Records Act.

Under the terms of these laws, the college and its employees are charged with protecting the confidentiality of the educational records of its prospective students, currently enrolled students, and former students. The college is empowered to disclose relevant portions of student records to faculty and staff determined to have a legitimate educational interest.

All exceptions to this policy, including disclosure to external persons or agencies, shall be administered by the Registrar, the Vice President of Student Services and Enrollment Management, the Vice President of Academic Services, or the President.

Definitions

Student: A person who attends or who has previously attended Roane State.

Student Academic Record: Educational information or data maintained by the college which relates to personally identifiable student.

Third Party: A third party is defined as anyone other than the student.

Access to Records

1. A student shall be permitted to inspect and review his/her academic records within 45 days following the date on which he/she notifies the Admissions and Records Office that he/she desires access to such records.
2. A student shall be provided with a copy of their academic record if they have no obligations to the college. If there is an obligation, the student will be allowed to view a copy of their academic record, but may not take the copy.
3. Students have the right to request explanation or interpretation of their academic record.
4. The student shall be entitled to challenge the content of his/her academic records.
 1. A challenge concerning the content of a student's academic record must be submitted in writing to the office/department immediately in charge of maintaining the record in question.
 2. The challenge must be signed by the student.
 3. The office/department in charge of maintaining the record will mark the date of submissions on the challenge. A response will be sent to the student within 30 days noting the action to be taken by the office/department or the student.

Limitation on Access to Records

1. A student shall be denied access to a parent's financial records.
2. A student shall be denied access to confidential letters and statements which were placed on a student's record prior to January 1, 1975.
3. A student shall be denied access to confidential recommendations respecting his/her admission to the college or receipt of an honor or honorary recognition if he/she has signed a waiver of access rights.
 1. Roane State shall not require any student to waive access rights.
 2. A party from which a recommendation is sought may require such a waiver.
 3. Confidential statements and letters shall be used only for the purpose for which they were solicited.
4. A student shall not be permitted to inspect records which personally identify other students even if he/she is personally identified on that record. In such a case he/she shall simply be informed of the information contained on the record.

Release of Transcripts or Information on Students' Academic Records Policy

Roane State staff, faculty and other employees will be granted access to academic records on a need-to-know basis. All employees must abide by FERPA and the Tennessee Public Records Act when reviewing student records other than FERPA Directory Information and/or Solomon Amendment Directory Information.

Roane State employees who have direct access to these records are:

President, All Records
 Vice Presidents, All Records
 Deans, All Records
 Division Heads, All Records
 Director of Counseling and Disability Services, All Records

Release of Information is subject to the following procedures:

1. Students may receive a copy of their transcript by appearing in person. A photo ID must be presented. Completion of a transcript request form with the student's signature is required prior to the release or mailing of the transcript. The student account will be checked for financial obligations, prior to release.
2. Students may receive a copy of their transcript by mailing or faxing their transcript request to:
 Admissions and Records Office
 Roane State Community College
 276 Patton Lane
 Harriman, TN 37748-5011
 Fax: 865-882-4527
3. Students may request a copy of their transcripts by logging into their Raidernet account. Choose *Your Records* then choose *Request Printed Transcript*. Complete the information in the request and submit.

A student's transcript request form should contain the following information:

Full Name (and other names used since leaving the college)
 Student Identification Number or Social Security Number
 Date of Birth
 Date of Last Attendance
 Number of Transcripts Requested
 Address to which Transcript is to be Mailed
 Current Mailing Address and Phone Number

Assessment test scores can be sent to other TBR (Tennessee Board of Regents) schools upon request. Requests for non-credit transcripts need to be made in writing to the Office of Continuing Education. In all cases, obligations to the college must be fulfilled before a transcript will be issued.

Release of Records to Third Parties*

A third party is defined as anyone other than the student. The student's parents or legal guardians are considered third parties. FERPA Directory Information shall be released to third parties without the written consent of the student.

FERPA defines directory information as:

Student Name
 Address
 Email address
 Telephone Listing
 Date of Birth
 Participation in officially recognized activities and sports
 Weight and Height of athletic team members
 Dates of attendance
 Enrollment Status—Part-time, Full-time
 Degree and awards received
 Major field of study
 Most recent previous educational agency or institution

NOTE: Pursuant to the Federal Campus Sex Crimes Prevention Act and the Tennessee College and University Campus Sex Crimes Prevention Act of 2002 certain information concerning registered sex offenders is considered public information and therefore amend and supercede the Family Educational Rights and Privacy Act (FERPA) and other federal and state laws that previously prohibited the disclosure of such personal information.

Solomon Amendment defines directory information as:**

Student Name
 Address
 Telephone Listing
 Date and Place of Birth
 Level of Education
 Academic Major
 Degree(s) Received
 Educational Institution in which student most recently enrolled

*NOTE: On October 26, 2001, Congress enacted the Uniting and Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism Act of 2001. The act amends the Family Educational Rights and Privacy Act to permit institutions to disclose education records to federal law enforcement officials without student consent if the appropriate United States official, certifying that "specific and articulable facts" support the request, obtains a court order that requires an educational institution to turn over education records that are considered relevant to a terrorism investigation.

**NOTE: The National Defense Authorization Act 1995, 1996 and the Omnibus Consolidated Appropriations Authorization Act, 1997, mandates this information be released to the military effective March 29, 1997.

Privacy

1. Directory information may be withheld as "no information available" if the student requests PRIVACY through the Admissions and Records Office. The request for privacy may remain in effect for the entire educational career of the student or until the student requests the privacy to be removed. Request for privacy should be given serious consideration. Students seeking privacy should discuss such action with the Registrar.
2. Information contained in Roane State records shall be provided without the student's written consent to third parties engaged in the validation, development or administration of tests, accreditation activities, or research conducted on behalf of the college provided such information is not revealed to any other party.
3. Records shall be released without the student's written consent to college personnel authorized to have access to such records, authorized federal and state government officials, and/or officials of other institutions in which the student seeks to enroll.
4. Student academic records shall be released to any federal, state or circuit court having a judicial order. Subpoenas received will be held for review by TBR General Council. A reasonable effort will be made to contact the student prior to the release in response to such subpoenas or judicial orders.
5. Academic records shall be released by the college to any third party including the parent with written consent of the student.
6. Academic records shall be released to third parties in emergency situations involving health or safety.
7. Records shall be released to a third party without the written consent of the student in connection with the student's application for, or receipt of, financial aid.

Destruction of Academic Records

All or part of a student's record may be removed from the file and destroyed by the Admissions and Records Office. However, once a student requests access to review his/her files, such removal and destruction may not occur until access has been granted and the review completed by the student.

Enrollment Verifications

The Admissions and Records Office cooperates with various lending agencies, including the National Student Loan Clearinghouse, by certifying that their student clients are enrolled at Roane State. Student Loan Deferment forms should be delivered to the Admissions and Records Office at the beginning of the term. All medical and/or auto enrollment forms can be delivered to the Admissions and Records Office for completion. Forms should contain the policy-holder and student identification information. This is to ensure proper action upon receipt at the insurance company.

Acquiring Credit

The following explains ways enrolled students may receive credit other than taking the specific classes at RSCC.

Transfer Credit

Roane State accepts transfer credit from colleges and universities based on the following considerations:

- the comparability of the nature, content and level of credit earned to that offered by Roane State
- the appropriateness and applicability of the credit earned to programs offered by Roane State with regard to the student's educational goals
- the education quality of the institution from which the credit was earned

The following policies and procedures govern the granting of credit for transfer coursework.

1. Official transcripts of all previous college coursework must be sent to the college at the time of application. Foreign transcripts not issued in English must be accompanied by a certified English translation.
2. Credit earned at a regionally or internationally accredited institution will be evaluated upon receipt of an official transcript for degree seeking students only.
3. Transfer credit (quality hours, quality points and GPA) will not be included on the Roane State academic record.
4. Courses earned with grades of A, B, C, D, or P will be considered for applicability toward a degree and certificate programs from Roane State. Only grades of A, B, C, or P will be accepted for Learning Support courses.
5. Roane State grants non-traditional credit for military service and service schools in accordance with the guidelines established in ACE (American Council on Education) and DANTES (Defense Activity for Non-Traditional Educational Support) published by the American Council on Education. Military service credit will be assigned a grade of P.
6. Roane State grants non-traditional credit for CLEP (College Level Examination Program) and AP (Advance Placement)

examinations. CLEP and AP credit will be assigned a grade of P. See "Acquiring Credit" in this catalog for credit requirements.

7. Effective Fall 1999, Roane State will consider coursework from non-regionally accredited institutions as transfer coursework. Readmits and currently enrolled students may request credit consideration for coursework completed during or after Fall 1999. Credit requests must be made by completing an Application for Transfer of Credit form obtained from the Admissions and Records Office or any off campus location. A course competency examination may be required as part of the process. Students required to take a course competency exam will be notified after the request for transfer credit form has been reviewed by the appropriate academic department. To request a course competency exam, the student must complete a Credit by Proficiency form, available from the Admissions and Records Office or any off campus location. No fee is required for the exam when associated with transfer credit from a non-regionally accredited institution.
8. Students must complete at least 25 percent of the credit hours required for their degree program through RSCC. Completion of 30 percent of course work in a certificate program must be completed at RSCC.

Transfer information can be obtained from Admissions and Records Office. Advisement and information regarding inter-institutional articulation are available at <http://www.roanestate.edu/articulation> or call toll free at 1-866-462-722 ext. 4597 or 865-882-4597.

Prior Learning Assessment (PLA)

The following explains ways in which enrolled students may receive credit other than taking the specific course(s) at RSCC. A grade of "P" for passing will be assigned to any credit earned through PLA. No quality points will be assigned for such coursework, and coursework earned through this method will not be used in calculating the students grade point average (GPA).

Maximum Alternative Credit Allowed

A maximum of 30 semester hours credit for correspondence or extension courses, credit for Advanced Placement, CLEP, or certifications/licensures, and/or credit resulting from military service may be counted toward a degree. All correspondence or extension work must have the written, documented approval of the Director of Admissions and Records.

Advanced Placement

Roane State offers course credit for successful completion of Advanced Placement (AP) examinations administered by the The College Board to high school students. Course credit will be granted to students presenting Advanced Placement examination grades of three or higher. Inquiries concerning Advanced Placement should be forwarded to the Admissions and Records Office. A letter grade of "P" (Pass) will be assigned for credit granted.

AP Examination	AP Score	Credit Hours	Equivalent Course				
				U. S. Gov't & Politics	3, 4, 5	3 SCH	POLS 1030 Introduction to American Government
Art History	3, 4, 5	3 SCH	ARTH 2010 Art History I	Human Geography	3, 4, 5	3 SCH	Social Science Core Requirement
Biology	3	4 SCH	BIOL 1010 or BIOL 1110	Italian Language & Culture	3	6 SCH	1010 & 1020 Beginning Language I & II
	4	8 SCH	BIOL 1010 & 1020 or BIOL 1110 & 1120		4	9 SCH	1010, 1020 & 2010 Intermediate Language I
Calculus AB	3	3 SCH	MATH 1830 Calculus for BUS/BIOL		5	12 SCH	1010, 1020, 2010 & 2020 Intermediate Language II
	4, 5	3 SCH	MATH 1830 or MATH 1910 Calculus for Engin/MATH I	Japanese Language & Culture	3	6 SCH	1010 & 1020 Beginning Language I & II
Calculus BC	3	3 SCH	MATH 1910 & MATH 1920 Calculus for Engin/Math II		4	9 SCH	1010, 1020 & 2010 Intermediate Language I
Chemistry	3	4 SCH	CHEM 1110 General Chemistry I		5	12 SCH	1010, 1020, 2010 & 2020 Intermediate Language II
	4	8 SCH	CHEM 1110 & CHEM 1120 General Chemistry II	Latin	3	6 SCH	1010 & 1020 Beginning Language I & II
Chinese Language & Culture	3	6 SCH	1010 & 1020 Beginning Language I & II		4	9 SCH	1010, 1020 & 2010 Intermediate Language I
	4	9 SCH	1010, 1020 & 2010 Intermediate Language I		5	12 SCH	1010, 1020, 2010 & 2020 Intermediate Language II
	5	12 SCH	1010, 1020, 2010 & 2020 Intermediate Language II	Music Theory	3, 4, 5	3 SCH	MUS 110 Music Theory I
Computer Science A	3, 4, 5	3 SCH	Determined by individual community college	Physics B	3	4 SCH	PHYS 2010 Non-Calculus Based Physics I
Macroeconomics	3, 4, 5	3 SCH	ECON 2010 Macroeconomics		4	8 SCH	PHYS 2010 & 2020 Non-Calculus Based Physics II
Microeconomics	3, 4, 5	3 SCH	ECON 2020 Microeconomics				Test scheduled for revision effective fall 2014
English Language	3	3 SCH	ENGL 1010 Composition I	Physics C	3	4 SCH	Pt. 1 PHYS 2110 Calculus Based Physics I
	4, 5	6 SCH	ENGL 1010 & ENGL 2020 Composition II		3	4 SCH	Pt. 2 PHYS 2120 Calculus Based Physics II
English Literature	3, 4, 5	6 SCH	ENGL 2210 & 2220 Survey of British Literature I & II	Psychology	3, 4, 5	3 SCH	PSYC 1030 Introduction to General Psychology
Environmental Science	3, 4, 5	4 SCH	Physical/Natural Science Core Requirement	Spanish Language	3	6 SCH	SPAN 1010 & 1020 Beginning Spanish I & II
European History	3, 4, 5	6 SCH	HIST 1010 & 1020 Western Civilization I, II		4	9 SCH	SPAN 1010, 1020 & 2010 Intermediate Spanish I
French Language & Culture	3	6 SCH	FREN 1010 & 1020 Beginning French I & II		5	12 SCH	SPAN 1010, 1020, 2010 & 2020 Intermediate Spanish II
	4	9 SCH	FREN 1010, 1020 & 2010 Intermediate French I	Statistics	3, 4, 5	3 SCH	MATH 1530 Probability/Statistics
	5	12 SCH	FREN 1010, 1020, 2010 & 2020 Intermediate French II	Studio Art Drawing	3, 4, 5	3 SCH	ARTP 1010 Drawing I
German Language & Culture	3	6 SCH	GERM 1010 & 1020 Beginning Language I & II	Studio Art 2D Design	3, 4, 5	3 SCH	ARTP 1110 Two Dimensional Design
	4	9 SCH	GERM 1010, 1020 & 2010 Intermediate Language I	Studio Art 3D Design	3, 4, 5	3 SCH	ARTP 1120 Three Dimensional Design
	5	12 SCH	GERM 1010, 1020, 2010 & 2020 Intermediate Language II	U. S. History	3, 4, 5	6 SCH	HIST 2010 & 2020 US History I & II
Comparative Government & Politics	3, 4, 5	3 SCH	Social Science Core Requirement				

U. S. Government & Politics	3, 4, 5	3 SCH	POLS 1030 Introduction to American Government	College Composition Modular	50	3/6	ENGL 1010 & 1020 Composition I & II
World History	3, 4, 5	6 SCH	HIST 1210 & 1220 World History I & II	English Literature	50	6	ENGL 2010 & 2020 Intro to Literature I & II or ENGL 2210 & 2220 Survey of British Literature I & II

Challenge Examinations

Currently enrolled students desiring to obtain credit by successfully completing challenge examinations must apply to the appropriate division and arrange to take the examination. A Credit-By-Proficiency form will be used. Credit-By-Proficiency cannot count toward residency requirements. Courses that contain a clinical or laboratory component, or whose competencies may not be assessed in a proficiency examination as in the regular course may not be challenged.

The student must take the form to the Business Office and pay the the \$25 fee prior to taking the test. This fee is in addition to maintenance fees paid for courses in which the student is actually registered.

After fees are paid the student will take the form to the appropriate department to complete the test. When the test is complete, the grade assigned, and the appropriate signatures in place, the form will be sent to the Admissions and Records Office for recording of credit. Credit type will be noted as PFT and a grade of "P" (Pass) will be assigned. Other institutions are not obligated to accept these courses for transfer.

Fees are waived if the student desires to validate credit by examination for earned hours from an unaccredited institution or vocational school. Students must verify by official transcript that the credits have been earned previously when arranging to take the examination.

CLEP

Students should have official CLEP scores sent to the Admissions and Records Office from The College Board. An evaluation for possible credit will be made, and a copy of this evaluation will be mailed to the student. For information about taking CLEP examinations, contact the Testing Center at Pellissippi State Community College. A letter grade of "P" (Pass) will be assigned for credit granted.

Acceptable Scaled Scores on CLEP Tests and Number of RSCC Credit Hours Awarded

	Minimum Acceptable Score	Number of Credit Hours Awarded	Equivalent RSCC Course				
Composition & Literature							
American Literature	50	6	ENGL 2110 & 2120 Survey of American Literature I & II	Humanities	50	6	Credit for Humanities Requirement
Analyzing & Interpreting Literature	50	6	Credit for Literature Requirement or specific ENGL course	Science & Mathematics			
College Composition (also Freshman)	50	6	ENGL 1010 & 1020 Composition I & II	College Algebra	50	3	MATH 1130 College Algebra or MATH 1630 Finite Mathematics
				Precalculus	50	3	MATH 1710 Precalculus I
				Biology	50	8	BIOL 1110 & 1120 General Biology I & II
				Chemistry	50	8	CHEM 1110 & 1120 General Chemistry I & II
				Calculus	50	4	MATH 1910 Calculus
				College Mathematics	50	3	MATH 1010 Survey of Mathematics for Liberal Arts or Credit for college-level Mathematics Requirement
				Natural Sciences	50	8	BIOL 1110 & 1120 Biology I & II
				Foreign Languages			
				French, Level I	50	6	FREN 1010 & 1020 Beginning French I & II
				French, Level II	59	12	FREN 1010 & 1020 Beginning French I & II FREN 2010 & 2020 Intermediate French I & II
				German, Level I	50	6	GERM 1010 & 1020 Beginning German I & II
				German, Level II	60	12	GERM 1010 & 1020 Beginning German I & II GERM 2010 & 2020 Intermediate German I & II

Spanish, Level I	50	6	SPAN 1010 & 1020 Beginning Spanish I & II
Spanish, Level II	63	12	SPAN 1010 & 1020 Beginning Spanish I & II SPAN 2010 & 2020 Intermediate Spanish I & II

Social Sciences & History

American Government	50	3	POLS 1030 Introduction to American Government
Introduction to Educational Psychology	50	3	EDU 211 Educational Psychology
History of the United States I	50	3	HIST 2010 US History I
History of the United States II	50	3	HIST 2020 US History II
Human Growth & Development	50	3	Psychology of Human Growth & Development or PSYC 2130 Life Span Psychology
Principles of Macroeconomics	50	3	ECON 2010 Macroeconomics
Principles of Microeconomics	50	3	ECON 2020 Microeconomics
Introductory Psychology	50	3	PSYC 1030 Introduction to General Psychology
Social Sciences & History	50	6	Elective (there is no common course number)
Introductory Sociology	50	3	SOCI 1010 Introduction to Sociology
Western Civilization I	50	3	HIST 1010 Survey of Western Civilization I
Western Civilization II	50	3	HIST 1020 Survey of Western Civilization II

Business

Financial Accounting	50	3	ACCT 1010 Principles of Accounting
Introductory Business Law	50	3	BUSN 2370 Legal Environment for Business

Information Systems & Computer Applications	50	3	INFS 1010 Computer Applications
Principles of Management	50	3	BUSN 1380 Supervisory Management
Principles of Marketing	50	3	BUSN 2380 Principles of Marketing

Licensures/Certifications

Certified Administrative Professional

Persons passing the Certified Administrative Professional (CAP) examination will be granted 18 hours of credit at Roane State for the following courses.

ACCT 1010	Principles of Accounting I	3
BUSN 2370	Legal Environment for Business	3
BUSN 2350	Organizational Behavior	3
BUSN 1380	Supervisory Management	3
ECON 2010	Macroeconomics	3
INFS 1010	Computer Applications	3

Credits awarded are subject to change when the actual content of the CAP examination no longer corresponds to course content or when courses at RSCC are revised substantially.

In order to receive credit for these courses, the CAP applicant must follow the procedures listed below:

1. Submit an application for admission.
2. Enroll in classes
3. Present to the Admissions and Records Office an official letter from the testing agent certifying student passed the examination.

Military Credit

Veteran students who have one year or more of honorable military service may submit a copy of their DD-214 to the Admissions and Records Office. Military credit will be awarded in physical education (4 semester hours) and military science (6 semester hours). Students who completed less than one year but received at least eight weeks of training will receive 2 semester hours of physical education credit. Additional credit for military training/occupational experiences may be awarded based on MOS credit listed on the DD-214.

Army, Coast Guard, Marine Corps, and Navy veterans will be awarded military credit based on training/occupational experiences listed on the Joint Services Transcript (JST). The JST a merger of the former AARTS, SMART, and CGI transcripts. Veterans may request a copy of their JST transcript by visiting <https://jst.doded.mil>.

RSCC follows all guidelines established by ACE (American Council on Education) and DSST (DANTES Subject Standardized Tests).

Prior Learning Credit

A currently enrolled student at Roane State may petition for college-level

credit for learning acquired through documented work or life experience in the field in which a degree is being pursued via an experiential learning portfolio.

In accordance with SACSCOC 3.4.4 and 3.4.8, experiential learning credit may be obtained as college course credit as it relates to a course in the current Roane State course inventory. This credit cannot exceed a total of 30 hours. *Students interested in seeking prior learning credit should first contact the Dean of Student Academic Services for guidance on the process.*

Credit awarded will depend on the assurance that the course work and learning outcomes are at the collegiate level and comparable to the college credit course. When the evaluation is complete and the appropriate signatures are in place, the form will be sent to the Admissions and Records Office for the recording of credit. A special fee for experiential learning credit is assessed. Experiential learning or proficiency credit will not apply toward meeting residency requirements for graduation.

Grades

Grade Points

Grade points are numerical values assigned to letter grades in order to provide a basis for determining grade (quality) point averages. The four-point system is used.

Grade		Grade/Quality Points
A	Outstanding	4.0
B	Above average	3.0
C	Average	2.0
D	Passing	1.0
F	Failing	0.0
W	Withdrawal	0.0
P	Passing*	0.0
I	Incomplete**	0.0

To meet degree requirements a student must maintain an overall grade point average of 2.00. Generally, letter grades are awarded according to the following scale:

A	90-100
B	80-89
C	70-79
D	60-69
F	0-59

Some specific exceptions to the above scale may apply and the college reserves the right to adjust it accordingly. Students enrolled in Allied Health Sciences or Nursing programs may not follow the same scale. Students should refer to the grading scale included on the course syllabus.

*At the discretion of the Vice President of Student Learning, selected courses may be offered using a pass-fail grading system. A “P” indicates a passing grade in such cases. In addition to such courses, credit resulting from military service or Prior Learning Assessments will not be assigned quality points for computing the grade point average, and a letter grade of “P” will be assigned for such instances.

The grade of “I” indicates that the student was passing at the end of the semester but has not completed the work of the course as required by the instructor. An instructor may assign a grade of “I” in the event of extenuating circumstances on the part of the student. Upon receiving such grade, the student is on notice that he/she should contact the instructor immediately in an effort to complete the course requirements. The student should **not register for the same course during the subsequent term. A grade of “Incomplete” must be removed during the next regular term, any student receiving a grade of “I” at the end of Spring semester will have until the end of the succeeding Fall semester to complete his/her coursework. Any course which has not been graded at the end of the following term will convert to an “F”.

Calculating GPA

Your GPA is calculated by dividing the total number of Quality Points you *earned* by the number of GPA Hours you *attempted* in courses in which grades of A through F are assigned. Grades of I, P, S, U, and W do not have Quality Point values and are, therefore, not included in the GPA calculation.

The first two attempts of courses that have been repeated are excluded from the cumulative GPA. The third and any subsequent grades will be used in determining your GPA.

Each term, your semester and cumulative GPA will be indicated with your grades.

GPA Calculation Example

COURSE	GPA HOURS	GRADE EARNED	QUALITY POINTS
ENGL 1020	3.00	B (3.0)	(3x3) 9.0
PHED 2050	1.00	A (4.0)	(1x4) 4.0
MATH 1130	3.00	C (2.0)	(3x2) 6.0
MUS 1030	3.00	B (3.0)	(3x3) 9.0
HIST 2020	3.00	A (4.0)	(3x4) 12.0
POL 101	3.00	F (0.0)	(3x0) 0.0

1. Add the GPA Hours: 3 + 1 + 3 + 3 + 3 + 3 = 16.00 hours
2. Determine your total Quality Points:
 1. For each course, multiply the number of GPA Hours for that course times the number of Quality Points indicated on the grading scale above. Example: ENGL 1020 is a 3.0-hour course. Multiply 3.00 hours x 3.0 (the Quality Points for a B); the product will be 9.0 Quality Points earned for ENGL 1020.
 2. Add the Quality Points for all courses: 9.0 + 4.0 + 6.0 + 9.0 + 12.0 + 0 = 40.0 Quality Points.
3. Divide the total Quality Points by the total GPA Hours to determine your GPA: 40.0 / 16 = 2.35 (GPA is carried to two decimal places, with no rounding). This is your GPA for the term.

Lottery Scholarships

The GPA used to determine your continued eligibility for Lottery Scholarships is not the same as your RSCC GPA. This is because your Lottery GPA takes into account *all* of your attempts at a particular course whereas your RSCC GPA does not. Please be aware that “W” (Withdrawal) grades *are* counted as attempted courses for Lottery Scholarship purposes, and toward the maximum hours allowed by a Hope

Lottery Scholarship but are *not* counted in the calculation of a student's Lottery GPA.

Grade Type Change

To change a course grade type, from audit to credit or credit to audit, the student must do so by following the Change of Registration/Drop-Add procedures. The deadline dates listed below will be strictly enforced.

Audit to Credit: Permitted during late registration/add period.

Credit to Audit: Permitted during the withdrawal period.

Grade Appeal Procedure

Grades, as well as transcript information, withdrawals and other data perceived by a student to be in error, must be protested within the subsequent semester after the information was posted. If a student believes there are circumstances which warrant an appeal of a grade received for other than academic misconduct, the student must appeal the grade within 45 calendar days following the last day of the end of the semester in which the grade was posted. The appeal process must be initiated by the student and includes the following steps which must be followed in this order:

1. Contact the instructor in writing to ensure that no calculation or administrative error occurred and if it is not possible to resolve the problem at this level
2. The student can submit an appeal in writing to the division dean of the instructor, and the student can expect a written response. If the issue is not resolved at this level, then
3. The student can submit the written appeal to the Vice President for Student Learning whose decision will be final.

Protests initiated after the allowed time frame of 45 days will not be reviewed.

Audit Courses

Any student enrolled at RSCC may register for audit courses. The student will attend class without being required to take examinations or prepare lessons or papers. Students auditing a course will receive a final grade of "AU" (audit) on the transcript. No credit will be received for the course or toward major requirements.

Withdrawals and Honorable Dismissals

Students finding it necessary to withdraw from the college must do so officially to maintain good standing and to assure honorable dismissal and/or readmission.

Withdrawal Limits

There will be a limit on the number of courses attempted and dropped per academic year based on semester hours attempted as follows:

Semester Hours Attempted	Maximum Number of "W" Grades
0-24	4
25-48	8
49-72	12
73-96	16

A student who exceeds the number of "W" grades for two (2) consecutive regular semesters will be notified accordingly and be required to attend mandatory advising sessions for one (1) semester. The intent of mandatory advising is to assist the student from withdrawing from courses when alternative solutions may be available.

At the end of the semester following the mandatory advising, a student who continues to exceed the maximum number of "W" grades for semester hours attempted will be required to return to mandatory advising for two (2) consecutive semesters or until the student's course withdrawal rate meets the satisfactory standards for semester hours attempted.

Academic probation and/or suspension for students exceeding the maximum number of "W" grades for semester hours attempted will be based on the minimum cumulative GPA and not on the number of "W" grades received.

Late Withdrawals

The request for a late drop or withdrawal **MUST** be made on or before the last day of classes. A student who never attends or stops attending classes and fails to follow the proper withdrawal procedures will be carried on the roll until the end of the semester and a grade of "F" will be recorded.

After the withdrawal deadline published in the academic calendar, no student will be permitted to withdraw from the college or classes and receive the designation of "W" without providing documentation of one of the following unusual conditions or hardships and verification that the mitigating circumstances developed **AFTER** the withdrawal deadline:

1. Illness or injury of the student or serious personal problems as verified on office letterhead stationery by the attending physician or psychologist.
2. Necessary change in work schedule verified in writing on company letterhead by the student's employer.
3. New employment as verified in writing on company letterhead by the employer.
4. Other mitigating circumstances presented with acceptable documentation to demonstrate the extenuating circumstances.

Students meeting the stated circumstances may apply for late withdrawal as follows:

1. Obtain Request for Late Withdrawal form from the Admissions and Records Office or download from the Records and Registration website at <http://www.roanestate.edu/recordsforms>.
2. Complete the form and attach documentation of circumstances as stated above. Forms received without the required documentation cannot be considered.
3. Return the form to the Admissions and Records Office for review.

Any exceptions to this policy must be submitted in writing to the Registrar to be reviewed by a committee of the Vice President for Student Learning, the Vice President for Student Services and Enrollment Management and the Registrar. (No appeals will be accepted one calendar year after the semester in which the late withdrawal is being sought.)

NOTE: Learning Support courses may not be dropped except under extenuating circumstances. Anyone seeking to drop or withdraw from a Learning Support course must obtain permission from the Director of Learning Support and provide documentation of circumstances. The Learning Support drop application may be found at <http://www.roanestate.edu/learningsupport>.

All equipment belonging to the college must be accounted for or paid for and all financial obligations met. If it is impossible for the student to take these steps in person, they should be completed by a person acting as an agent for the student.

Late Withdrawal Requests are for grades only. Requests for refund of tuition or fees should be made directly to the Business Office. Students requesting Late Withdrawals should be aware that withdrawal from coursework may impact Financial Aid eligibility.

For more information please call toll free 1-866-462-7722 ext. 4526 or 865-882-4526.

Repeated Courses

A student may repeat a course with the intent of improving the grade previously earned. In computing the quality point average of a student who has repeated one or more courses, only the last grade received in the repeated course or courses will be used. The hours attempted will be counted only once, provided that the number of repeats in any single course does not exceed two (three attempts). In the event that a student attempts a course more than three times, the third and subsequent grades shall be used in determining quality point average.

In order that grade point averages may be adjusted appropriately, the student repeating a course may file a course repeat form with the Admissions and Records Office.

Veterans or other eligible persons repeating courses for which they have a passing grade ("D" or higher) and for which they have been paid are cautioned not to claim this course for pay the second time.

Students may be permitted to repeat a course in which a grade of "B" or higher was earned only with the approval of the Vice President for Student Learning.

Classification

Student classification levels for purposes of registration are:

Freshman: 0-26 credit hours

Sophomore: 27 or more credit hours

Change of Major/Status

Students may request to change their major/status **after the first term of attendance**. Change of status or major is not automatic. **The new major will be in effect beginning with the next academic term**. Students who are on hold with the Financial Aid office for SAP may not be eligible for change of major/status.

Currently enrolled degree or certificate-seeking students may request a change to non-degree status (special student category) once they have:

1) completed all learning support requirements, and/or 2) completed all admission requirements. Exceptions may be requested through the

Registrar and will be decided on an individual basis. Special Student Category students are not eligible for federal financial assistance (Pell Grant, Veteran's Benefits, etc.).

To request a Change of Major students should complete the following steps:

1. Review the RSCC academic programs on the RSCC website under the Academic Programs link.
2. Run a DegreeWorks evaluation to learn what requirements you will lack and what requirements you have already met for the new major. You can run the audit from the Degree Evaluation link under Your Records in your Raidernet account.
3. Meet with an advisor or career counselor to discuss your graduation plan and obtain their signature on the form.
4. Sign and submit the completed form with a copy of your program plan for the new major to the One Stop or to the front office of any satellite campus.

NOTE: Students are advised to consult with financial aid sources (VA, WIA, TAA benefits) prior to submitting a change of major to the Admissions/Records Office.

Good Standing

Good Standing status denotes that the student is not on probation and is also eligible to continue enrollment or is eligible to re-enroll. Letters of Good Standing can be requested through the Admissions and Records Office.

President's List and Dean's List

The President's List and Dean's List are the official mediums for the institution to recognize outstanding academic achievement by students. The Dean's List recognizes full-time students (those completing 12 or more semester hours of college-level courses) who attain a quality point average of 3.50-3.99. In addition, the President's List recognizes full-time students (those completing 12 or more semester hours of college-level courses) who attain a quality point average of 4.00. Only the semester average is considered in computing grades and achievement level. The President's and Dean's Lists are compiled at the end of each academic semester by the Registrar's Office and are noted on the student's academic transcript.

Academic Probation and Retention Standards

A student who fails during any term to attain a cumulative quality point average at or above the level indicated below for the GPA (Grade Point Average) hours (inclusive of any Learning Support courses) will be placed on academic probation for the following term.

GPA Semester Hours Attempted	Minimum Cumulative GPA
0-12	1.25
13-18	1.50
19-23	1.75

24 or more 2.00

Academic Suspension

At the end of the following term of enrollment, a student on academic probation who has failed to attain: 1) the above cumulative standard OR 2) a 2.0 grade point average for the current term will be suspended. Students who have satisfied the 2.0 GPA but have not yet achieved the standards as listed above will remain on academic probation for subsequent terms until the standards have been achieved. Students on probation or suspension who fail to attain the cumulative standard and the 2.0 GPA for the subsequent term will be placed on suspension.

Suspension terms are as follows:

First-time suspension	One term (semester)
Second suspension	Two terms
Third suspension	Dismissal

In all instances, the summer term does not apply as a term served for suspension. For the student who is suspended at the end of the spring semester, the following fall semester is considered to be the term of suspension.

A third suspension of "Dismissal" may be appealed to the Vice-President for Student Learning after a period of two years absence from enrollment at the college.

Appeals

A student who has been academically suspended either from RSCC or is currently suspended from another college or university may request an appeal through the Admissions and Retention Committee. If the student feels that there were extenuating circumstances (e.g. errors in their transcript, documentable medical or psychological problems, court or military duty, etc.) that caused the academic problems, they may appeal to the committee for reinstatement.

To request an appeal the student must contact the Admissions and Records Office for an appointment with the committee. If the Admissions and Retention committee grants the reinstatement, the conditions imposed by the committee will be clearly stated. These may include a reduced course load, regular meetings with an advisor or counselor, and course suggestions.

Students who voluntarily serve the time imposed by their suspension will be reinstated automatically and do not need to meet with the Admissions and Retention Committee. Their admission status will be Academic Probation for that semester.

Transfer Students

Students on academic suspension from another college or university must clearly designate this information on their application to Roane State. Falsifying this information may lead to dismissal. Transfer applicants whose last term of attendance at another institution resulted in academic suspension or dismissal and who have not served their required term(s) of suspension or dismissal, must meet with the Admissions and Retention Committee to request admission to Roane State. Meeting with the Admissions and Retention Committee is required only if application is made within two years after the academic suspension or dismissal. Transcripts from the suspended college/university are required.

While individual courses may transfer to RSCC and can count toward fulfilling degree requirements, the number of credit hours and quality points do not count toward calculating the GPA for academic probation and suspension.

Grounds for Dismissal

A student may be dismissed from the college for any one or more of the following reasons:

1. Failure to meet minimum academic standards as stated in the above section.
2. Conduct of an unacceptable nature.
3. Failure to meet Learning Support requirements for satisfactory progress through course requirements.

Graduation - Degree/ Certificate Requirements

Students who have successfully completed 48 semester hours toward a degree or half of the coursework required for a certificate must complete an Intent to Graduate form by the deadline for the intended graduation semester. The student is required to complete the form in its entirety, and obtain his/her advisor's signature.

An evaluation of the student's status towards graduation will be sent to the student and the academic advisor. The student is encouraged to meet with his/her advisor to develop a plan for the completion of the program based on the results of the evaluation.

Degree Works - Degree Audit program

Students wanting to know the courses they need to complete a particular degree program or how their courses meet the requirements of another degree program should take advantage of Degree Works located in RaiderNet. This computer program merges a student's academic record with the degree requirements for a particular major. Information included on the printout includes: academic requirements remaining, requirements completed or in progress, and work that is not applicable to a particular major. Students can obtain a Degree Works printout from their RaiderNet account or from their assigned faculty advisor. For more information: <http://www.roanestate.edu/degreeworks>

Degree and Certificate Requirements

In order to obtain a degree or certificate, students must complete the general requirements as prescribed by Roane State and specific requirements set forth for the program.

Requirements include:

1. **Minimum GPA.** An overall Grade Point Average (GPA) of 2.0 is required for the degree and/or certificate. Only college-level

courses taken at Roane State are computed into the GPA for graduation.

2. **Minimum Credit Hours.** Each candidate must complete at least 60 semester hours to be eligible for the associate's degree. All requirements specified in the catalog must be completed.
3. **Catalog Option.** The student must meet the requirements of (a) the current catalog or (b) the catalog in effect at the time the student entered a program. *Entering a program* is defined as being admitted, readmitted, or changing the major.
4. **Minimum Hours in Residence.** Students must complete at least 25 percent of the credit hours required for their degree program through Roane State Community College. Thirty percent of the semester hours in a certificate program must be taken at Roane State. Experiential and Proficiency credit does not apply to this residency requirement. Separate Application for Graduation forms must be filed for each degree.
5. **Additional Degrees:** Requirements for more than one degree may be met. A minimum of 16 semester hours beyond the requirements for the first degree must be completed, as well as all course requirements for the additional degree. Separate Intent to Graduate forms must be filed for each degree.
6. **Additional options within a degree program.** A student may complete requirements for more than one option within an A.A.S. degree program by successfully completing all course requirements. Only one diploma will be issued for the degree.
7. **Obligations to the College.** All candidates must fulfill all financial obligations to the college including parking tickets, the return of library books, audio-visual tapes, college at home materials, etc.
8. **Exit Testing.** All students seeking a degree from Roane State will be required to take the Academic Profile exam prior to being granted their degree. Information regarding test administration dates will be sent to the student once his/her Intent to Graduate has been processed. Certificate students are exempt from the Academic Profile. A student may, as a condition of their graduation, be required to take additional tests designed to measure achievement in general education and in their major. The purpose of such testing is for evaluating institutional effectiveness or the academic program. Participation in testing may be required of all students, of students in certain programs, or of students selected on a sample basis. In order to comply fully with this provision, the student must authorize the release of his/her scores to the institution. Unless otherwise indicated, no minimum score or level of achievement is required for graduation and individual student scores will be treated as confidential.

Course Substitutions

Course substitutions require the approval of the student's faculty advisor and the appropriate academic dean. A form for this approval is available from faculty advisors and should be processed prior to registering for the course in question. Students in a transfer program should consult with their senior institution prior to submitting a substitution. Senior institutions may or may not honor substitutions. Course substitutions are not approved for articulation agreements or TN Transfer Pathways.

Graduation with Honors

Degree-seeking students may be eligible for academic honors based on the quality point average of coursework completed at Roane State. Academic honors are reflected on the student's transcript and diploma. Certificate students do not qualify for academic honors. Honors designations are

based on the following grade point averages: 3.5-3.69 cum laude; 3.7-3.89 magna cum laude; 3.9-4.0 summa cum laude.

Ceremony

Commencement exercises are held at the end of the spring semester only. Students who anticipate completing their work during the following summer are eligible to participate in commencement exercises if a grade point average is sufficient for graduation and an Intent to Graduate has been officially processed by the spring deadline. Due to the early printing date of the program, academic honors are based on the previous term GPA. Fall graduates will be invited to attend the following spring exercises. Participation in the ceremony is optional, but strongly encouraged. Information will be available at <http://www.roanestate.edu/commencement> in March.

Business Information

Tuition and fees are assessed and payable at registration each semester. Registration is not considered complete until all assessed tuition and fees have been paid. Tuition and fees paid by check are not considered to have been paid until the check has cleared the bank. Students who have not met all financial obligations at the college will not be permitted to attend classes. No student will be permitted to reenroll, graduate, or receive a transcript until all financial obligations to the college have been satisfied. *All tuition and fees are subject to change by direction of the Tennessee Board of Regents and will be posted on Roane State's website as changes are made.* The current semester class schedule should be consulted for current tuition and fee rates. Any student who has a question or problem concerning tuition, fees, or other monetary transactions pertaining to the college should contact the Business Office at toll free 1-866-462-7722 ext. 4515 or at 1-865-882-4515.

Tuition - Refundable

All students will be assessed a tuition fee. Students classified as out-of-state residents will be assessed tuition plus out-of-state tuition fees. The definition of residency as determined by the Tennessee Board of Regents will apply. Information concerning residence classifications may be obtained from the Registrar. Non-resident students will be accepted if space permits. For the current tuition fees, visit <http://www.roanestate.edu/tuition> or call toll free 1-866-462-7722 ext. 4515 or 1-865-882-4515.

Summer and Alternative Session Fees

Each semester classes are offered as full session, express session, and/or accelerated session. Any session may vary in the number of weeks that the classes meet. Students may register for the full session, alternative sessions or any combination thereof. Tuition rates and fees are applied based on the total number of enrolled hours per semester regardless of individual session hours. Regents Online Campus Collaborative classes

are not included in the calculation of fees for which there is a maximum charge. Fees for ROCC classes are computed on a per hour basis with no maximum rate being applied. For any student registering for any course(s) or adding course(s), the assessment of course fees and late fees is determined by courses (if any) for which the student registered before the first official day of classes for each session. The primary consideration in determining what fees are assessed is whether the student is registering for courses or adding courses. For this purpose the following definitions shall be used:

Registering for courses - a student registers for a course(s) if he/she is not already enrolled in a course(s) meeting the same semester as the course(s) in which he/she is enrolling.

Adding courses- A student adds courses when he/she is already enrolled in a course(s) meeting the same semester as the course in which he/she is enrolling and has paid for those courses.

Audit Fee

Fees for courses being audited are the same as those taken for credit. Students enrolled as audit are not required to take examinations and receive no credit for the class. Students over 60 years of age may audit classes on a space available basis under a tuition waiver plan. Contact the business office at toll free 1-866-462-7722 ext. 4515 or 1-865-882-4515 or the center nearest you for more information.

Miscellaneous Fees

There are several mandatory student fees associated with applying to Roane State and registering for classes. In addition, fees may be assessed for particular courses and activities. For the current list of miscellaneous fees and amounts, please visit <http://www.roanestate.edu/tuition> or call toll free at 1-866-462-7722 ext. 4515 or 865-882-4515.

Deferred Payment Plan

The deferred payment plan is available to students who meet certain criteria. For more information, please visit <http://www.roanestate.edu/tuition> or call toll free at 1-866-462-7722 ext. 4515 or 865-882-4515.

Discounts and Waivers

Senior Citizens and Disabled Persons

Disabled persons suffering from a permanent total disability and persons 60 years of age or older, who live in Tennessee, are eligible to enroll in courses for AUDIT without payment of tuition, technology, student activity fees, or registration fees. All remaining fees including special course fees will be assessed at the normal rate.

Disabled persons and persons sixty-five years of age or older, who live in Tennessee, are eligible to enroll in courses for CREDIT at the rate of one-half the credit hour fee per semester hour, up to a maximum of \$77. This rate applies to tuition fees, technology fees, student activity fees and registration fees. Special fees (such as graduation fee, telecourse/audio course fee, etc.) will be assessed at the regular rate. Arrangements should

be made well in advance of registration day to provide documented evidence of disability or age.

Fees for all Community Service courses must be paid at the regular rate.

Veterans Dependents

Pursuant to TCA 49-7-102, certain statutory fee exceptions exist for dependents and spouses of military personnel killed, missing in action, or officially declared a prisoner of war while serving honorably as a member of the armed forces during a period of armed conflict. If these provisions are invoked by a student, the correct applicable law will be determined. Contact the Business Office for additional information.

Higher Education Employees-Public Chapter 191

Full-time employees of the Tennessee Board of Regents and the University of Tennessee are eligible to enroll, on a space available basis, in one credit class per term without payment of tuition, technology, student activity, student government or access fees. Information on this program is available from the Human Resources Office. An application for Waiver of Fees—Public Chapter 191 (fully executed by the employing institution) must be presented at the time of registration. Participants in this program may register beginning four weeks prior to the first day of classes.

State Employee Fee Waiver Program

Full-time employees of the State of Tennessee are eligible to enroll, on a space available basis, in one credit course per term without paying tuition charges, technology fees, student activity fees, student government fee or registration fees. At the time of enrollment, the state employee must present a completed “Public Higher Education Fee Waiver for Employees of the State of Tennessee” form certifying that the applicant is a full-time employee with at least six months continuous service. Information on this program and related eligibility requirements is available from the Business Office. Participants in this program may register beginning no earlier than four weeks prior to the first official day of classes.

Fee Discount Program for Spouses and Dependent Children of TBR Employees

Spouses and dependent children of certain retired employees and regular employees of Tennessee Board of Regents institutions who have been employed for at least one continuous year and work at least one-half time are eligible for up to a 50% discount on tuition, technology, student government, access and activity fees. The amount of the tuition fee discount is 50% for full-time employees. Spouses and dependent children of part-time employees will receive a pro-rata portion of the 50% discount based on the employee’s percentage of work effort. This program is applicable only to undergraduate credit courses. Certain special conditions must be met to qualify for this program. Information on the program is available from the Personnel Office. A Request for Fee Discount for Spouse and/or Dependent form (fully executed by the employing institution) must be presented at the time of registration.

Fee Discount Program for Children of Licensed Public School Teachers and for Children of State Employees

Students under the age of 24 may receive a 25% discount on tuition fees and technology fees at any state operated institution of higher learning if their parent: (1) is employed as a full-time licensed teacher in any public school in Tennessee or as a full-time employee of the state of Tennessee, (2) is a retired employee of the state of Tennessee who retired after a

minimum of 25 years of creditable service, (3) was killed in the line of duty while a full-time employee of the state of Tennessee, or (4) died while a full-time employee, though not "in the line of duty." Fee discounts will not be retroactive; eligibility for the fee discount is available only by application and approval prior to the beginning of the term for which assistance is being sought. Information on this program and related eligibility requirements is available from the Business Office.

Refunds

All refunds policies are subject to change by direction of the Tennessee Board of Regents and will be posted on Roane State's website as changes are made.

Adjustments to all fees and charges must be in accordance with the following provisions except as previously stated, or when required by federal law or regulation to be otherwise.

Pursuant to T.C.A. § 49-7-2301 and 49-7-2302, students called to active military or National Guard service during the semester are entitled to a 100% adjustment or credit of mandatory fees. Housing and meal ticket charges may be prorated based on usage.

Maintenance Fee Refunds and Adjustments

Refunds are 100% for courses canceled by the institution.

Changes in courses involving the adding and dropping of equal numbers of SCH's for the same term at the same time require no refund or assessment of additional maintenance fees. The change of course fee would be applicable.

The fee adjustment for withdrawals or drops during regular terms (fall and spring) is 75% from the first day of classes through the fourteenth calendar day of classes and then reduced to 25% for a period of time which extends 25% of the length of the term. There is no fee adjustment after the 25% period ends. Students enrolling in more than a full-time course load receive the benefit of additional course work at no additional cost. Dropping or withdrawing from classes during either the 75% or the 25% fee adjustment period will result in a fee adjustment of assessed maintenance fees based on the total credit hours of the final student enrollment as described in item 10 below.

For summer sessions and other short terms, the 75% fee adjustment period and the 25% fee adjustment period will extend a length of time which is the same proportion of the term as the 75% and 25% periods are of the regular terms.

All fee adjustment periods will be rounded to whole days and the date on which each fee adjustment period ends will be included in publications. In calculating the 75% period for other than the fall and spring and in calculating the 25% length of term in all cases, the number of calendar days during the term will be considered. When the calculation produces a fractional day, rounding will be up or down to the nearest whole day.

A full refund (100%) is provided on behalf of a student whose death occurs during the term. Any indebtedness should be offset against the refund.

A 100% refund will be provided for students who enroll under an advance registration system but who drop a course or courses prior to the beginning of the first day of class.

A 100% refund will be provided to students who are compelled by the institution to withdraw when it is determined that through institutional error they were academically ineligible for enrollment or were not properly admitted to enroll for the course(s) being dropped. An appropriate official must certify in writing that this provision is applicable in each case.

When courses are included in a regular term's registration process for administrative convenience, but the course does not begin until later in the term, the 75%/25% fee adjustment periods will be based on the particular course's beginning and ending dates. This provision does not apply to classes during the fall or spring terms which may meet only once per week. Those courses will follow the same refund dates as other regular courses for the term.

The fee adjustment is calculated as the difference between (1) the cost of originally enrolled hours and (2) the per credit hour cost of the courses at final enrollment after adjustments have been applied for all courses dropped. Adjustments are calculated at the full per credit hour rate less the fee adjustment credit at the applicable fee adjustment percentage (regardless of the original number of hours enrolled) with total costs not to exceed full-time tuition. For students dropping courses resulting in a change from full-time status to part-time status, a fee adjustment in the tuition and fees will result only if the new calculated charges are less than the original charges. Not all drops/withdrawals will result in a fee adjustment.

Financial Aid Return of Title IV Funds- Students who receive assistance from Title IV financial aid programs and drop classes may have funds returned to each grant and/or loan account in accordance with applicable federal regulations.* For additional information, contact the Business or Financial Aid Office.

*If a student does a total withdrawal, he/she may owe a portion of funds back to either Roane State and/or the Department of Education.

Refund Appeals Process- Students may appeal a refund by submitting a written request by email outlining the basis for the appeal to fiscalservices@roanestate.edu. Refund appeal requests will be decided by the Assistant Vice President of Fiscal and Auxiliary Services. The student will be notified in writing of the decision within ten (10) working days of receipt of the written appeal request. Students may appeal the decision of the Assistant Vice President of Fiscal and Auxiliary Services to the President by submitting a written request for a refund appeal review to the Vice President for Business and Finance. The student will be notified in writing of the decision within ten (10) working days of receipt of the request for refund appeal review.

Community Services Activities: Withdrawals and Refunds

Withdrawal Policy- Registrants must notify the appropriate Continuing Education Unit, either by phone or in writing, of the intent to withdraw from a non-credit program. Failure to attend does not constitute withdrawal.

Refund Policy (Community Services Non-credit Courses) – For courses that meet on a weekly basis, registration may be canceled without penalty prior to the first class meeting. After the first class and prior to the second class, an 80% refund will be given. No refund will be made after the second class meeting.

For one and two day courses, withdrawals received prior to the first class meeting will be refunded in full. No refunds will be given after the course begins.

Courses canceled by Roane State Community College will be refunded in full or the registrants may elect to transfer into another course.

Refund Policy (Community Services Non-credit Conferences, Workshops or Seminars)- Registrants in conferences, workshops or seminars should make withdrawals no later than five working days prior to the activity start date in order to receive a complete refund. If a notification of less than five working days is given, a refund, less 10% of the registration fee, will be returned to the registrant. No refunds will be made after the activity begins. Substitutions can be made without prior notification. Registrants should check all literature on the activity for any special exceptions.

Special Exceptions- Some Community Services non-credit courses, conferences, workshops, or seminars may have special deadlines and/or requirements established for registration or refunds. Registrants should check all literature received on the activity for exceptions to the general policies.

Centers for Training Refund Policy- The Centers for Training and Development (CTD) consist of three “Centers” within Roane State’s Continuing Education division, the Center for Business and Industry, the Center for Computer Training and Professional Development and the Center for Health Sciences. CTD strives for “Excellent Customer Service” and will work to ensure this happens by offering credible, timely courses led by field expert consultants. Our goal is to make lifelong learning exciting and worth your investment of both time and money. To do this we design our classes to “make” with a small number of participants and therefore it is critical that we know the commitment of each course registration. Our Refund Policy serves participants by providing a 100% refund when CTD personnel are notified of a cancellation within 48 hours of the event, workshop, course, etc. It also serves the participants in the class by letting CTD decide two days in advance if the class will “make” or not.

Books and Supplies

The cost of books and supplies will vary from one program to another. The bookstore sells both new and used books. Students are encouraged to take advantage of savings which result when purchasing used books. The College Bookstore will buy back used books in good usable condition in quantities limited to the anticipated needs for ensuing semesters. Book buy back periods are announced at the end of each semester. Students selling books back to the bookstore will be required to furnish a Roane State Community College ID card. For more information, visit <http://www.roanestate.edu/bookstore> or call toll free at 1-866-462-7722 ext. 4671 or 865-882-4671.

Check Cashing/ Acceptance Policy

Roane State provides a free check cashing service as a convenience to our students and employees. Personal checks for an amount up to \$25 will be cashed at the cashiers window or bookstore at the Roane County and Oak Ridge campuses with appropriate identification.

If a check written for payment of a student’s maintenance fee is returned, the student has (10) days in which to make restitution to the college via payment by cash, certified check, cashier’s check, or postal money order.

Failure to make such restitution will result in immediate disenrollment. Suspension from classes could also result from checks returned on the purchase of books or payment of other fees.

The college reserves the right to refuse to cash any check. Appeals concerning the cashing of checks may be made to the Assistant Vice President for Fiscal and Auxiliary Services.

Financial Aid Information

The financial aid program at Roane State Community College is designed to aid students who would find it difficult or impossible to attend college without financial assistance. Roane State offers a comprehensive program of financial aid in the form of scholarships, work study, grants and loans. Major emphasis is placed upon financial need, academic achievement, character, and promise of future success. For assistance with your Financial Aid needs you may call toll free 1-866-GO2-RSCC ext. 4545 or 1-865-354-3000 ext. 4545.

The basis for determining financial need is the result of an analysis of the parents’ and/or student’s resources as provided by the Free Application for Federal Student Aid (FAFSA). Students can access the form online at <http://www.fafsa.ed.gov>. All campuses can assist families in filling out the application.

Eligibility for financial aid is based on financial need, availability of funds and ability to maintain satisfactory progress. To qualify a student must:

1. Be admitted to attend or currently attending Roane State in an approved degree or certificate program and
2. Submit academic transcripts from all previously attended colleges and
3. Submit the online Free Application for Federal Student Aid to determine financial need
4. Submit verifying documents if requested by the Financial Aid Office and
5. Meet Roane State’s satisfactory progress standards as noted in a later section.

Roane State encourages students to complete the Free Application for Federal Student Aid (FAFSA) as early as possible. Beginning October 1, 2016, the FAFSA will be available for the 2017-2018 aid year and on October 1 for each following year. Roane State has set the following priority dates for file completion:

- Fall semester files should be completed by August 1st to ensure processing for fee payment.
- Spring semester files should be completed by December 1st to ensure processing for fee payment.
- Summer semester files should be completed by May 1st to ensure processing for fee payment.

Students applying after the priority dates listed above will be required to pay for the tuition and fees, and possibly be reimbursed if they qualify for financial aid assistance at a later date.

Federal Pell Grants

Federal Pell Grants are made available through the Title IV Student Financial Aid Programs and funded by tax dollars. Students should apply early through the FAFSA (Roane State's school code is 009914) and make the Federal Pell Grant the primary source of financial aid since all other sources of assistance are based upon this eligibility. Beginning October 1, 2016, the FAFSA will be available for the 2017-2018 aid year and on October 1 for each following year. A lifetime limit of the Pell grant is equal to 12 full-time semesters and is monitored by the Department of Education.

Federal Supplemental Educational Opportunity Grant (FSEOG) and Federal Work-Study Program (FWS)

As part of the federally funded Campus-based Programs of Title IV, students may be considered for these additional funds after eligibility for the Federal Pell Grant has been determined. These programs have limited funding. Awards from these programs are made in the fall semester of each year, on a *first-come, first-served* basis.

If a student wants to be considered for *FSEOG* funds, he/she must fill out the FAFSA and complete the financial aid file as early as possible, since these awards are made on a first-come, first served basis. Beginning October 1, 2016, the FAFSA will be available for the 2017-2018 aid year and on October 1 for each following year.

If a student wants to be considered for the *Federal Work-Study* program, he/she must fill out the FAFSA, have a completed financial aid file and apply with the online *Federal Work-Study Program Interest Form* (accessible through RaiderNet).

Tennessee Student Assistance Award

The Tennessee Student Assistance Award administered by the Tennessee Student Assistance Corporation is a grant made available to Tennessee residents attending college in the State of Tennessee. An application deadline is assigned by the corporation each year. Funds are limited, so early application through the FAFSA is important. Beginning October 1, 2016, the FAFSA will be available for the 2017-2018 aid year and on October 1 for each following year.

Student Loans

If students are interested in applying for the student loan programs, they should file the Free Application for Federal Student Aid (FAFSA) and complete any additional requirements requested. In addition, a separate online *Student Loan Information and Amount Acceptance form* will be required, accessible through RaiderNet.

The Federal Stafford Loan Program is available to students who have been determined eligible through the above-mentioned need analysis system. All student loans will be handled directly through the U.S. Department of Education. There are 2 types of Federal Direct loans available to RSCC students: subsidized (interest is paid by the Department of Education while the student maintains half-time enrollment) or unsubsidized (a variable interest loan). Repayment begins six months after the student withdraws, graduates or drops to less than 6 credit hours. Maximum loan limits are mandated by the Department of Education. More details are available in the required reading for the online *Student Loan Information and Amount Acceptance form*.

If you are a first-time borrower on or after July 1, 2013, there is a limit on the maximum period of time (measured in academic years) that you can receive Direct Subsidized Loans. This time limit does not apply to Direct Unsubsidized Loans. If this limit applies to you, you may not receive Direct Subsidized Loans for more than 150 percent of the published length of your program. This is called your "maximum eligibility period." The Department of Education will determine whether borrowers are "first-time borrowers" for the purposes of the 150% limit.

The Financial Aid Office will strive to process loans quickly and accurately. Remember, a student loan is the student's responsibility and student's debt and it is beneficial to be informed, borrow conservatively, and ask questions.

For more information please call toll free 1-866-GO2-RSCC ext. 4545 or 865-882-4545.

Satisfactory Progress Standards

The regulations that students receiving financial aid must follow are:

1. Must be working toward an associate's degree or certificate (some certificates may not be eligible pending approval of program). Special students for credit are not eligible for any funding.
2. May receive federal funding for: 30 attempted Learning Support hours; 90 attempted college credit hours if degree seeking **OR** up to the point when all courses required for the program have been completed, whichever occurs first. (All attempted hours at RSCC and any other college or university attended count whether you receive funding or not); hours vary if certificate seeking (ask about limits).
3. Class attendance will be monitored. If reported by instructor for non-attendance, a student may be billed.
4. Class attendance will be verified before aid is disbursed.
5. A student will be on financial aid suspension if (s)he does not pass 67% of total attempted hours (passing grades = A, B, C, D, P only), or does not keep a 2.0 cumulative grade point average, or exceeds the limit for attempted hours for declared major. These

requirements are checked after spring semester. The appeal process will be outlined in the notification sent to the student and available on the RSCC website.

6. If on financial aid suspension, a student may attend Roane State at their own expense.
7. No financial aid (including student loans) may be received if on financial aid suspension.
8. Suspensions may be appealed with documentation to the Financial Aid Office by submitting an online appeal form located in the students' RaiderNet alert box. All appeals will be reviewed by the Financial Aid Appeal Committee.
9. A student can only receive financial aid at one school during a semester.
10. A student repeating a course(s) which was previously passed with a grade of A, B, C, or D, may repeat the course one additional time and receive federal financial aid. Incomplete ("I") grades during the second attempt will count and exhaust financial aid eligibility for that course.
11. Financial aid awards are based on enrollment status at time of census date (defined as 14th calendar day of each semester) or enrollment status at time of verification, if after the 14th calendar day of the semester. Awards will not be adjusted after the census date or after verification if occurring after census. This includes adding mini-session courses after the census date.

Presidential Book and Material Scholarship Criteria

1. Two Students from the current graduating class of each public high school in Roane State's service area (Anderson, Campbell, Cumberland, Fentress, Loudon, Morgan, Roane and Scott Counties) will be offered a \$500 book and materials scholarship. The scholarship awards will be based on GPA (minimum of 2.5), financial need, acceptance to Roane State and the recommendation of the high school counselor. In case of a tie, the applicant with the earliest application submission date will be chosen. Students must apply via the Foundation Scholarship Application, and if selected, submit a thank you letter before receiving the scholarship or iPad.
2. This is a one-time award and will not be renewed for an additional year.
3. A certificate which entitles them to choose either a \$500 Presidential Scholarship for Books and Materials or a new iPad will be presented at the High School awards night ceremony. Students who select the iPad are to bring a copy of their class schedule to the Foundation office to pick up the iPad. Students who select the \$500 scholarship will be awarded \$250 in the spring and \$250 in the fall of their Freshman year for the purchase of books in the Roane State Bookstore at either the Harriman or Oak Ridge Campus. Students will need to check their RaiderNet accounts and announcements to know the dates that when the bookstore account may be used.

Roane State Foundation Scholarships

Roane State has over 200 private scholarships through the Roane State Foundation. In selecting recipients for these scholarships, emphasis is placed upon scholastic achievement, character, future promise, and financial need. The scholarship application is available online at <http://www.roanestate.edu/scholarships> or call toll free at 1-866-GO2-RSCC ext. 4422 or 865-882-4507. The application deadline and scholarship regulations are also found there.

Diversity Scholarships

Students must be either economically disadvantaged, first generation college students, or part of an under-represented ethnic population either at the college or in a program of study, and who have applied for federal student aid through the FAFSA. The Diversity Scholarship provides money to assist with tuition and fees. This application is available on the scholarship website.

Athletic Scholarships

The college annually awards a number of athletic scholarships. For detailed information contact the Director of Athletics at <http://www.roanestate.edu/athletics> or call toll free at 1-866-GO2-RSCC ext. 4581 or 865-882-4581.

Tennessee Education Lottery Scholarship Program

The Tennessee Lottery Scholarship began in 2004 for high school students. Since that time with additional enhancements, other students are now potentially eligible. Apply by filing a FAFSA beginning January 1 of each year at <http://www.fafsa.ed.gov>. *Application deadline is September 1 of each year for fall enrollment and February 1 for spring enrollment.* For additional information and specific eligibility requirements, go to <http://www.tn.gov/collegepays> and <http://www.roanestate.edu/financialaid>, or call 865-882-4545 or toll free 1-866-GO2-RSCC ext. 4545.

Tennessee Promise

Beginning with the Class of 2015, high school students in Tennessee may apply for the Tennessee Promise scholarship, which can provide a last dollar scholarship for up to five (5) semesters. This last-dollar scholarship will cover the cost of tuition and mandatory fees that are left unpaid *after* Pell Grant, Tennessee Student Assistance Award (TSAA), Tennessee Educational Lottery Scholarship (HOPE and Aspire), and tuition discounts and fee waivers have been applied to the eligible student's account. For

information on the application process and eligibility requirements, please visit the Tennessee Promise website at www.tnpromise.gov.

Student Resources

Advising Resource Center

The Advising Resource Center (ARC) is comprised of “general” advisors who can assist students as they enter Roane State. During a student’s first semester of attendance, he/she will be assigned a faculty advisor who specializes in the student’s major or area of study.

Staff in the ARC are also responsible for the DegreeWorks audit system, assigning faculty advisors, specialized AHS/NSG Advising for students in a candidate status, advising special populations and activities regarding articulation and transfer to 4-year colleges and universities. Staff are available on the Roane, Oak Ridge, and Cumberland campuses on a regular basis. The other campuses are staffed by appointment only. Contact the Advising Resource Center for advisor availability.

Counseling

The mission of Counseling is to help students manage obstacles that threaten their academic, career, and life goals. Counselors provide a wide range of services including: assistance with transitioning to college and basic college survival skills, short-term personal counseling for enrolled students, career assessments and individualized career counseling, resources and assistance with test anxiety issues, referrals to campus and community resources, and student disability services. For more information please visit www.roanestate.edu/counseling, www.roanestate.edu/careerservices or www.roanestate.edu/disabilityservices. The Roane County office may be reached toll free at 1-866-462-7722 ext. 4546 or 865-882-4546. The Oak Ridge office may be reached toll free at 1-866-462-7722 ext. 2003 or 865-481-2003.

CTAT - Center for Teaching Arts and Technology

The Center for Teaching Arts and Technology supports Roane State Community College faculty and students in the effective use of instructional and educational technology in the classroom, as well as providing training for Brightspace by D2L/Momentum, the college’s online learning management system. The Center staff members are also available to assist students with multimedia projects that require the use of technology.

CTAT has offices on the Harriman (L200) and Oak Ridge (B116) Campuses. Staff can be reached at (865) 882-4556. CTAT’s website also has Student Training resources available for RSCC students.

Disability Services

Roane State complies with Section 504 of the Rehabilitation Act of 1973 and with the Americans with Disabilities Act (ADA) of 1990 (as amended in 2008). Any student who has a disability that would like to request reasonable accommodations must contact Disability Services to self-identify and to provide appropriate documentation of the disability from a qualified professional. Participation in the services is on a voluntary basis, and accommodations are coordinated on a case-by-case basis through Disability Services. Accommodations are not retroactive, and they do not roll from semester to semester. Students are required to schedule an appointment for accommodations Disability Services each semester before classes begin. The Disability Services Handbook, which outlines policies and procedures for obtaining services, may be accessed online at <http://www.roanestate.edu/disabilityservices>. The Roane County office may be reached toll free at 1-866-462-7722 ext. 4546 or 865-882-4546. The Oak Ridge office may be reached toll free at 1-866-462-7722 ext. 2003 or 865-481-2003.

Food Services

The Raider Cafe at the main campus and Anderson’s Grille at the Oak Ridge Branch Campus are operated by private contractors for the express purpose of providing students with good quality food. Hours of operation are posted in the cafeteria area of the Oak Ridge Branch Campus and the Roane County Campus.

RSCC provides vending machines stocked with drinks, candies, chips, sweets, soup, and other items through a contractual agreement with a private vending contractor. To ensure that all vending products are fresh and good-tasting, the vendor replaces all unsold machine items on a regularly scheduled basis.

Inclement Weather Information

RSCC recommends that students use their own discretion in attending classes when snow and icy conditions exist. Additional information on the cancellation of classes due to inclement weather is available from the Roane State homepage, local news media, and RaiderAlert, which sends safety and weather text messages to your mobile device. Students, faculty, and staff may enroll in RaiderAlert at <http://www.roanestate.edu/raideralert>.

Learning Centers

The Learning Centers support the classroom experience by providing individual assistance, learning technology and other resources for students, and support services for faculty. We promote a positive and confident attitude toward learning. We offer an environment designed to help students take responsibility for their learning, learn efficiently, persist in their efforts to reach academic and career goals, and achieve academic excellence. Our secondary mission is to make our resources available to staff and community. There are Learning Centers on the Roane County Campus (L-212, second floor of the Library), the Cumberland County Campus (Rm. 159), and the Oak Ridge Branch Campus (Coffey Building,

F-101). Visit our web site at <http://www.roanestate.edu/learningcenter> or call tollfree at 1-866-462-7222 ext. 4677 or 865-882-4677.

Tutoring in Math, Science and Other Disciplines - The Learning Centers provide tutoring in a variety of disciplines. Students can check the schedule for available tutors that is published on the Learning Center website, distributed around the campuses, and posted outside the Learning Centers.

Writing Help - Each center offers the following help to students: Writing consultations are available. The writing consultants (usually the director or a student writing tutor) do not edit or proofread writing assignments. When working with students, they focus on rhetorical and logical principles. Students are introduced to models of excellence in writing and challenged to think clearly and critically. We look for patterns of error and stress solid organization.

The RSCC Online Writing Lab (OWL) - It contains a number of online documents that students can access to help solve their writing and research problems. The documents include brief instructions for writing essays in various rhetorical modes, along with student samples; guidelines for writing research papers; help in using MLA style and quotations; tips for conducting interviews and for keyboarding; help with organization and writing introductions and conclusions; and information on conducting research on the Web. The OWL also includes a wealth of information for faculty, including links to other OWLs and professional sites across the country and to Web assignments. It can be accessed at <http://www.roanestate.edu/owl>.

Online Tutoring - The Learning Centers also provide free online learning assistance for Roane State students through SMARTHINKING.COM. SMARTHINKING provides online tutoring in General Chemistry, Organic Chemistry, Physics, Biology, Introduction to Human Anatomy and Physiology, Accounting, Economics, Introductory Finance, Spanish, and Statistics. Students will log in with their complete RaiderNet email address (username@roanestate.edu) for username and R# (including capital R) for password.

Group Study Rooms - Students may sign up to use one of the Group Study Rooms located on the Roane County, Oak Ridge or Scott County campus.

Computer Use - Each center is equipped with computers that have Microsoft Word, Excel, and other Microsoft products. Center staff members provide free basic computer instruction. It is not necessary to make an appointment to use a computer. The centers also provide RaiderNet access.

Libraries

Roane State Libraries are here to help all Roane State students in every discipline. The librarians can help you find the books, articles, videos, databases and websites you need to succeed in your classes. They can also help you learn how to do research.

Roane State has libraries at the Harriman, Oak Ridge, and Scott campuses. They can send books from these three locations to any other Roane State teaching location. The libraries also offer eBooks, eJournals, online videos and other online resources to support students wherever they need to learn.

Using the library can make your life a lot easier. Phone: 1.866.462.7722,

x 4553 (toll-free) or 865.882.4553. Our website is: <http://library.roanestate.edu>. Twitter: @rscclibrary Facebook: rscclibrary

Placement Office

Roane State's Placement Office offers a full range of job search services to students and alumni seeking employment opportunities. It is our goal to provide these services via the Placement webpage (www.roanestate.edu/placement) as well as through contacting the Placement Office located on the Harriman campus. Services include assistance in resume and cover letter preparation; improving interview and presentation skills; providing individual counseling and group seminars to assist with a self-directed job search and any other necessary skills needed to help the applicant to be competitive in today's job market. RaiderRecruit is our online system where employers post their job opportunities and students/alumni upload their resumes which in turn will auto-match applicants with employers. This program also assists with many other job search resources customized to each student's preference. Career Spots employer/recruiter based videos focus on effective job search techniques as well as providing a Career Exploration library of 550 videos describing the specific job/occupation details of each.

Other services provided by the Placement Office include Co-op/Internship information and assistance; Federal Work Study placements; weekly job search articles and various other job search resource links to access when needed. Online services provide job search assistance 24/7. The Placement Director is always available to meet individual requests when needed.

Student Handbook

The Student Handbook is found at roanestate.edu/studenthandbook

Complaint Procedures are outlined in the Student Handbook.

Academic Standards and Expectations

Statement of Academic Integrity

An essential feature of any institution of higher learning is a commitment to maintaining an atmosphere of intellectual integrity and academic honesty. Plagiarism (the use of the intellectual property of someone else without giving proper credit), cheating, and other forms of academic dishonesty are prohibited. The instructor has the authority to assign an "F" or a zero for the exercise or examination, or to assign an "F" in the course, to a student found guilty of academic misconduct.

Each student is responsible for his/her own personal integrity and honor in academic life, and when accepting admittance to Roane State, affirms and subscribes to this commitment to neither knowingly give nor receive any

inappropriate assistance in academic work.

Academic Program Opportunities

Cooperative Education

The Cooperative Education program provides students with meaningful work experience related to their major field of study. The Placement Office at Roane State works with students and/or area employers to develop cooperative education experiences for Roane State students. These experiences allow the student to get practical on-the-job training prior to entering the work force. Cooperative education work assignments at Roane State are concurrent, meaning that the student is enrolled in coursework leading to an associate degree while working.

Students must be in good academic standing and have completed 12 semester hours of coursework in their major (excluding Academic Development courses). A student may earn a maximum of 12 semester hours of co-op credit which may then be used toward general elective credit in the program of study. Students interested in receiving co-operative education credit must be registered with the Placement Office, however registration does not guarantee a successful co-op placement.

Co-op students must work a minimum of 10 hours per week over a 15-week period to receive co-op credit. While most co-op experiences are paid positions, some grant academic credit only.

All participants will be evaluated by the employing supervisor and will receive either a letter grade or pass/fail at the conclusion of the semester. Students are also asked to evaluate the employer and write a summary of the co-op experience. Visit <http://www.roanestate.edu/placement> for more information or to contact the Placement Coordinator toll free at 1-866-462-7722 ext. 4695 or 865-882-4695.

Honors Program

The Honors Program is the core of a variety of enrichment opportunities available at Roane State. The program offers a unique course of study to the most promising students at the college. The program, in affiliation with the National Collegiate Honors Council, is designed around the concept of student initiative and academic achievement. It is designed for students who want more from their collegiate experience. It provides opportunities to experience learning at a deeper level while having some responsibility for expression in creative academic projects. Honors serves students who work hard, raise questions, and seek answers.

The Honors Program maintains strict standards for admission and participation. However, there are no extra fees to pay and many services are provided at no cost to the students. The most important criterion for success is each student's motivation and dedication to learning.

Admission Requirements

You may apply to the program if you are a:

- Freshman who has attained a 3.5 GPA in high school and/or scored 25 or higher on the ACT

- Current RSCC student who has attained a 3.5 GPA with a minimum of 12 college level credits
- Transfer student who has attained 3.5 GPA with at least 12 college-level credits from another accredited institution.

NOTE: Some exceptions to these requirements are made based on a personal interview.

Honors students enjoy benefits such as field trips, social gatherings, cultural events, special programs and presentations. Members of the Honors Program are invited to join Phi Theta Kappa International Honor Society, which provides many transfer scholarships to four-year institutions.

Those who earn twelve hours of Honors credit and maintain at least a 3.3 GPA graduate as an Honors Associate and receive a certificate. Those who earn eighteen hours and maintain a 3.3 GPA graduate from the Honors Program and receive an Honors diploma. All Honors graduates and Phi Theta Kappa members receive special recognition at graduation. For more information visit <http://www.roanestate.edu/honorsprogram> or call toll free at 1-866-462-7722 ext. 4271 or ext. 2010 or 865-354-3000 ext. 4271 or ext. 2010.

International Education

Roane State Community College strives to provide International Education opportunities by bringing the world to our students and by bringing the college and the beauty of the Tennessee mountains to the world.

The International Education Office offers our Tennessee students, faculty and staff the opportunity to experience other cultures and life-styles and, through friendship and knowledge, embrace the world. These are not simply tourist travels: our experienced faculty is dedicated to true cultural immersion and deep sociological experiences.

Our International Students Office welcomes international students and collaborates with academic deans to offer a wide range of the highest quality learning opportunities. See <http://www.roanestate.edu/internationaleducation> for more information or call toll free at 1-866-462-7722 ext. 4643 or 865-882-4643.

Classroom Expectations

Attendance Regulations

1. Attendance of classes and other official appointments is expected and may be included in the calculation of a student's final grade.
2. An explanation of absences should be given to instructors. This information should be presented in advance if possible.
3. Absences are counted from the first scheduled meeting of the class. *Non-attendance does not constitute a withdrawal from classes or from the college.* Procedures to formally drop a course or to withdraw from the college must be followed. *Following these procedures may prevent a failing grade on a student's transcript.*
4. Some Health Science and Nursing programs may have attendance requirements that affect progress or retention in the program. Contact the program director for detailed information.

- Attendance will be monitored for students who receive Title IV financial aid funds. Lack of attendance could mandate administrative withdrawal and necessitate the repayment of financial aid funds.

Cell Phone Use

The use of cell phones or pagers within the classroom setting is expressly prohibited. All cell phones and pagers should be placed on silent mode, put away, and kept out of sight for the duration of the class.

Children on Campus

Children should not be brought to the classroom or left unattended in any RSCC location. Out of consideration to fellow students, faculty and staff, and for safety reasons, please secure appropriate baby-sitting services off-campus.

Student Emergency Calls

The only option the college has to locate a student on campus is via the student's class schedule. We will not be able to locate you if you are not in class. Therefore there must be an extreme emergency to justify interrupting the classroom. The office of the Assistant Vice President and Dean of Students will determine the legitimacy of the emergency call. An extreme emergency would include a sick child needing to be picked up at daycare; a serious injury to a family member; a death in the family, or other traumatizing event. The classroom will not be disturbed to deliver a message to remind the student to take care of personal business matters such as your work schedule; keeping doctor appointments; to pay your bills; to stop by the grocery store. These issues have to be managed by the student outside the classroom. Please make sure you communicate daily with relevant family members and others about your whereabouts especially if your schedule changes in any way. Remember, we cannot locate you if you are not in class should a legitimate emergency arise. You may contact the office of the Assistant Vice President and Dean of Students if you have questions at 865-882-4550.

Academic and Classroom Misconduct

- The instructor has the primary responsibility for maintenance of academic integrity and controlling classroom behavior, and can order the temporary removal or exclusion from the classroom of any student engaged in disruptive conduct or conduct that violates the general rules and policies of the institution for each class session during which the conduct occurs. Extended or permanent exclusion from the classroom, beyond the session in which the conduct occurred, or further disciplinary action can be effected only through appropriate procedures of the institution.
- Plagiarism, cheating, and other forms of academic dishonesty are prohibited. Students guilty of academic misconduct, either directly or indirectly through participation or assistance, are immediately responsible to the instructor of the class. In addition to other possible disciplinary sanctions which may be imposed through the regular institutional procedures as a result of academic misconduct, the instructor has the authority to assign an appropriate grade, including an "F" or a "zero" for the exercise

or examination. In cases where the instructor imposes Summary Academic Discipline by assigning an "F" for the course rather than a single exercise or assignment, the instructor shall make a written notification to the appropriate Academic Dean and the Assistant Vice President of Student Services/Dean of Students for an "F" to be assigned to the class in question. Disciplinary sanctions will be imposed only through appropriate institutional disciplinary processes coordinated by the Assistant Vice President of Student Services/Dean of Students when deemed necessary.

- Students may appeal a grade assignment associated with a finding of academic misconduct, as distinct from a student disciplinary sanction, through appropriate institutional academic misconduct or grade appeal procedures. Courses may not be dropped pending the final resolution of an allegation of academic misconduct. At RSCC, an administrative hold may be placed on the student's registration by the Registrar per notification to the appropriate Academic Dean pending final resolution of the allegation of academic misconduct. In order to initiate an administrative hold for suspicion of academic misconduct, an instructor will notify the appropriate Academic Dean. If the Academic Dean is satisfied that an administrative hold is warranted, he/she will notify the Registrar, who will implement the hold. The administrative hold may be implemented even if the student has dropped the course in question. If the allegation is disproven, the administrative hold will be lifted by the Registrar as directed by the appropriate Academic Dean or Vice-President of Student Learning. Grade appeal procedures can be found at roanestate.edu/catalog/?id=238.
- Disruptive behavior in the classroom may be defined as, but not limited to, behavior that obstructs or disrupts the learning environment (e.g., offensive language, harassment of students and professors, repeated outbursts from a student which disrupt the flow of instruction or prevent concentration on the subject taught, failure to cooperate in maintaining classroom decorum, etc.), text messaging, and the continued use of any electronic or other noise or light emitting device which disturbs others (e.g., disturbing noises from beepers, cell phones, palm pilots, lap-top computers, games, etc.).
- Other conduct violations as described in handbooks for specific programs of study.

For further information regarding Academic Misconduct, please refer to the RSCC Academic Misconduct web page: roanestate.edu/?7825-Academic-Misconduct.

For further information regarding the Student Disciplinary Policy, please refer to RSCC SA-06-01 Student Disciplinary Policy.

Academic Programs

General Education Mission and Purpose

General Education Philosophy

As productive members of a democracy, our students must accept the responsibility of making important decisions. The General Education curriculum is designed to enable students to develop the skills needed to identify problems, research and evaluate alternative solutions, and implement decisions. An ability to solve problems by using quantitative and qualitative reasoning and contemporary technologies is critical for success in the professional world and for evaluating matters of local, national, and global importance. Likewise, an ability to communicate well in a competitive and technological world is crucial to the success of our students. For communities to improve their social, economic, and physical environments, citizens must be able to express their ideas in writing and speech, listen and evaluate multiple viewpoints, and respectfully debate possible courses of action based on an informed context. The General Education curriculum at Roane State is built upon objectives that prepare students to attain these skills.

RSCC General Education Mission

Roane State Community College's teaching and learning mission is grounded in a commitment to provide students with learning experiences, built on general education competencies that will prepare them to become life-long learners. As a member of the Tennessee Board of Regents (TBR) System, Roane State supports the philosophy that students should develop broad knowledge and skills in the areas of communication, humanities/fine arts, social/behavioral sciences, history, natural sciences, and mathematics. Roane State's general education core curriculum integrates these competencies into the courses for which they are appropriate.

Courses Fulfilling General Education Requirements

Although the courses fulfilling the minimum degree requirements may vary in actual design among institutions, many contain similar content. These courses are identified by common course rubrics (prefixes and numbers) in all TBR institutions to facilitate transferability. The actual courses designated by each institution to fulfill the Minimum Degree Requirements, including courses that may not be a part of the common course prefix and numbering pattern, are listed below. A complete matrix of courses that satisfy the Minimum Degree Requirements at all TBR institutions and an explanation of the common course rubric and

numbering system are available on the TBR website (<http://www.tbr.edu>).

Communication

ENGL	1010	Composition I
ENGL	1020	Composition II
SPCH	1010	Fundamentals of Speech Communication

Humanities and/or Fine Arts

ARTH	1030	Art Appreciation
ARTH	2010	Survey of Art History I
ARTH	2020	Survey of Art History II
ENGL	2110	American Literature I
ENGL	2120	American Literature II
ENGL	2210	British Literature I
ENGL	2220	British Literature II
ENGL	2310	Survey of World Literature I
ENGL	2320	Survey of World Literature II
HUM	262	Great Works- Intro to Humanities
MUS	1030	Music Appreciation
PHIL	1030	Introduction to Philosophy
PHIL	121	Elementary Ethics
PHIL	201	Introduction to Religions of the World
THEA	1030	Introduction to Theatre

Social/Behavioral Sciences

ANTH	2150	Native American Studies
ECON	2010	Macroeconomics
ECON	2020	Microeconomics
GEOG	1220	Human Geography
GEOG	2010	World Regional Geography
INTL	1010	Introduction to Global Studies
POLS	1030	American Government
POLS	1025	Introduction to Political Science
PSYC	1030	General Psychology
PSYC	2220	Biological Basis of Behavior
PSYC	2130	Lifespan Psychology
SOCI	1010	Introduction to Sociology
SOCI	1020	Social Problems
SOCI	2110	Cultural Anthropology
SOCI	2120	Prehistoric Archaeology
WELL	1010	Lifetime Wellness

History

HIST	1010	Survey of Western Civilization I
HIST	1020	Survey of Western Civilization II
HIST	1210	Survey of World History I
HIST	1220	Survey of World History II
HIST	2010	Survey of United States History I
HIST	2020	Survey of United States History II

HIST 2030 Tennessee History

Natural Sciences

ASTR 1010 Introduction to Astronomy I
 ASTR 1020 Introduction to Astronomy II
 BIOL 1110 General Biology I
 BIOL 1120 General Biology II
 BIOL 2010 Human Anatomy and Physiology I
 BIOL 2015 Environmental Science
 BIOL 2020 Human Anatomy and Physiology II
 CHEM 1010 Introduction to Chemistry I
 CHEM 1020 Introduction to Chemistry II
 CHEM 1110 General Chemistry I
 CHEM 1120 General Chemistry II
 GEOL 1040 Physical Geology
 GEOL 1050 Historical Geology
 PHYS 2010 Non-Calculus Based Physics I
 PHYS 2020 Non-Calculus Based Physics II
 PHYS 2110 Calculus Based Physics I
 PHYS 2120 Calculus Based Physics II

Mathematics

MATH 1010 Survey of Mathematics
 MATH 1130 College Algebra
 MATH 1410 Number Concepts/Algebra Structures
 MATH 1530 Probability and Statistics
 MATH 1630 Finite Mathematics
 MATH 1720 Trigonometry
 MATH 1730 Pre-Calculus
 MATH 1830 Calculus for Business
 MATH 1910 Calculus I

Transfer to a University

Students who desire to earn a Bachelor of Arts or Bachelor of Science degree at a four-year college or university may complete the first two years of study at Roane State by enrolling in an Associate of Arts (AA), Associate of Science (AS), Associate of Fine Arts(AFA), or Associate of Science in Teaching(AST) degree program. The advantages of taking the first two years at Roane State include:

- Roane State's tuition and fees are among the lowest of any of Tennessee's colleges and universities.
- Roane State's class size is generally smaller which lends itself to more individualized instruction.
- Obtaining an Associate's degree allows a student to have credentials for employment while completing his/her baccalaureate degree.

Transfer Program Options

Tennessee Transfer Pathways

Tennessee Transfer Pathways (TTP) help students who plan to transfer to Tennessee public universities to complete their baccalaureate degrees. A student who completes all the courses listed on a TTP will earn an AA or AS degree from Roane State and is guaranteed that all the courses will count toward that university major. The Tennessee Transfer Pathways' prescribed curriculum must be followed exactly to ensure all credit hours transfer. Particular universities or programs may have additional requirements that apply. Admission into a university does not guarantee admission into a particular college or academic program. Roane State encourages student to contact his/her four year institution early in their academic program for additional requirement information. For more information go to: www.roanestate.edu/academicprograms

Articulation Agreements

Not all majors/programs are available through the Tennessee Transfer Pathways. Articulation Agreements exist to assist students with course selection for a particular senior institution and major. The agreements specify a curriculum that has been agreed upon by Roane State and a four-year college or university to satisfy degree requirements at both institutions. Completion of the first and second year of the agreement results in the completion of an AA or AS degree at Roane State. The remaining requirements for the third and fourth year are those required by the four-year college/university. For more information go to: www.roanestate.edu/articulation

Course Equivalencies

In the event that a student selects a major or college/university for which there is no Tennessee Transfer Pathway, or articulation agreement, the student may use the course equivalency tables to choose transferable courses and will follow the requirements for the AA or AS degree. The acceptance of RSCC courses for transfer and the fulfillment of degree requirements rests with the four-year college/university. A complete listing of course-by-course equivalencies is available at www.roanestate.edu/articulation

Associate of Arts (AA) and Associate of Science (AS) Degrees - Requirements

Communication: All Required

ENGL 1010 Composition I
 ENGL 1020 Composition II
 SPCH 1010 Fundamentals of Speech Communication

Literature: One course *(ENGL1020 is prerequisite)

ENGL 2110 American Lit I
 ENGL 2120 American Lit II
 ENGL 2210 British Lit I
 ENGL 2220 British Lit II
 ENGL 2310 World Lit I
 ENGL 2320 World Lit II

Humanities/Fine Arts: 2 courses

ARTH 2010 Survey of Art History I
 ARTH 2020 Survey of Art History II
 ARTH 1030 Art Appreciation
 HUM 262 Great Works-Intro to Humanities
 MUS 1030 Music Appreciation
 PHIL 1030 Intro to Philosophy
 PHIL 121 Elementary Ethics
 PHIL 201 Intro to Religions of World
 THEA 1030 Intro to Theater
 Any other ENGL Literature course*
 *(ENGL1020 is prerequisite)

Social Science: 2 courses

ANTH 2150 Native American Studies
 ECON 2010 Macroeconomics
 ECON 2020 Microeconomics
 GEOG 1220 Human Geography
 GEOG 2010 World Regional Geography
 INTL 1010 Intro to Global Studies
 POLS 1030 American Government
 POLS 1025 Intro to Political Science
 PSYC 1030 General Psychology
 PSYC 2220 Biological Basis of Behavior
 PSYC 2130 Life Span Psychology
 SOCI 1010 Intro to Sociology
 SOCI 1020 Social Problems
 SOCI 2110 Cultural Anthropology
 SOCI 2120 Prehistoric Archaeology
 WELL 1010 Lifetime Wellness

History: 2 course sequence

HIST 1010/1020 Western Civilization
 HIST 1210/1220 World History
 HIST 2010/2020 US History
 HIST 2030 TN History (may substitute for 1 US History course)
 (Check with your senior institution before taking history)

Natural Science: 2 courses

ASTR 1010/1020 Astronomy
 BIOL 1110/1120 Gen Biology
 BIOL 2010/2020 Anatomy and Physiology
 CHEM 1010/1020 Intro to Chemistry
 CHEM 1110/1120 General Chemistry
 GEOL 1040/1050 Phys/Historical Geology
 PHYS 2010/2020 Non-Calc Physics
 PHYS 2110/2120 Calculus-Based Physics

Mathematics: 1 course

MATH 1010 Survey of Mathematics
 MATH 1130 College Algebra
 MATH 1410 Number Con/Alg Structures
 MATH 1530 Probability and Statistics
 MATH 1630 Finite Math
 MATH 1720 Trigonometry
 MATH 1730 Pre-Calculus
 MATH 1830 Calculus for Business
 MATH 1910 Calculus I

Transferrable Electives: 19 credit hours required

Students should select appropriate electives for their intended major at the four-year institution. For the A.A. degree, a student must complete 6

credit hours of foreign language as part of the electives.

Total Required credit hours for the AA or AS degree: 60

Transferability of Courses to Tennessee Board of Regents (TBR) Institutions

Although the courses designated by TBR institutions to fulfill the requirements of the general education subject categories vary, transfer of the courses is assured through the following means:

- Upon completion of an A.A. or A.S. degree, the requirements of the lower division general education core will be complete and accepted by a TBR university in the transfer process.
- If an A.A. or A.S. is not obtained, transfer of general education courses will be based upon fulfillment of complete subject categories. (Example: If all eight hours in the category of Natural Sciences are complete, then this “block” of the general education core is complete.) When a subject category is incomplete, course-by-course evaluation will be conducted. The provision of block fulfillment pertains also to students who transfer among TBR universities.
- Institutional/departmental requirements of the grade of “C” will be honored. Even if credit is granted for a course, any specific requirements for the grade of “C” by the receiving institution will be enforced.
- In certain majors, specific courses must be taken also in general education. It is important that students and advisors be aware of any major requirements that must be fulfilled under lower-division general education.

A complete listing of the courses fulfilling general education requirements for all TBR institutions is available on the TBR website (<http://www.tbr.edu>) under Transfer and Articulation Information.

Every TBR institution incorporates the 41 semester hours listed above into its degree program requirements and accepts all courses designated as meeting these requirements at other TBR institutions. By ensuring the transferability of courses fulfilling the Minimum Degree Requirements, the TBR has eliminated unnecessary repetition of these courses by students transferring to institutions within the TBR system. Because each TBR institution has a unique mission and its own distinctive curriculum, an institution may require students to complete additional courses in the Minimum Degree subject areas and in other areas that may comprise an institutional General Education Program. Students planning to receive a bachelor of arts or associate of arts degree must demonstrate proficiency in a foreign language as prescribed in the institutional degree requirements.

Academic Plans

Accounting

Students who follow this academic plan will receive an Associate of Science with a concentration in Accounting.

1st Fall			Hours
ENGL	1010	Composition I	3
INFS	1010	Computer Applications	3
ACCT	1010	Accounting I	3
MATH	1530	Probability and Statistics non-Calculus based ¹	3
		Natural Science Elective	4
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges or universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
SPCH	1010	Fundamentals of Speech	3
ACCT	1020	Accounting II	3
MATH	1130	College Algebra (Recommended) OR MATH 1630 Finite Math ²	3
		Natural Science Elective	4
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
ECON	2010	Macroeconomics	3
MATH	1830	Calculus for Business ³	3
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
ECON	2020	Microeconomics	3
		History Elective	3
		Humanities Elective	3
		Electives	4
TERM TOTAL			13

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS

60

¹Students who plan to transfer to the University of Tennessee, Knoxville must complete MATH 2050, Calculus-based Probability and Statistics.

²Students transferring to APSU, ETSU, MTSU, TSU, or UT Knoxville should take MATH 1630. Students transferring to TTU, University of Memphis, UT Chattanooga, or UT Martin should take a college algebra course.

³Calculus for Business or equivalent is required at ETSU, UT Knoxville, University of Memphis, UT Chattanooga, TSU, and TTU only. Calculus for Business or equivalent is NOT required at UT Martin, APSU, or MTSU.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Social Science, Business and Education Department, 865-354-3000, x4582.

Agriculture

Students who follow this academic plan will receive an Associate of Science with a concentration in Agriculture.

Mar Contact transfer institution about registration/ financial aid

TOTAL HOURS

60

*Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

For further information: Mathematics and Sciences Division, 865-354-3000, x4533

1st Fall			Hours
ENGL	1010	Composition I	3
SPCH	1010	Fundamentals of Speech	3
BIOL	1110	General Biology I (Recommended) OR Natural Science Elective	4
MATH	1130	College Algebra (Recommended) OR Mathematics Elective	3
		Elective	3
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
BIOL	1120	General Biology II (Recommended) OR Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		Elective	3
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
		Electives	6
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
		History Elective	3
		Social/Behavioral Science Elective	3
		Electives	7
TERM TOTAL			13

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

Art-Studio

Students who follow this academic plan will receive an Associate of Arts with a concentration in Art-Studio.

1st Fall			Hours
ENGL	1010	Composition I	3
ARTP	1010	Drawing I	3
SPCH	1010	Fundamentals of Speech	3
ARTH	2010	Art History I	3
MATH	1010	Survey of Mathematics (Recommended) OR Mathematics Elective	3
TERM TOTAL			15
Action Items			
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term		
Nov	Visit colleges and universities Register for next term		

1st Spring			Hours
ENGL	1020	Composition II	3
ARTP	1020	Drawing II	3
ARTH	2020	Art History II	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
TERM TOTAL			16
Action Items			
Mar	Meet with Success Coach or Advisor		
April	Decide on transfer institution Register for next term		

2nd Fall			Hours
ARTP	1110	Two Dimensional Design	3
		Literature Elective	3
		History Elective	3
		Natural Science Elective	4
		Foreign Language	3
TERM TOTAL			16
Action Items			
Sept	Complete Intent to Graduate with Faculty Advisor		
Oct	Meet with Faculty Advisor		
Nov	Apply for admission to transfer institution Register for next term		

2nd Spring			Hours
ARTP	1120	Three Dimensional Design	3
		History Elective	3
		Social/Behavioral Science Elective	3
		Foreign Language	3
		Studio Art Elective	3
TERM TOTAL			15
Action Items			

Feb Take Exit Exam (ETS Proficiency Profile)
Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS

62

*Students who attend Community Colleges that do not offer ARTH 2010 and 2020 will complete these courses upon transfer to a University. These students will complete requirements in the Humanities/Fine Arts as prescribed at the Community College where they are enrolled.
**Students who plan to attend East Tennessee State University or the University of Tennessee Knoxville will complete Drawing I and a three-hour elective course in Studio Art rather than Drawing II.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be selected carefully to meet requirements at the transfer institution.

For further information: Humanities Division, 865-354-3000 x 4567

Biology

Students who follow this academic plan will receive an Associate of Science with a concentration in Biology.

Mar Contact transfer institution about registration/ financial aid

TOTAL HOURS

61-62

1st Fall			Hours
ENGL	1010	Composition I	3
CHEM	1110	General Chemistry I	4
BIOL	1110	General Biology I	4
SPCH	1010	Fundamentals of Speech	3
TERM TOTAL			14

¹At UT Knoxville, this sequence **must** be Organic Chemistry I and either a course in Cell Biology with a lab or Genetics with a lab.

²At UT Knoxville, the mathematics course **must** be Calculus II.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Mathematics and Sciences Division, 865-354-3000, x4533

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
CHEM	1120	General Chemistry II	4
BIOL	1120	General Biology II	4
		Social/Behavioral Science Elective	3
		Humanities Elective	3
TERM TOTAL			17

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
MATH	1910	Calculus I	4
CHEM	2010	Organic Chemistry I ¹	4
		Literature Elective	3
		History Elective	3
TERM TOTAL			14

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
MATH	1920	Calculus II ² (Recommended) OR MATH 1530 Probability and Statistics non-Calculus based	3-4
CHEM	2020	Organic Chemistry II ¹	4
		History Elective	3
		Social/Behavioral Science Elective	3
		Humanities Elective	3
TERM TOTAL			16-17

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

Business Administration

Students who follow this academic plan will receive an Associate of Science with a concentration in Business Administration.

1st Fall			Hours
ENGL	1010	Composition I	3
ACCT	1010	Accounting I	3
INFS	1010	Computer Applications	3
MATH	1530	Probability and Statistics non-Calculus based ¹	3
		Humanities Elective	3
		TERM TOTAL	15
Action Items			
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term		
Nov	Visit Colleges or Universities Register for next term		
1st Spring			Hours
ENGL	1020	Composition II	3
ACCT	1020	Accounting II	3
MATH	1630	Finite Math ² (Recommended) OR MATH 1130 College Algebra ²	3
SPCH	1010	Fundamentals of Speech	3
		Humanities Elective	3
		TERM TOTAL	15
Action Items			
Mar	Meet with Success Coach or Advisor		
Apr	Decide on transfer institution Register for next		
2nd Fall			Hours
ECON	2010	Macroeconomics	3
MATH	1830	Calculus for Business ³	3
		Literature Elective	3
		History Elective	3
		Natural Science Elective	4
		TERM TOTAL	16
Action Items			
Sept	Complete Intent to Graduate with Faculty Adviser		
Oct	Meet with Faculty Advisor		
Nov	Apply for admission to transfer institution Register for next term		
2nd Spring			Hours
ECON	2020	Microeconomics	3
		History Elective	3
		Natural Science Elective	4
		Electives	4
		TERM TOTAL	14
Action Items			
Feb	Take Exit Exam (ETS Proficiency Profile)		

Mar Contact transfer institution about Registration/
Financial Aid

TOTAL HOURS

60

¹Students who plan to transfer to UT Knoxville should complete MATH 2050, Calculus-based Probability and Statistics.

²Students who plan to transfer to APSU, ETSU, MTSU, TSU, or UT Knoxville should take MATH 1630. Students who plan to transfer to TTU, University of Memphis, UT Chattanooga, or UT Martin should take MATH 1130.

³Calculus for Business or equivalent is required at ETSU, UT Knoxville, University of Memphis, UT Chattanooga, TSU, and TTU **only**. Calculus for Business or equivalent is **not** required at APSU, MTSU, or UT Martin.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Social Science, Business and Education Division,
865-354-3000 x 4582

Chemistry

TOTAL HOURS

62

Students who follow this academic plan will receive an Associate of Science with a concentration in Chemistry.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Mathematics and Sciences Division, 865-354-3000 x 4533

1st Fall			Hours
ENGL	1010	Composition I	3
CHEM	1110	General Chemistry I	4
MATH	1910	Calculus I	4
SPCH	1010	Fundamentals of Speech	3
		Social Science Elective	3
		Term Total	17

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
CHEM	1120	General Chemistry II	4
MATH	1920	Calculus II	4
		Social Science Elective	3
		Humanities Elective	3
		Term Total	17

Action Items

- Mar Meet with Success Coach or Advisor
- Apr Decide on transfer institution
Register for next term

2nd Fall			Hours
CHEM	2010	Organic Chemistry I	4
PHYS	2110	Calculus-based Physics I	4
		Literature Elective	3
		History Elective	3
		Term Total	14

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
CHEM	2020	Organic Chemistry II	4
PHYS	2120	Calculus-based Physics II	4
		History Elective	3
		Humanities Elective	3
		Term Total	14

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/
financial aid

Civil Engineering

Students who follow this academic plan will receive an Associate of Science with a concentration in Civil Engineering.

		Hours	TOTAL HOURS	66
1st Fall				
ENGL	1010	Composition I	3	
MATH	1910	Calculus I	4	
SPCH	1010	Fundamentals of Speech	3	
		Social/Behavioral Science Elective	3	
		Humanities Elective	3	
		TERM TOTAL	16	
Action Items				
Oct		Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term		
Nov		Visit colleges or universities Register for next term		
1st Spring				
ENGL	1020	Composition II	3	
MATH	1920	Calculus II	4	
CHEM	1110	General Chemistry I	4	
		Humanities Elective	3	
		Social Science Elective	3	
		TERM TOTAL	17	
Action Items				
Mar		Meet with Success Coach or Advisor		
April		Decide on transfer institution Register for next term		
2nd Fall				
PHYS	2110	Calculus-based Physics I	4	
MATH	2110	Calculus III	4	
ENGR	2110	Statics	3	
		Literature Elective	3	
		History Elective	3	
		TERM TOTAL	17	
Action Items				
Sept		Complete Intent to Graduate with Faculty Advisor		
Oct		Meet with Faculty Advisor		
Nov		Apply for admission to transfer institution Register for next term		
2nd Spring				
PHYS	2120	Calculus-based Physics II	4	
ENGR	2120	Dynamics	3	
MATH	2120	Differential Equations	3	
MATH	2010	Matrix Algebra (Recommended) OR MATH 2050 Calculus-based Probability and Statistics	3	
		History Elective	3	
		TERM TOTAL	16	

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/financial aid

- Students are strongly encouraged to complete a course in Mechanics of Materials, also known as Strength of Materials, before transferring to a University.
- Courses in Engineering Technology do not fulfill any of the requirements for the Area of Emphasis in Civil Engineering.
- Although it is possible to complete the B.S. Degree in Civil Engineering in four semesters after earning an Associate's Degree, students typically need five or six semesters to complete the requirements.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Mathematics and Sciences Division, 865-354-3000 x 4533

Computer Art and Design (AA)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Computer Art and Design.

Foreign Language Elective	3
Elective	1
TERM TOTAL	13

1st Fall			Hours
ENGL	1010	Composition I	3
SPCH	1010	Fundamentals of Speech	3
		Natural Science Elective	4
		Mathematics Elective	3
ARTP	1010	Drawing I (Recommended) OR Elective	3
TERM TOTAL			16

- Action Items
- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
 - Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
ARTH	2010	Art History I (Recommended) OR Humanities Elective	3
ARTP	1020	Drawing II (Recommended) OR Elective	3
TERM TOTAL			16

- Action Items
- Mar Meet with Success Coach or Advisor
 - April Decide on transfer institution
Register for next term

2nd Fall			Hours
		Literature Elective	3
		History Elective	3
ARTH	2020	Art History II (Recommended) OR Humanities Elective	3
ARTP	1110	Two Dimensional Design (Recommended) OR Elective	3
		Foreign Language Elective	3
TERM TOTAL			15

- Action Items
- Sept Complete Intent to Graduate with Faculty Advisor
 - Oct Meet with Faculty Advisor
 - Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
		History Elective	3
		Social/Behavioral Science Elective	3
ARTP	1120	Three Dimensional Design (Recommended) OR Elective	3

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/financial aid

TERM TOTAL	60
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*Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

For further information: Humanities Division 865-354-3000, x4567

Computer Art and Design (AS)

Students who follow this academic plan will receive an Associate of Science with a concentration in Computer Art and Design.

1st Fall			Hours
ENGL	1010	Composition I	3
SPCH	1010	Fundamentals of Speech	3
		Natural Science Elective	4
		Mathematics Elective	3
ARTP	1010	Drawing I (Recommended) OR Elective	3
TERM TOTAL			16

Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Visit colleges and universities Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
ARTH	2010	Art History I (Recommended) OR Humanities Elective	3
ARTP	1020	Drawing II (Recommended) OR Elective	3
TERM TOTAL			16

Action Items

Mar	Meet with Success Coach or Advisor
April	Decide on transfer institution Register for next term

2nd Fall			Hours
		Literature Elective	3
		History Elective	3
ARTH	2020	Art History II (Recommended) OR Humanities Elective	3
ARTP	1110	Two Dimensional Design (Recommended) OR Elective	3
		Elective	3
TERM TOTAL			15

Action Items

Sept	Complete Intent to Graduate with Faculty Advisor
Oct	Meet with Faculty Advisor
Nov	Apply for admission to transfer institution Register for next term

2nd Spring			Hours
		History Elective	3
		Social/Behavioral Science Elective	3

ARTP	1120	Three Dimensional Design (Recommended) OR Elective	3
		Electives	4
TERM TOTAL			13

Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
Mar	Contact transfer institution about registration/ financial aid

TOTAL HOURS **60**

*Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

For further information: Humanities Division 865-354-3000, x4567

Computer Science

TOTAL HOURS

60

Students who follow this academic plan will receive an Associate of Science with a concentration in Computer Science.

¹Students planning to transfer to the University of Tennessee Knoxville must complete PHYS 2110 and 2120.

1st Fall			Hours	All elective courses should be carefully selected to meet requirements at the transfer institution. For further information: Mathematics and Sciences Division, 865-354-3000 x 4533
ENGL	1010	Composition I	3	
SPCH	1010	Fundamentals of Speech	3	
MATH	1910	Calculus I	4	
		Natural Science Elective ¹	4	
TERM TOTAL			14	
Action Items				
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term			
Nov	Visit colleges and universities Register for next term			
1st Spring			Hours	
ENGL	1020	Composition II	3	
MATH	1920	Calculus II	4	
MATH	2010	Matrix Algebra	3	
		Natural Science Elective ¹	4	
TERM TOTAL			14	
Action Items				
Mar	Meet with Success Coach or Advisor			
April	Decide on transfer institution Register for next term			
2nd Fall			Hours	
CISP	1010	Computer Science I	4	
		History Elective	3	
		Humanities Elective	3	
		Literature Elective	3	
		Social/Behavioral Science Elective	3	
TERM TOTAL			16	
Action Items				
Sept	Complete Intent to Graduate with Faculty Advisor			
Oct	Meet with Faculty Advisor			
Nov	Apply for admission to transfer institution Register for next term			
2nd Spring			Hours	
CISP	1020	Computer Science II	4	
		History Elective	3	
		Humanities Elective	3	
		Social/Behavioral Science Elective	3	
		Elective	3	
TERM TOTAL			16	
Action Items				
Feb	Take Exit Exam (ETS Proficiency Profile)			
Mar	Contact transfer institution about registration/ financial aid			

Criminal Justice (AA)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Criminal Justice.

Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS

60

1st Fall			Hours
ENGL	1010	Composition I	3
SOCI	1010	Introduction to Sociology	3
CRMJ	1010	Introduction to Criminal Justice	3
		Natural Science Elective	4
		Mathematics Elective	3
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
SPCH	1010	Fundamentals of Speech	3
PSYC	1030	General Psychology	3
CRMJ	1020	Introduction to the Legal Process	3
		Natural Science Elective	4
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
CRMJ	2010	Introduction to Law Enforcement	3
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
		Foreign Language Elective	3
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
CRMJ	2020	Introduction to Corrections	3
		History Elective	3
		Humanities Elective	3
		Foreign Language Elective	3
		Elective	1
TERM TOTAL			13

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Social Science, Business and Education Division,
865-354-3000 x 4582

Criminal Justice (AS)

Students who follow this academic plan will receive an Associate of Science with a concentration in Criminal Justice.

Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS

60

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Social Science, Business and Education Division,
865-354-3000 x 4582

1st Fall			Hours
ENGL	1010	Composition I	3
SOCI	1010	Introduction to Sociology	3
CRMJ	1010	Introduction to Criminal Justice	3
		Natural Science Elective	4
		Mathematics Elective	3
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
SPCH	1010	Fundamentals of Speech	3
PSYC	1030	General Psychology	3
CRMJ	1020	Introduction to the Legal Process	3
		Natural Science Elective	4
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
CRMJ	2010	Introduction to Law Enforcement	3
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
		Elective	3
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
CRMJ	2020	Introduction to Corrections	3
		History Elective	3
		Humanities Elective	3
		Electives	4
TERM TOTAL			13

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

Early Childhood Education PreK-3

Students who follow this academic plan will receive an Associate of Science in Teaching- Early Childhood Education.

The A.S.T. curriculum in Early Childhood Education is designed for students who wish to complete the first two years of a program toward teacher certification in PreK-3 and then transfer to a 4-year college/ university for the completion of their Bachelor’s degree. Due to varying requirements of four-year institutions, students are encouraged to select courses in consultation with an education advisor.

Additional Degree Requirements:

1. Attainment of a 2.75 cumulative grade point average
2. Successful completion of Praxis Core Test or ACT score of 22 or higher (See note below)
3. Satisfactory rating on an index of suitability for the teaching profession.

1st Fall			Hours
ENGL	1010	Composition I	3
SPCH	1010	Fundamentals of Speech	3
EDU	101	Introduction to Teaching	3
ECED	1310	Introduction to Early Childhood Education	3
BIOL	1110	General Biology I (Recommended) OR Natural Science Elective	4
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Faculty Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
ECED	2320	Infant, Toddler, and Child Development	3
PSYC	2130	Life Span Psychology (Recommended) OR EDU 211 Educational Psychology	3
GEOL	1040	Physical Geology I (Recommended) OR Natural Science Elective	4
MATH	1530	Probability and Statistics ¹ (Recommended) OR Mathematics Elective	3
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Faculty Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
EDU	111	Introduction to Educating Exceptional Children (Recommended) OR ECED 2360 Development of Exceptional Children ²	3
MATH	1410	Number Concepts	3

MUS	1030	Music Appreciation (Recommended) OR ARTH 1030 Art Appreciation	3
		Literature Elective	3
		History Elective	3
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty
Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
ECED	2340	Family Dynamics and Community Involvement	3
GEOG	2010	World Regional Geography	3
		History Elective	3
		Humanities Elective	3
		Social/Behavioral Science Elective	3
TERM TOTAL			15

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS 62

¹ For transfer to APSU, ETSU, UM, UTC, and UTK, Math 1530 is required.

² University of Memphis does not have Development of Exceptional Children in its PreK-3 Curriculum. Students transferring to UM will have to take one other course after transfer.

Students transferring to a UT or TBR university may need to meet additional requirements to gain admittance to the university’s early childhood program. Transferring students should check with the university for specific program requirements.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Social Science, Business and Education Division, 865-354-3000, x4582

Economics (AA)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Economics.

			Hours
1st Fall			
ENGL	1010	Composition I	3
MATH	1530	Probability and Statistics ¹	3
		Natural Science Elective	4
		Foreign Language Elective	3
		Humanities Elective	3
		TERM TOTAL	16
Action Items			
	Sept	Meet with Success Coach or Faculty Advisor	
	Oct	Complete FAFSA for upcoming Fall term	
	Nov	Visit college and universities Register for next term	
1st Spring			
ENGL	1020	Composition II	3
SPCH	1010	Fundamentals of Speech	3
		Foreign Language Elective	3
		Natural Science Elective	4
		Humanities Elective	3
		TERM TOTAL	16
Action Items			
	Mar	Meet with Success Coach or Faculty Advisor	
	Apr	Decide on transfer institution Register for next term	
2nd Fall			
ECON	2010	Macroeconomics	3
HIST		History Elective	3
MATH	1830	Calculus for Business ²	3
ENGL		Literature Elective	3
		Guided Electives ³	6
		TERM TOTAL	15
Action Items			
	Sept	Complete Intent to Graduate with Faculty Advisor	
	Oct	Apply for admission to transfer institution Register for next term	
2nd Spring			
ECON	2020	Microeconomics	3
HIST		History Elective	3
		Guided Electives ³	7
		TERM TOTAL	13
Action Items			
	Feb	Take Exit Exam (ETS Proficiency Profile)	
	Mar	Contact transfer institution about registration/ financial aid	
		TOTAL HOURS	60

¹ Students who plan to transfer to UT Knoxville should complete MATH 2050, Calculus-based Probability and Statistics.

² Calculus for Business or equivalent is required at ETSU and UT Knoxville for the Economics B.A. degree. Calculus for Business or equivalent is NOT required at University of Memphis for the Economic B.A. degree

³ Consult with an advisor from the university to which you intend to transfer for recommended Guided Electives.

All Elective courses should be carefully selected to meet requirements at transfer institution.

This TN Transfer Pathway is designed for transfer to an Economics Major, B.A. Degree, in the College of Business and Technology at East Tennessee State University, in the College of Arts and Sciences at the University of Memphis, and in the College of Arts and Sciences at the University of Tennessee Knoxville. For more information: www.tntransferpathway.org

For further information: Social Science, Business and Education, 865-354-3000 x 4582

Economics (AS)

Students who follow this academic plan will receive an Associate of Science with a concentration in Economics.

1st Fall		Hours	TOTAL HOURS	60
ENGL	1010	Composition I	3	
MATH	1530	Probability and Statistics non-Calculus based ¹ (Recommended) OR MATH 2050 Probability and Statistics Calculus-based ¹	3	¹ Students who plan to transfer to UT Knoxville should complete MATH 2050, Calculus-Based Probability and Statistics.
ACCT	1010	Principles of Accounting I	3	
		Humanities Elective	3	
		Natural Science Elective	4	
TERM TOTAL			16	
Action Items				
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term			All elective courses should be carefully selected to meet requirements at transfer institution.
Nov	Visit colleges and universities Register for next term			This is a Tennessee Transfer Pathway: www.tntransferpathway.org
1st Spring		Hours		
ENGL	1020	Composition II	3	This pathway is designed for transfer as an Economics Major, B.S., B.B.A., or B.S.B.A. degrees, in Colleges or Schools of Business at any public university in Tennessee. Students who intend to transfer into the Economics Major, B.S. Degree, in the College of Liberal Arts at Middle Tennessee State University OR the College of Arts and Sciences at the University of Tennessee Chattanooga should NOT take the Principles of Accounting I and II sequence. Such students should consult their advisor or the Economics department at the university to which they intend to transfer for guidance on elective choices.
SPCH	1010	Fundamentals of Speech	3	
ACCT	1020	Principles of Accounting II	3	
		Humanities Elective	3	
		Natural Science Elective	4	
TERM TOTAL			16	
Action Items				
Mar	Meet with Success Coach or Advisor			For further information: Social Science, Business and Education, 865-354-3000 x 4582
April	Decide on transfer institution Register for next term			
2nd Fall		Hours		
ECON	2010	Macroeconomics	3	
MATH	1830	Calculus for Business ²	3	
INFS	1010	Computer Applications	3	
		History Elective	3	
		Literature Elective	3	
TERM TOTAL			15	
Action Items				
Sept	Complete Intent to Graduate with Faculty Advisor			
Oct	Meet with Faculty Advisor			
Nov	Apply for admission to transfer institution Register for next term			
2nd Spring		Hours		
ECON	2020	Microeconomics	3	
MATH	1130	College Algebra ³ (Recommended) OR MATH 1630 Finite Mathematics ³	3	
		History Elective	3	
		Electives	4	
TERM TOTAL			13	

Electrical Engineering

Students who follow this academic plan will receive an Associate of Science with a concentration in Electrical Engineering.

1st Fall			Hours
ENGL	1010	Composition I	3
MATH	1910	Calculus I	4
CHEM	1110	General Chemistry	4
PSYC	1030	General Psychology (Recommended) or Social/Behaviorial Science Elective	3
MUS	1030	Music Appreciation (Recommended) or Humanities Elective	3
TERM TOTAL			17

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges or universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
SPCH	1010	Fundamentals of Speech	3
MATH	1920	Calculus II	4
MATH	2010	Matrix Algebra	3
		Social/Behaviorial Science Elective	3
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
PHYS	2110	Calculus-Based Physics	4
MATH	2110	Calculus III	4
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
TERM TOTAL			17

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
PHYS	2120	Calculus-Based Physics II	4
MATH	2120	Differential Equations	3
CISP	1010	Computer Science Programming	3
ENGR	2130	Electrical Circuits I with Lab	4
		History Elective	3
TERM TOTAL			17

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/financial aid

TOTAL HOURS

67

- Students are encouraged to take two courses, Circuits II and Digital Design, before transferring to a university.
- Courses in engineering technology do not fulfill any of the requirements for the Area of Emphasis in Electrical Engineering.
- Although it is possible to complete the B.S. Degree in Electrical Engineering in four semesters after earning the associate's degree, students typically need five or six semesters to complete requirements.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Mathematics and Sciences, 865-354-3000, ext 4758.

Elementary Education K-5 (AST)

Students who follow this academic plan will receive an Associate of Science in Teaching-Elementary Education.

The A.S.T. curriculum is designed for students who wish to complete the first two years of a program toward teacher certification in K-6 (elementary education) and then transfer to a Tennessee Board of Regents University for the completion of their four year degree. This curriculum will meet the lower division requirements for transfer to a Tennessee Board of Regents senior institution granting the bachelor's degree in elementary education. Due to varying requirements of four-year institutions, students are encouraged to select courses in consultation with an education advisor. *Students who plan to transfer to the University of Tennessee or any other non-TBR university should contact their advisor for appropriate degree and transfer information.*

Additional Degree Requirements:

1. Attainment of a 2.75 cumulative grade point average.
2. Successful completion of Praxis Core Test or ACT score of 22 or higher (See note below)
3. Satisfactory rating on an index of suitability for the teaching profession.

1st Fall			Hours
EDU	101	Introduction to Teaching	3
ENGL	1010	Composition I	3
BIOL	1110	General Biology I	4
SPCH	1010	Fundamentals of Speech	3
TERM TOTAL			13

Action Items

Sept	Attend EDU Department Advising Session
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Register for next term

1st Spring			Hours
EDU	111	Intro to Education of Exceptional Children	3
ENGL	1020	Composition II	3
POLS	1030	American Government (Recommended) OR SOCI 1010 Intro to Sociology	3
ARTH	1030	Art Appreciation (Recommended) OR MUS 1030 Music Appreciation	3
MATH	1530	Probability and Statistics (Recommended) OR Math Elective	3
TERM TOTAL			15

Action Items

Feb	Attend EDU Department Advising Session Decide on transfer institution
Mar	Meet with Success Coach or Advisor
Apr	Register for next term

2nd Fall			Hours
MATH	1410	Number Concepts/Algebra Structures	3

GEOG	2010	World Regional Geography	3
MSC	1012	Introduction to Physical Science	4
ENGL	2110	Survey of American Literature I (Recommended) OR Literature Elective	3
HIST	2010	Survey of US History I (Recommended) OR History Elective	3
TERM TOTAL			16

Action Items

Sept	Complete Intent to Graduate Form
Oct	Meet with Faculty Advisor Praxis Core Workshop (if needed)
Nov	Take Praxis Core (if needed) Apply for admission to transfer institution Register for next term

2nd Spring			Hours
EDU	211	Educational Psychology	3
MATH	1420	Problem Solving/Geometry	3
ASTR	1010	Astronomy I (Recommended) OR GEOL 1040 Physical Geology OR GEOL 1050 Historical Geology	4
HIST	2020	Survey of US History II (Recommended) OR History Elective	3
ARTH	1030	Art Appreciation (Recommended) OR MUS 1030 Music Appreciation	3
TERM TOTAL			16

Action Items

Feb	Praxis Core Workshop (if needed) Re-take Praxis Core (if needed)
Mar	Take Exit Exam (ETS Proficiency Profile) Have all dispositions completed

TOTAL HOURS 60

English

Students who follow this academic plan will receive an Associate of Arts with a concentration in English.

Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS

60

¹Two courses (2)

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Humanities Division, 865-354-3000 x 4567

1st Fall		Hours
ENGL 1010	Composition 1	3
SPCH 1010	Fundamentals of Speech	3
	Foreign Language Elective	3
	Natural Science Elective	4
	Social Science Elective	3
TERM TOTAL		16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring		Hours
ENGL 1020	Composition II	3
	Foreign Language Elective	3
	Natural Science Elective	4
	Social Science Elective	3
	Math Elective	3
TERM TOTAL		16

Action Items

- Mar Meet with Success Coach or Advisor
- Apr Decide on transfer institution
Register for next term

2nd Fall		Hours
	Foreign Language Elective	3
	Literature Electives ¹	6
	History Elective	3
	Humanities Elective	3
TERM TOTAL		15

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring		Hours
	Foreign Language Elective	3
	Literature Elective	3
	History Elective	3
	Humanities Elective	3
	Elective	1
TERM TOTAL		13

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

Exercise Science

Students who follow this academic plan will receive an Associate of Science with a concentration in Exercise Science.

Feb Take Exit Exam (ETS Proficiency Profile)
 Mar Contact transfer institution about registration/
 financial aid

TOTAL HOURS

60

1st Fall		Hours	
ENGL	1010	Composition I	3
BIOL	2010	Human Anatomy and Physiology I	4
HEA	227	Introduction to Exercise Science	3
SPCH	1010	Fundamentals of Speech	3
		Elective	3
TERM TOTAL			16
Action Items			
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term		
Nov	Visit colleges or universities Register for next term		
1st Spring		Hours	
ENGL	1020	Composition II	3
BIOL	2020	Human Anatomy and Physiology II	4
HEA	201	Principles of Nutrition	3
		Mathematics Elective	3
		PHED Elective/Activity	1
TERM TOTAL			14
Action Items			
Mar	Meet with Success Coach or Advisor		
April	Decide on transfer institution Register for next term		
2nd Fall		Hours	
HEA	221	Safety, First Aid, and CPR	3
WELL	1010	Lifetime Wellness	3
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
TERM TOTAL			15
Action Items			
Sept	Complete Intent to Graduate with Faculty Advisor		
Oct	Meet with Faculty Advisor		
Nov	Apply for admission to transfer institution Register for next term		
2nd Spring		Hours	
HEA	225	Care and Prevention of Athletic Injuries	3
PSYC	1030	General Psychology	3
		History Elective	3
		Humanities Elective	3
		PHED Elective/Activity	1
		Elective	2
TERM TOTAL			15
Action Items			

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Social Science, Business and Education, 865-354-3000 x 4582

Foreign Language

Students who follow this academic plan will receive an Associate of Arts with a concentration in Foreign Language.

Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS

60

Please check websites of University Departments of Foreign Language for additional information regarding advisement available to students majoring in Foreign Language.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Humanities Division, 865-354-3000 x 4567

1st Fall			Hours
ENGL	1010	Composition I	3
	1010	Foreign Language Elective	3
		Natural Science Elective	4
		Math Elective	3
		Elective	3
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
SPCH	1010	Fundamentals of Speech	3
	1020	Foreign Language Elective	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
	2010	Foreign Language Elective	3
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
		Elective	2
TERM TOTAL			14

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
	2020	Foreign Language Elective	3
		History Elective	3
		Humanities Elective	3
		Social/Behavioral Science Elective	3
		Elective	2
TERM TOTAL			14

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

Forestry

Students who follow this academic plan will receive an Associate of Science with a concentration in Forestry.

1st Fall		Hours	TOTAL HOURS	60
ENGL	1010	Composition I	3	
SPCH	1010	Fundamentals of Speech	3	
BIOL	1110	General Biology I (Recommended) OR Natural Science Elective	4	
MATH	1130	College Algebra (Recommended) OR Mathematics Elective	3	
		Elective	3	
TERM TOTAL			16	
Action Items				
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term			
Nov	Visit colleges and universities Register for next term			
1st Spring		Hours		
ENGL	1020	Composition II	3	
BIOL	1120	General Biology II (Recommended) OR Natural Science Elective	4	
		Social/Behavioral Science Elective	3	
		Humanities Elective	3	
MATH	1830	Calculus for Business (Recommended) OR Elective course	3	
TERM TOTAL			16	
Action Items				
Mar	Meet with Success Coach or Advisor			
April	Decide on transfer institution Register for next term			
2nd Fall		Hours		
CHEM	1110	General Chemistry (Recommended) OR Elective course	6	
		Literature Elective	3	
		History Elective	3	
		Humanities Elective	3	
TERM TOTAL			15	
Action Items				
Sept	Complete Intent to Graduate with Faculty Advisor			
Oct	Meet with Faculty Advisor			
Nov	Apply for admission to transfer institution Register for next term			
2nd Spring		Hours		
CHEM	1120	General Chemistry II (Recommended) OR Elective course(s)	7	
		History Elective	3	
		Social/Behavioral Science Elective	3	
TERM TOTAL			13	

Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/
financial aid

*Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

For further information: Mathematics and Sciences Division, 865-354-3000, x4533

General Studies (AA)

Students who follow this academic plan will receive an Associate of Arts with a concentration in General Studies.

* Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

1st Fall		Hours
ENGL 1010	Composition I	3
SPCH 1010	Fundamentals of Speech	3
	Natural Science Elective	4
	Mathematics Elective	3
	Foreign Language Elective	3
	TERM TOTAL	16
Action Items		
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term	
Nov	Visit colleges and universities Register for next term	
1st Spring		Hours
ENGL 1020	Composition II	3
	Natural Science Elective	4
	Social/Behavioral Science Elective	3
	Humanities Elective	3
	Foreign Language Elective	3
	TERM TOTAL	16
Action Items		
Mar	Meet with Success Coach or Advisor	
April	Decide on transfer institution Register for next term	
2nd Fall		Hours
	Literature Elective	3
	History Elective	3
	Humanities Elective	3
	Electives	6
	TERM TOTAL	15
Action Items		
Sept	Complete Intent to Graduate with Faculty Advisor	
Oct	Meet with Faculty Advisor	
Nov	Apply for admission to transfer institution Register for next term	
2nd Spring		Hours
	History Elective	3
	Social/Behavioral Science Elective	3
	Electives	7
	TERM TOTAL	13
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Contact transfer institution about registration/ financial aid	
	TOTAL HOURS	60

General Studies (AS)

Students who follow this academic plan will receive an Associate of Science with a concentration in General Studies.

* Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

1st Fall			Hours
ENGL	1010	Composition I	3
SPCH	1010	Fundamentals of Speech	3
		Natural Science Elective	4
		Mathematics Elective	3
		Elective	3
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		Elective	3
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
		Electives	6
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
		History Elective	3
		Social/Behavioral Science Elective	3
		Electives	7
TERM TOTAL			13

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS **60**

Geosciences

Students who follow this academic plan will receive an Associate of Science with a concentration in Geosciences.

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
 Mar Contact transfer institution about registration/
 financial aid

1st Fall			Hours
ENGL	1010	Composition I	3
GEOL	1040	Physical Geology	4
SPCH	1010	Fundamentals of Speech	3
MATH	1130	College Algebra	3
TERM TOTAL			13

Action Items

- Oct Meet with Success Coach or Advisor
 Complete FAFSA for upcoming fall term
 Nov Visit colleges or universities
 Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
GEOL	1050	Historical Geology	4
GEOG	2010	World Regional Geography	3
		Humanities Elective	3
TERM TOTAL			13

Action Items

- Mar Meet with Success Coach or Advisor
 April Decide on transfer institution
 Register for next term

2nd Fall			Hours
CHEM	1110	General Chemistry I	4
ECON	2010	Macroeconomics (Recommended) OR Social Science Elective	3
BIOL	1110	General Biology (Recommended) OR Science or Math General Education course*	4
		Literature Elective	3
		History Elective	3
TERM TOTAL			17

Action Items

- Sept Complete Intent to Graduate with Faculty
 Advisor
 Oct Meet with Faculty Advisor
 Nov Apply for admission to transfer institution
 Register for next term

2nd Spring			Hours
CHEM	1120	General Chemistry II	4
ECON	2020	Microeconomics (Recommended) OR General Elective course	3
		History Elective	3
		Humanities Elective	3
BIOL	1120	General Biology II (Recommended) OR Science or Math General Education course*	4
TERM TOTAL			17

TOTAL HOURS **60**

*Refer to transfer institution's program and concentration for required mathematics and/or science electives.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Mathematics and Sciences Division, 865-354-3000 x 4533

History (AA)

Students who follow this academic plan will receive an Associate of Arts with a concentration in History.

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/financial aid

1st Fall			Hours
ENGL	1010	Composition I	3
HIST	2010	Survey of US History I	3
		Math Elective	3
		Natural Science Elective	4
		Foreign Language Elective	3
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges or universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
HIST	2020	Survey of US History II	3
SPCH	1010	Fundamentals of Speech	3
		Foreign Language Elective	3
		Natural Science Elective	4
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
HIST	1010	Survey of Western Civilization I	3
		Literature Elective	3
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		Elective	1
TERM TOTAL			13

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
HIST	1020	Survey of Western Civilization II	3
HIST	1220	Survey of World History II (Recommended)	3
		OR	
		Elective course	
		History Elective	3
		Humanities Elective	3
		Social/Behavioral Science Elective	3
TERM TOTAL			15

TOTAL HOURS 61

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Social Science, Business and Education, 865-354-3000 x 4582

History (AS)

Students who follow this academic plan will receive an Associate of Science with a concentration in History.

1st Fall			Hours
ENGL	1010	Composition I	3
HIST	2010	Survey of US History I	3
		Math Elective	3
		Natural Science Elective	4
		Elective	3
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges or universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
HIST	2020	Survey of US History II	3
SPCH	1010	Fundamentals of Speech	3
		Humanities Elective	3
		Natural Science Elective	4
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
HIST	1010	Survey of Western Civilization I	3
HIST	1210	Survey of World History I (Recommended)	3
		OR Elective course	
		Literature Elective	3
		Social/Behavioral Science Elective	3
		Electives	2
TERM TOTAL			14

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
HIST	1020	Survey of Western Civilization II	3
HIST	1220	Survey of World History II (Recommended)	2
		OR Elective course	
		History Elective	3
		Humanities Elective	3
		Social/Behavioral Science Elective	3

TERM TOTAL **14**

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS **60**

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Social Science, Business and Education, 865-354-3000 x 4582

Information Systems

Students who follow this academic plan will receive an Associate of Science with a concentration in Information Systems.

1st Fall			Hours
ENGL	1010	Composition I	3
ACCT	1010	Accounting I	3
MATH	1530	Probability and Statistics Non-Calculus based ¹	3
INFS	1010	Computer Applications ²	3
		Humanities Elective	3
		TERM TOTAL	15

Action Items

Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term

Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
ACCT	1020	Accounting II	3
MATH	1830	Calculus for Business	3
SPCH	1010	Fundamentals of Speech	3
		Electives	4
		TERM TOTAL	16

Action Items

Mar Meet with Success Coach or Advisor

April Decide on transfer institution
Register for next term

2nd Fall			Hours
ECON	2010	Macroeconomics	3
MATH	1630	Finite Math	3
		Literature Elective	3
		History Elective	3
		Natural Science Elective	4
		TERM TOTAL	16

Action Items

Sept Complete Intent to Graduate with Faculty Advisor

Oct Meet with Faculty Advisor

Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
ECON	2020	Microeconomics	3
		History Elective	3
		Humanities Elective	3
		Natural Science Elective	4
		TERM TOTAL	13

Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS

60

¹Students who plan to transfer to University of Tennessee must complete MATH 2050, Calculus-Based Probability and Statistics.

²Students who plan to transfer to Austin Peay State University, East Tennessee State University, and the University of Tennessee Chattanooga must complete CISP 1010 and 1020, Computer Science I and II (Programming) instead of INFS 1010, Computer Applications and electives. For these students, the total hours in the Area of the Emphasis will be 20 Hours and Total Degree Hours will be 61.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Mathematics and Sciences, 865-354-3000 x 4533

International Affairs

Students who follow this academic plan will receive an Associate of Arts with a concentration in International Affairs.

1st Fall			Hours
ENGL	1010	Composition I	3
SPCH	1010	Fundamentals of Speech	3
MATH	1530	Probability and Statistics	3
POLS	1025	Introduction to Political Science (Recommended) or choose from World Perspective listing below ¹	3
		Natural Science Elective	4
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges or universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
GEOG	2010	World Regional Geography (Recommended) or choose from World Perspective listing below ¹	3
		Humanities Elective	3
		Natural Science Elective	4
		Elective course	3
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
ECON	2010	Macroeconomics	3
		Foreign Language	3
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
		Social/Behavioral Science Elective	3
		History Elective	3
		Foreign Language	3
		Electives	4

TERM TOTAL		13
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Contact transfer institution about registration/financial aid	
TOTAL HOURS		60

¹World Perspectives course choices: Must choose at least two (2) from this category.

- GEOG 2010 - World Geography
- PHIL 201 - Intro to Religions of the World
- ECON 2020 - Microeconomics
- POLS 1025 - Intro to Political Science
- HIST 1220 - World History II

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at transfer institution. University International Affairs majors may need to be at or above the 2000-level competency of foreign language to earn a bachelor's degree.

For further information: Social Science, Business and Education Department, 865-354-3000, x4582.

Kinesiology

Students who follow this academic plan will receive an Associate of Science with a concentration in Kinesiology.

1st Fall		Hours	TOTAL HOURS	60-62	
ENGL	1010	Composition I	3	Upon transfer to the University of Tennessee Knoxville, students need to complete PHYS 222 (Calculus-Based Physics II) and BCMB 230 (Human Physiology) in the first semester of enrollment. This is a Tennessee Transfer Pathway: www.tntransferpathway.org All Elective courses should be carefully selected to meet requirements at the transfer institution. For further information: Mathematics and Sciences Division, 865-354-3000 x 4533	
MATH	1830	Calculus for Business (Recommended) OR MATH 1910 Calculus I	3-4		
HEA	227	Introduction to Exercise Science	3		
CHEM	1110	General Chemistry I	4		
		Elective	1-2		
TERM TOTAL		14-16			
Action Items					
Oct		Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term			
Nov		Visit colleges or universities Register for next term			
1st Spring		Hours			
ENGL	1020	Composition II	3		
HEA	201	Principles of Nutrition	3		
PSYC	1030	General Psychology	3		
CHEM	1120	General Chemistry II	4		
SPCH	1010	Fundamentals of Speech	3		
TERM TOTAL		16			
Action Items					
Mar		Meet with Success Coach or Advisor			
April		Decide on transfer institution Register for next term			
2nd Fall		Hours			
HEA	221	Safety, First Aid, and CPR	3		
PHYS	2010	Non-calculus based Physics (Recommended) OR PHYS 2110 Calculus-based Physics	4		
		Literature Elective	3		
		History Elective	3		
		PHED Course/Activity	1		
TERM TOTAL		14			
Action Items					
Sept		Complete Intent to Graduate with Faculty Advisor			
Oct		Meet with Faculty Advisor			
Nov		Apply for admission to transfer institution Register for next term			
2nd Spring		Hours			
HEA	225	Care and Prevention of Athletic Injuries	3		
WELL	1010	Lifetime Wellness	3		
		History Elective	3		
		Humanities Elective	6		
		PHED Course/Activity	1		
TERM TOTAL		16			

Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

Mass Communications (AA)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Mass Communications.

Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS 60

¹Practicum courses are excluded as acceptable electives.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Humanities Division, 865-354-3000 x 4567

1st Fall			Hours
ENGL	1010	Composition I	3
COMM	1010	Introduction to Mass Communications	3
SPCH	1010	Fundamentals of Speech	3
		Math Elective	3
		Foreign Language Elective	3
TERM TOTAL			15

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
COMM	1020	Media Writing	3
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		Foreign Language Elective	3
TERM TOTAL			15

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
		Literature Elective	3
		History Elective	3
		Natural Science Elective	4
		Elective	1
		Mass Communication Elective ¹	3
TERM TOTAL			14

Action Items

- Sept Complete Intent to Graduate with Faculty
Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
		History Elective	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		Mass Communications Elective ¹	3
TERM TOTAL			16

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

Mass Communications (AS)

Students who follow this academic plan will receive an Associate of Science with a concentration in Mass Communications.

1st Fall			Hours
ENGL	1010	Composition I	3
COMM	1010	Introduction to Mass Communications	3
SPCH	1010	Fundamentals of Speech	3
		Math Elective	3
		Elective	3
TERM TOTAL			15

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
COMM	1020	Media Writing	3
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		Elective	3
TERM TOTAL			15

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
		Literature Elective	3
		History Elective	3
		Natural Science Elective	4
		Elective	1
		Mass Communication Elective ¹	3
TERM TOTAL			14

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
		History Elective	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		Mass Communications Elective ¹	3
TERM TOTAL			16

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS

60

¹Practicum courses are excluded as acceptable electives.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Humanities Division, 865-354-3000 x 4567

Mathematics

Students who follow this academic plan will receive an Associate of Science with a concentration in Mathematics.

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/financial aid

1st Fall			Hours
ENGL	1010	Composition I	3
MATH	1910	Calculus I	4
		Social/Behavioral Science Elective ¹	3
		Humanities Elective	3
		Elective	1
TERM TOTAL			14

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges or universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
MATH	1920	Calculus II	4
MATH	2010	Matrix Algebra	3
SPCH	1010	Fundamentals of Speech	3
CITC	1301	Introduction to Programming and Logic (Recommended) OR CITC 1310 Programming I OR CITC 1312 Introduction to .NET Programming	3
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
MATH	2110	Calculus III	4
		Literature Elective	3
		History Elective	3
		Natural Science Elective	4
TERM TOTAL			14

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
MATH	2120	Differential Equations	3
		History Elective	3
		Natural Science Elective	4
		Social/Behavioral Science Elective ¹	3
		Humanities Elective	3
TERM TOTAL			16

TOTAL HOURS 60

¹Students who wish to pursue a concentration in actuarial science available at the University of Tennessee, Chattanooga; Middle Tennessee State University; or Tennessee State University should complete Economics I & II to fulfill the requirement in social/behavioral sciences.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Mathematics and Sciences, 865-354-3000 x 4533

Mechanical Engineering

Students who follow this academic plan will receive an Associate of Science with a concentration in Mechanical Engineering.

1st Fall			Hours
ENGL	1010	Composition I	3
MATH	1910	Calculus I	4
CHEM	1110	General Chemistry I	4
		Humanities Elective	3
		Social/Behavioral Science Elective	3
TERM TOTAL			17

Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Meet with colleges and universities Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
MATH	1920	Calculus II	4
MATH	2010	Matrix Algebra	3
SPCH	1010	Fundamentals of Speech	3
		Social/Behavioral Science Elective	3
TERM TOTAL			16

Action Items

Mar	Meet with Success Coach or Advisor
April	Decide on transfer institution Register for next term

2nd Fall			Hours
MATH	2110	Calculus III	4
ENGR	2110	Statics	3
PHYS	2110	Calculus-based Physics I	4
		Literature Elective	3
		History Elective	3
TERM TOTAL			17

Action Items

Sept	Complete Intent to Graduate with Faculty Advisor
Oct	Meet with Faculty Advisor
Nov	Apply for admission to transfer institution Register for next term

2nd Spring			Hours
MATH	2120	Differential Equations	3
ENGR	2120	Dynamics	3
PHYS	2120	Calculus-based Physics II	4
		History Elective	3
		Humanities Elective	3
TERM TOTAL			16

Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
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Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS

66

- Students are strongly encouraged to complete a course in Mechanics of Materials, also known as Strength of Materials, before transferring to a university.
- Courses in engineering technology do not fulfill any of the requirements for the Area of Emphasis in Mechanical Engineering.
- Although it is possible to complete the B. S. Degree in Mechanical Engineering in four semesters after earning the associate's degree, students typically need five or six semesters to complete requirements.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Mathematics and Sciences, 865-354-3000 x 4533

Music (AFA)

Students who follow this academic plan will receive an Associate of Fine Arts.

1st Fall			Hours
ENGL	1010	Composition I	3
		Mathematics Elective	3
MUS	110	Music Theory I	3
MUS	111	Ear Training I	1
MUS	1030	Music Appreciation	3
		Lessons	2
		Ensemble	1
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
SPCH	1010	Fundamentals of Speech	3
		Social/Behavioral Science Elective	3
MUS	120	Music Theory II	3
MUS	123	Ear Training II	1
		Lessons	2
		Ensemble	1
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
		History Elective	3
		Natural Science Elective	4
MUS	210	Music Theory III	3
MUS	215	Ear Training III	1
MUS	103	Class Piano I	1
		Lessons	2
		Ensemble	1
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
		History Elective	3
		Natural Science Elective	4

		Social/Behavioral Science Elective	3
MUS	104	Class Piano II	1
		Lessons	2
		Ensemble	1
TERM TOTAL			14

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS			61
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- Students will complete the remaining six credit hours of the humanities requirement, including one course in literature, at universities upon transfer.
- Students who plan to transfer to the University of Memphis should complete a course in literature rather than Music Appreciation.
- Students must successfully complete placement requirements in music theory, ear training, and piano at the university where transfer is planned. Students must also successfully complete required university auditions as appropriate.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Humanities Division 865-354-3000, x4567

Physical Science

Students who follow this academic plan will receive an Associate of Science with a concentration in Physical Science.

Feb Take Exit Exam (ETS Proficiency Profile)
 Mar Contact transfer institution about registration/
 financial aid

TOTAL HOURS

60

1st Fall			Hours	Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected. For further information: Mathematics and Sciences Division, 865-354-3000, x4533
ENGL	1010	Composition I	3	
SPCH	1010	Fundamentals of Speech	3	
CHEM	1110	General Chemistry I (Recommended) OR Natural Science Elective	4	
MATH	1910	Calculus I (Recommended) OR Mathematics Elective	3	
		Elective	3	
TERM TOTAL			16	

Action Items

Oct Meet with Success Coach or Advisor
 Complete FAFSA for upcoming fall term

Nov Visit colleges and universities
 Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
CHEM	1120	General Chemistry II (Recommended) OR Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		Elective	3
TERM TOTAL			16

Action Items

Mar Meet with Success Coach or Advisor

April Decide on transfer institution
 Register for next term

2nd Fall			Hours
PHYS	2110	Calculus-based Physics I (Recommended) OR Elective Course(s)	6
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
TERM TOTAL			15

Action Items

Sept Complete Intent to Graduate with Faculty
 Advisor

Oct Meet with Faculty Advisor

Nov Apply for admission to transfer institution
 Register for next term

2nd Spring			Hours
PHYS	2120	Calculus-based Physics (Recommended) OR Elective course(s)	7
		History Elective	3
		Social/Behavioral Science Elective	3
TERM TOTAL			13

Action Items

Physics

Students who follow this academic plan will receive an Associate of Science with a concentration in Physics.

Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS

60

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Mathematics and Sciences, 865-354-3000 x 4533

1st Fall			Hours
ENGL	1010	Composition I	3
SPCH	1010	Fundamentals of Speech	3
MATH	1910	Calculus I	4
CISP	1010	Computer Science I	3
		Humanities Elective	3
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
MATH	1920	Calculus II	4
MATH	2010	Matrix Algebra	3
CISP	1020	Computer Science II (Recommended) OR Elective course	1
		Social/Behavioral Science Elective	3
TERM TOTAL			14

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
MATH	2110	Calculus III	4
PHYS	2110	Calculus-based Physics I	4
		Literature Elective	3
		History Elective	3
TERM TOTAL			14

Action Items

- Sept Complete Intent to Graduate with Faculty
Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
PHYS	2120	Calculus-based Physics II	4
MATH	2120	Differential Equations	3
		History Elective	3
		Humanities Elective	3
		Social/Behavioral Science Elective	3
TERM TOTAL			16

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

Political Science (AA)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Political Science.

Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS

60

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Social Science, Business and Education Division,
865-354-3000 x 4582

1st Fall			Hours
ENGL	1010	Composition I	3
MATH	1530	Probability and Statistics	3
POLS	1030	American Government	3
		Natural Science Elective	4
		Humanities Elective	3
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
SPCH	1010	Fundamentals of Speech	3
POLS	1025	Introduction to Political Science	3
		Natural Science Elective	4
		Humanities Elective	3
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
ECON	2010	Macroeconomics	3
		Literature Elective	3
		History Elective	3
		Foreign Language Elective	3
		Elective	3
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty
Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
		History Elective	3
		Social/Behavioral Science Elective	3
		Foreign Language Elective	3
		Elective	4
TERM TOTAL			13

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

Political Science (AS)

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

Students who follow this academic plan will receive an Associate of Science with a concentration in Political Science.

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Social Science, Business and Education Division, 865-354-3000 x 4582

1st Fall			Hours
ENGL	1010	Composition I	3
MATH	1530	Probability and Statistics	3
POLS	1030	American Government	3
		Natural Science Elective	4
		Humanities Elective	3
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
SPCH	1010	Fundamentals of Speech	3
POLS	1025	Introduction to Political Science	3
		Natural Science Elective	4
		Humanities Elective	3
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
ECON	2010	Macroeconomics	3
		Literature Elective	3
		History Elective	3
		Electives	6
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
		History Elective	3
		Social/Behavioral Science Elective	3
		Electives	7
TERM TOTAL			13

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS 60

Pre-Engineering

Students who follow this academic plan will receive an Associate of Science with a concentration in Pre-Engineering.

1st Fall			Hours
ENGL	1010	Composition I	3
MATH	1910	Calculus I	4
SPCH	1010	Fundamentals of Speech	3
		Humanities Elective	3
TERM TOTAL			13

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
MATH	1920	Calculus II	4
MATH	2010	Matrix Algebra	3
		Humanities Elective	3
		Social/Behavioral Science Elective	3
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
MATH	2110	Calculus III	4
ENGR	2110	Statics	3
PHYS	2110	Calculus-based Physics I	4
		Literature Elective	3
		History Elective	3
TERM TOTAL			17

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
MATH	2120	Differential Equations	3
ENGR	2120	Dynamics	3
PHYS	2120	Calculus-based Physics II	4
		History Elective	3
		Social/Behavioral Science Elective	3
TERM TOTAL			16

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS

62

*Contact the transfer institution regarding the elective courses to determine which courses will transfer. These may differ for different disciplines and institutions. All of the specified elective courses may not be required.

For further information: Mathematics and Sciences Division, 865-354-3000, x4533

Pre-Health Professions (Pre-Medical, Pre-Dental, Pre-Veterinary, Pre-Pharmacy)

Students who follow this academic plan will receive an Associate of Science with a concentration in Pre-Health Professions.

1st Fall		Hours
ENGL 1010	Composition I	3
CHEM 1110	General Chemistry I	4
MATH 1830	Calculus for Business (Recommended) OR MATH 1910 Calculus I	4
	Social/Behavioral Science Elective	3
	Elective	3
	TERM TOTAL	17

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring		Hours
ENGL 1020	Composition II	3
SPCH 1010	Fundamentals of Speech	3
CHEM 1120	General Chemistry II	4
	Social/Behavioral Science Elective	3
	TERM TOTAL	13

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall		Hours
	Literature Elective	3
	History Elective	3
	Humanities Elective	3
	Science Sequence ¹	8
	TERM TOTAL	17

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring		Hours
	History Elective	3
	Humanities Elective	3
	Science Sequence ¹	8
	TERM TOTAL	14

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/financial aid

TOTAL HOURS

61

¹Choose two from the following three sequences:

- BIOL 1110, 1120 General Biology I and II
- CHEM 2010, 2020 Organic Chemistry I and II
- PHYS 2010, 2020 Non-Calculus based Physics I and II

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Mathematics and Science, 865-354-3000 x 4533

Pre-Law

Students who follow this academic plan will receive an Associate of Science with a concentration in Pre-Law.

Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

For further information: Social Science, Business and Education Division, 865-354-3000, x4582

1st Fall			Hours
ENGL	1010	Composition I	3
SPCH	1010	Fundamentals of Speech	3
POLS	1025	Intro to Political Science (Recommended) OR Social/Behavioral Science Elective	3
		Natural Science Elective	4
		Mathematics Elective	3
TERM TOTAL			16
Action Items			
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term		
Nov	Visit colleges and universities Register for next term		
1st Spring			Hours
ENGL	1020	Composition II	3
POLS	1030	American Government (Recommended) OR Social/Behavioral Science Elective	3
		Natural Science Elective	4
		Humanities Elective	3
		Elective	3
TERM TOTAL			16
Action Items			
Mar	Meet with Success Coach or Advisor		
April	Decide on transfer institution Register for next term		
2nd Fall			Hours
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
		Electives	6
TERM TOTAL			15
Action Items			
Sept	Complete Intent to Graduate with Faculty Advisor		
Oct	Meet with Faculty Advisor		
Nov	Apply for admission to transfer institution Register for next term		
2nd Spring			Hours
		History Elective	3
		Electives	10
TERM TOTAL			13
Action Items			
Feb	Take Exit Exam (ETS Proficiency Profile)		
Mar	Contact transfer institution about registration/ financial aid		
TOTAL HOURS			60

Pre-Nursing

Students who follow this academic plan will receive an Associate of Science with a concentration in Pre-Nursing.

1st Fall			Hours
ENGL	1010	Composition I	3
SPCH	1010	Fundamentals of Speech	3
BIOL	2010	Anatomy and Physiology I (Recommended) OR Natural Science Elective	4
MATH	1530	Probability and Statistics (Recommended) OR Mathematics Elective	3
PSYC	1030	General Psychology (Recommended) OR Social/Behavioral Science Elective Humanities Elective	3 3
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
BIOL	2020	Anatomy and Physiology II (Recommended) OR Natural Science Elective	4
SOCI	1010	Intro to Sociology (Recommended) OR Social/Behavioral Science Elective Humanities Elective Elective	3 3 3
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
SOCI	1010	Intro to Sociology (Recommended) or Social/Behavioral Science Elective Literature Elective History Elective Humanities Elective Electives	3 3 3 3
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty
Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
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History Elective	3
Electives	7
TERM TOTAL	13

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/
financial aid

TERM TOTAL	60
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- Elective courses should be carefully selected in consultation with a faculty advisor.
- The University of Tennessee, Knoxville does not accept transfer students. Nursing students are admitted in the freshman year at UTK.
- Community college students may also pursue various RN to BSN programs as a means of attaining the BSN degree. These programs assume the completion of the Associate of Applied Science degree with a major in nursing, licensure as a Registered Nurse, and fulfillment of other criteria. Information concerning these programs is available in university catalogs.
- Students who plan to attend the University of Tennessee, Chattanooga and the University of Tennessee, Martin are strongly encouraged to complete BIOL 2230 (Microbiology) and CHEM 1110 (General Chemistry I) before transferring to these institutions.

This is a TN Transfer Pathway: www.tntransferpathway.org

For further information: Mathematics and Science, 865-354-3000 x 4533

Pre-Occupational Therapy

TOTAL HOURS

61

Students who follow this academic plan will receive an Associate of Science with a concentration in Pre-Occupational Therapy.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Mathematics and Science, 865-354-3000 x 4533

1st Fall			Hours
ENGL	1010	Composition I	3
SPCH	1010	Fundamentals of Speech	3
BIOL	1110	General Biology I	4
MATH	1530	Probability and Statistics	3
		Humanities Elective	3
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
BIOL	1120	General Biology II	4
MATH	1730	Pre-Calculus	4
PSYC	1030	General Psychology	3
		Humanities Elective	3
TERM TOTAL			17

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
BIOL	2010	Human Anatomy and Physiology I	4
PHYS	2010	Non-Calculus based Physics	4
		Literature Elective	3
		History Elective	3
TERM TOTAL			14

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
BIOL	2020	Human Anatomy and Physiology II	4
CHEM	1110	General Chemistry I	4
		History Elective	3
		Social/Behavioral Science Elective	3
TERM TOTAL			14

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/
financial aid

Pre-Physical Therapy

Mar Contact transfer institution about registration/financial aid

Students who follow this academic plan will receive an Associate of Science with a concentration in Pre-Physical Therapy.

TOTAL HOURS

61

1st Fall		Hours
ENGL 1010	Composition I	3
SPCH 1010	Fundamentals of Speech	3
BIOL 1110	General Biology I	4
MATH 1530	Probability and Statistics	3
PSYC 1030	General Psychology	3
TERM TOTAL		16

¹Choose two from the following three sequences:

BIOL 2010, 2020	Anatomy and Physiology I and II
CHEM 1110, 1120	General Chemistry I and II
PHYS 2010, 2020	Non-Calculus based Physics I and II

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Mathematics and Sciences, 865-354-3000 x 4533

Action Items	
Oct	Meet with Success Coach or Faculty Advisor Complete FAFSA for upcoming fall term
Nov	Visit colleges and universities Register for next term

1st Spring		Hours
ENGL 1020	Composition II	3
BIOL 1120	General Biology II	4
MATH 1730	Pre-Calculus	4
	Humanities Elective	3
	Social/Behavioral Science Elective	3
TERM TOTAL		17

Action Items	
Mar	Meet with Success Coach or Faculty Advisor
April	Decide on transfer institution Register for next term

2nd Fall		Hours
	Literature Elective	3
	History Elective	3
	Science Sequence ¹	8
TERM TOTAL		14

Action Items	
Sept	Complete Intent to Graduate with Faculty Advisor
Oct	Meet with Faculty Advisor
Nov	Apply for admission to transfer institution Register for next term

2nd Spring		Hours
	History Elective	3
	Humanities Elective	3
	Science Sequence ¹	8
TERM TOTAL		14

Action Items	
Feb	Take Exit Exam (ETS Proficiency Profile)

Psychology (AA)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Psychology.

Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS

60

1st Fall			Hours
ENGL	1010	Composition I	3
MATH	1530	Probability and Statistics	3
PSYC	1030	General Psychology	3
BIOL	1110	General Biology I	4
		Humanities Elective	3
TERM TOTAL			16
Action Items			
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term		
Nov	Visit colleges and universities Register for next term		

¹Choose a course from the following: PSYC 2110 Psychology of Adjustment, PSYC 2130 Life Span Psychology, PSYC 2120 Social Psychology

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Social Science, Business and Education Division, 865-354-3000 x 4582

1st Spring			Hours
ENGL	1020	Composition II	3
MATH	1130	College Algebra (Recommended) OR Higher Math	3
SPCH	1010	Fundamentals of Speech	3
BIOL	1120	General Biology II	4
		Humanities Elective	3
TERM TOTAL			16
Action Items			
Mar	Meet with Success Coach or Advisor		
April	Decide on transfer institution Register for next term		

2nd Fall			Hours
		Literature Elective	3
		History Elective	3
		Foreign Language Elective	3
		Social/Behavioral Science Elective	3
		Psychology Elective ¹	3
TERM TOTAL			15
Action Items			
Sept	Complete Intent to Graduate		
Oct	Meet with Faculty Advisor		
Nov	Apply for admission to transfer institution Register for next term		

2nd Spring			Hours
		History Elective	3
		Foreign Language Elective	3
		Social/Behavioral Science Elective	3
		Psychology Elective ¹	3
		Elective	1
TERM TOTAL			13
Action Items			
Feb	Take Exit Exam (ETS Proficiency Profile)		

Psychology (AS)

Mar Contact transfer institution about registration/
financial aid

Students who follow this academic plan will receive an Associate of Science with a concentration in Psychology.

TOTAL HOURS **60**

¹Choose a course from the following: PSYC 2110 Psychology of Adjustment, PSYC 2130 Life Span Psychology, PSYC 2120 Social Psychology

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Social Science, Business and Education Division, 865-354-3000 x 4582

1st Fall			Hours
ENGL	1010	Composition I	3
MATH	1530	Probability and Statistics	3
PSYC	1030	General Psychology	3
BIOL	1110	General Biology I	4
		Humanities Elective	3
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
MATH	1130	College Algebra (Recommended) OR Higher Math	3
SPCH	1010	Fundamentals of Speech	3
BIOL	1120	General Biology II	4
		Humanities Elective	3
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
		Literature Elective	3
		History Elective	3
		Elective	3
		Social/Behavioral Science Elective	3
		Psychology Elective ¹	3
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
		History Elective	3
		Elective	3
		Social/Behavioral Science Elective	3
		Psychology Elective ¹	3
		Elective	1
TERM TOTAL			13

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

Secondary Education

TOTAL HOURS

60

Students who follow this academic plan will receive an Associate of Science with a concentration in Secondary Education.

Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

For further information: Social Science, Business and Education Division, 865-354-3000, x4582

1st Fall			Hours
ENGL	1010	Composition I	3
SPCH	1010	Fundamentals of Speech	3
EDU	101	Intro to the Teaching Profession (Recommended) OR Elective	3
		Natural Science Elective	4
		Mathematics Elective	3
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		Elective	3
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
		Electives	6
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty
Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
		History Elective	3
		Social/Behavioral Science Elective	3
		Electives	7
TERM TOTAL			13

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/
financial aid

Social Work (AA)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Social Work.

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/financial aid

TOTAL HOURS

60

Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

For further information: Social Science, Business and Education Division, 865-354-3000, x4582

1st Fall			Hours
ENGL	1010	Composition I	3
SPCH	1010	Fundamentals of Speech	3
BIOL	1110	General Biology I (Recommended) OR Natural Science Elective	4
MATH	1530	Probability and Statistics (Recommended) OR Mathematics Elective	3
	1010	Foreign Language Elective	3
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
BIOL	1120	General Biology II (Recommended) OR Natural Science Elective	4
SOCI	1010	Intro to Sociology (Recommended) OR Social/Behavioral Science Elective	3
PHIL	1030	Intro to Philosophy (Recommended) OR Humanities Elective	3
	1020	Foreign Language Elective	3
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
		Electives	6
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty
Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
PSYC	1030	General Psychology (Recommended) OR Social/Behavioral Science Elective	3
		History Elective	3
		Electives	7
TERM TOTAL			13

Social Work (AS)

Students who follow this academic plan will receive an Associate of Science with a concentration in Social Work.

Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
Mar	Contact transfer institution about registration/ financial aid

1st Fall		Hours	TOTAL HOURS	60
ENGL	1010	Composition I	3	Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.
SPCH	1010	Fundamentals of Speech	3	
BIOL	1110	General Biology I (Recommended) OR Natural Science Elective	4	
MATH	1530	Probability and Statistics (Recommended) OR Mathematics Elective	3	
		Elective	3	
		TERM TOTAL	16	
Action Items				
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term			
Nov	Visit colleges and universities Register for next term			
1st Spring		Hours		
ENGL	1020	Composition II	3	
BIOL	1120	General Biology II (Recommended) OR Natural Science Elective	4	
SOCI	1010	Intro to Sociology (Recommended) OR Social/Behavioral Science Elective	3	
PHIL	1030	Intro to Philosophy (Recommended) OR Humanities Elective	3	
		Elective	3	
		TERM TOTAL	16	
Action Items				
Mar	Meet with Success Coach or Advisor			
April	Decide on transfer institution Register for next term			
2nd Fall		Hours		
		Literature Elective	3	
		History Elective	3	
		Humanities Elective	3	
		Electives	6	
		TERM TOTAL	15	
Action Items				
Sept	Complete Intent to Graduate with Faculty Advisor			
Oct	Meet with Faculty Advisor			
Nov	Apply for admission to transfer institution Register for next term			
2nd Spring		Hours		
PSYC	1030	General Psychology (Recommended) OR Social/Behavioral Science Elective	3	
		History Elective	3	
		Electives	7	
		TERM TOTAL	13	

For further information: Social Science, Business and Education Division,
865-354-3000, x4582

Sociology (AA)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Sociology.

Mar Contact transfer institution about registration/ financial aid

TOTAL HOURS

60

¹Universities will determine whether the sociology elective course counts toward requirements of the sociology major or as elective credit applied to the requirements of the baccalaureate degree.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Social Science, Business and Education Division, 865-354-3000 x 4582

1st Fall			Hours
ENGL	1010	Composition I	3
MATH	1530	Probability and Statistics	3
SOCI	1010	Introduction to Sociology	3
		Natural Science Elective	4
		Elective	3
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
SOCI	1020	Social Problems	3
SPCH	1010	Fundamentals of Speech	3
		Natural Science Elective	4
		Humanities Elective	3
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
		Literature Elective	3
		History Elective	3
		Social/Behavioral Science Elective	3
		Sociology Elective ¹	3
		Foreign Language Elective	3
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
		History Elective	3
		Humanities Elective	3
		Social/Behavioral Science Elective	3
		Foreign Language Elective	3
		Elective	1
TERM TOTAL			13

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

Sociology (AS)

Students who follow this academic plan will receive an Associate of Science with a concentration in Sociology.

1st Fall			Hours
ENGL	1010	Composition I	3
MATH	1530	Probability and Statistics	3
SOCI	1010	Introduction to Sociology	3
		Natural Science Elective	4
		Elective	3
TERM TOTAL			16
Action Items			
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term		
Nov	Visit colleges and universities Register for next term		
1st Spring			Hours
ENGL	1020	Composition II	3
SOCI	1020	Social Problems	3
SPCH	1010	Fundamentals of Speech	3
		Natural Science Elective	4
		Humanities Elective	3
TERM TOTAL			16
Action Items			
Mar	Meet with Success Coach or Advisor		
April	Decide on transfer institution Register for next term		
2nd Fall			Hours
		Literature Elective	3
		History Elective	3
		Social/Behavioral Science Elective	3
		Sociology Elective ¹	3
		Elective	3
TERM TOTAL			15
Action Items			
Sept	Complete Intent to Graduate with Faculty Advisor		
Oct	Meet with Faculty Advisor		
Nov	Apply for admission to transfer institution Register for next term		
2nd Spring			Hours
		History Elective	3
		Humanities Elective	3
		Social/Behavioral Science Elective	3
		Elective	3
		Elective	1
TERM TOTAL			13
Action Items			
Feb	Take Exit Exam (ETS Proficiency Profile)		

Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS

60

¹Universities will determine whether the sociology elective course counts toward requirements of the sociology major or as elective credit applied to the requirements of the baccalaureate degree.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Social Science, Business and Education Division,
865-354-3000 x 4582

Special Education

Students who follow this academic plan will receive an Associate of Science with a concentration in Special Education.

Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS

60

Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

For further information: Social Science, Business and Education
Division 865-354-3000, x4567

1st Fall			Hours
ENGL	1010	Composition I	3
SPCH	1010	Fundamentals of Speech	3
EDU	101	Intro to the Teaching Profession (Recommended) OR Elective	3
		Natural Science Elective	4
		Math Elective	3
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
EDU	111	Intro to Educating Exceptional Children (Recommended) OR Elective	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Humanities Elective	3
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Faculty Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
		Electives	6
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty
Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
		History Elective	3
		Social/Behavioral Science Elective	3
		Electives	7
TERM TOTAL			13

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

Theatre Arts (AA)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Theatre Arts.

1st Fall		Hours
ENGL	1010 Composition I	3
THEA	1030 Introduction to Theatre	3
	Natural Science Elective	4
	Mathematics Elective	3
	Theatre Elective	3
	TERM TOTAL	16
Action Items		
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term	
Nov	Visit colleges and universities Register for next term	
1st Spring		Hours
ENGL	1020 Composition II	3
SPCH	1010 Fundamentals of Speech	3
	Natural Science Elective	4
	Humanities Elective	3
	Social/Behavioral Science Elective	3
	TERM TOTAL	16
Action Items		
Mar	Meet with Success Coach or Advisor	
April	Decide on transfer institution Register for next term	
2nd Fall		Hours
THEA	231 Fundamentals of Acting I	3
THEA	1520 Stage Craft I	3
	Literature Elective	3
	History Elective	3
	Foreign Language Elective	3
	TERM TOTAL	15
Action Items		
Sept	Complete Intent to Graduate with Faculty Advisor	
Oct	Meet with Faculty Advisor	
Nov	Apply for admission to transfer institution Register for next term	
2nd Spring		Hours
	History Elective	3
	Social/Behavioral Science Elective	3
	Theatre Electives	4
	Foreign Language Elective	3
	TERM TOTAL	13
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	

Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS

60

The B. S. Degree with a major in Theater Arts is available at Austin Peay State University, Middle Tennessee State University, and Tennessee State University.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Humanities Division, 865-354-3000 x 4582

Theatre Arts (AS)

Students who follow this academic plan will receive an Associate of Science with a concentration in Theatre Arts.

Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS

60

The B. S. Degree with a major in Theater Arts is available at Austin Peay State University, Middle Tennessee State University, and Tennessee State University.

This is a Tennessee Transfer Pathway: www.tntransferpathway.org

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Humanities Division, 865-354-3000 x 4582

1st Fall		Hours
ENGL	1010 Composition I	3
THEA	1030 Introduction to Theatre	3
	Natural Science Elective	4
	Mathematics Elective	3
	Theatre Elective	3
	TERM TOTAL	16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring		Hours
ENGL	1020 Composition II	3
SPCH	1010 Fundamentals of Speech	3
	Natural Science Elective	4
	Humanities Elective	3
	Social/Behavioral Science Elective	3
	TERM TOTAL	16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall		Hours
THEA	231 Fundamentals of Acting I	3
THEA	1520 Stage Craft I	3
	Literature Elective	3
	History Elective	3
	Elective	3
	TERM TOTAL	15

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring		Hours
	History Elective	3
	Social/Behavioral Science Elective	3
	Elective	3
	Theatre Electives	4
	TERM TOTAL	13

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

Wildlife and Fisheries

Students who follow this academic plan will receive an Associate of Science with a concentration in Wildlife and Fisheries.

1st Fall			Hours
ENGL	1010	Composition I	3
SPCH	1010	Fundamentals of Speech	3
BIOL	1110	General Biology I (Recommended) OR Natural Science Elective	4
MATH	1130	College Algebra (Recommended) OR Mathematics Elective	3
		Elective	3
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Faculty Advisor
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
BIOL	1120	General Biology II (Recommended) OR Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		Elective	3
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution
Register for next term

2nd Fall			Hours
CHEM	1110	General Chemistry I (Recommended) OR Elective course(s)	4
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
TERM TOTAL			13

Action Items

- Sept Complete Intent to Graduate with Faculty
Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution
Register for next term

2nd Spring			Hours
		History Elective	3
		Social/Behavioral Science Elective	3
		Electives	9
TERM TOTAL			15

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/
financial aid

TOTAL HOURS

60

Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

For further information: Mathematics and Sciences Division, 865-354-3000, x4533

Career Preparation Programs

The Associate of Applied Science programs are designed primarily for students who wish to seek employment after two years of college. These programs are not designed for transfer to a senior institution. Although the general education core is transferable, senior institutions may grant elective credit for other courses in the curricula, and all are college courses. Students planning to graduate with an Associate of Applied Science Degree are required to complete the general education courses of the core curriculum for career preparation programs listed at the beginning of this section.

Core Curriculum for Career Preparation Programs

NOTE: Some degree programs may require more than the minimum 60 hours. See the individual program descriptions.

Areas	Courses
English Composition	3 hours
Humanities/Fine Arts*	3 hours
Social/Behavioral Sciences*	3 hours
Natural Science/Mathematics*	3 hours
One additional course from the categories of: Communication, Humanities/Fine Arts, Social/ Behavioral Sciences, or Natural Science/Mathematics*	3 or 4 hours

	15 or 16 hours

*Specific courses satisfying these requirements must be the same courses that satisfy the general education requirement for the A.S. and A.A. degrees.

A certain number of credit hours in each program must be completed at Roane State in order to meet the graduation residency requirement. Contact your faculty advisor for the requirement of your program.

Associate of Applied Science Degree Programs

Allied Health Sciences

This is an Associate of Applied Science (AAS) degree program in Allied Health Sciences that will provide a pathway for students who are currently enrolled in or have completed a certificate-level program in an Allied Health Sciences discipline from any accredited community or technical college; or are currently credentialed as allied health/nursing practitioners who wish to continue their formal education and earn an Associate of Applied Sciences degree. Allied Health Sciences discipline-specific core credits may be earned by current enrollment in appropriate allied health sciences courses, or transferring credits earned in a health science-related program, or an allied health sciences certificate program from a community college, or portfolio assessment of college-level experiential learning related to an allied health discipline.

In addition to the 15 credit hours of General Education core courses currently required for an A.A. S. degree, students will complete Management and Leadership for Allied Health Supervisors (ALH 211) and Medical Law and Ethics (ALH 214). For the general elective requirement, students may select additional Allied Health courses: ALH 212-Contemporary Issues in Healthcare, ALH 1010 - Introduction to Health-related Professions and ALH 213 - Special Topics in Healthcare Management. The credits required is dependant on the number of credit hours earned from a allied health sciences certificate program, allied health science courses, or experiential portfolio evaluation. For more information and detailed admissions procedures visit the Allied Health Sciences division webpage.

Class Location: The ALH classes are hybrid (on-line) with the orientation session held each semester at the Oak Ridge campus.

Program Application Deadline: None. Selective admission is not applicable to this program.

Degree plan for applicants with a health science certificate from a community college:

Allied Health Sciences Certificate Program	16-39
ENGL 1010 Composition	3
SPCH 1010 Fundamentals of Speech	3
ALH 211 Management/Supervision for AHS Supervisors	3
ALH 214 Medical Law and Ethics	3
Natural Science/Math Elective	
Humanities Elective	3
Social Science Elective	3
General Education Elective : to be selected from Social Science, Humanities, Communication, or Natural Science or Mathematics	3-4
General Electives ¹	0-23

TOTAL HOURS

60

Degree plan for applicants with a health science license/certification:

ALH 215	Experiential Portfolio Assessment ²	3
ENGL 1010	Composition	3
ALH 211	Management/Supervision for AHS Supervisors	3
ALH 214	Medical Law and Ethics	3
	Natural Science/Mathematics Elective	3-4
	Humanities Elective	3
	Social Science Elective	3
	General Education Elective: To be selected from Communication, Humanities, Social Science, Natural Science or Mathematics	3-4
ALH 216	Experiential Portfolio ²	3-27
	Electives ¹	

TOTAL HOURS

60

¹The number of electives required will vary depending on the credits from an accredited health science certificate program, or a combination of transfer credits from other higher education institutions and credit awarded for prior learning (Experiential Portfolio Assessment), or allied health science courses. Elective courses will be determined in consultation with the faculty advisor consistent the personal career goals of the student.

²Experiential portfolio assessment (to give college credit for professional work experiences) will be done using the Council for the Assessment of Experiential Learning (CAEL) guidelines and assessment instruments. The maximum number of college credits awarded for experiential learning is 27 credit hours in accordance with the RSCC Catalog.

This program is designed for students who plan to enter the workforce upon graduation. Student intending to transfer to a baccalaureate program are advised to check with their faculty advisor and the four-year institution regarding specific transfer of courses.

Business (no concentration)

TOTAL HOURS

60

This self-directed program provides students with a well rounded business background while providing the flexibility to explore multiple business disciplines. Students, in consultation with their faculty advisor, may strategically choose elective courses that will assist with meeting their individual interests and career focus.

¹Discipline-Specific Directed Electives: Students may choose from many course offerings in Accounting (ACCT), Business (BUSN), Computer Science (CITC), and Management (MGT) to meet this elective requirement. Credit may also be obtained through co-op opportunities (COE) or by acquiring credits for Prior Learning.

²This course should be taken during the final year of coursework and/or after the completion of ENGL 1010, ACCT 1010, BUSN 1305, BUSN 1380, and BUSN 2380.

This program is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program should follow the appropriate Associate of Science program.

Students pursuing any of the Business programs will be advised by the Social Science, Business and Education Division.

1st Fall			Hours
ENGL	1010	Composition I	3
SPCH	1010	Fundamentals of Speech Communication	3
BUSN	1305	Introduction to Business	3
BUSN	1360	Software Applications for Business (Recommended) OR INFS 1010 Computer Applications	3
MATH	1530	Probability and Statistics (Recommended) OR Mathematics Elective	3
TERM TOTAL			15

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Register for next term

1st Spring			Hours
ACCT	1010	Principles of Accounting I	3
BUSN	1380	Supervisory Management	3
PHIL	121	Elementary Ethics (Recommended) OR Humanities Elective	3
Discipline-Specific Directed Electives ¹			6
TERM TOTAL			15

Action Items

- Mar Meet with Success Coach or Advisor
- Apr Register for next term

2nd Fall			Hours
ECON	2010	Macroeconomics (Recommended) OR	3
ECON	2020	Microeconomics	
BUSN	2380	Principles of Marketing	3
Discipline-Specific Directed Electives ¹			9
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Register for next term

2nd Spring			Hours
BUSN	2399	Management Seminar ²	3
Discipline-Specific Directed Electives ¹			12
TERM TOTAL			15

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Begin job search using RaiderRecruit

Business, Concentration: Accounting

The accounting concentration provides intensive training to qualify a student for various accounting positions in profit and not-for-profit organizations such as service industries, merchandising businesses, manufacturing companies, and governmental and educational facilities. Areas of responsibility may include cash control, accounts receivable, inventory management, accounts payable, tax returns, budgeting and cost controls.

1st Fall			Hours
ENGL	1010	Composition I	3
SPCH	1010	Fundamentals of Speech Communication	3
BUSN	1305	Introduction to Business	3
BUSN	1360	Software Applications for Business (Recommended) OR INFS 1010 Computer Applications	3
ACCT	1010	Principles of Accounting I	3
TERM TOTAL			15

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Register for next term

1st Spring			Hours
BUSN	1380	Supervisory Management	3
BUSN	2380	Principles of Marketing	3
ACCT	1020	Principles of Accounting II	3
PHIL	121	Elementary Ethics (Recommended) OR Humanities Elective	3
MATH	1530	Probability and Statistics (Recommended) OR Mathematics Elective	3
TERM TOTAL			15

Action Items

- Mar Meet with Success Coach or Advisor
- April Register for term

2nd Fall			Hours
ACCT	2321	Intermediate Accounting	3
ACCT	2331	Tax Accounting	3
ACCT	2351	Auditing	3
ACCT	2361	Fund Accounting	3
ECON	2010	Macroeconomics (Recommended) OR ECON 2020 Microeconomics	3
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate form with
Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Register for next term

2nd Spring			Hours
ACCT	2332	Topics in Taxation	3

ACCT	2341	Cost Accounting	3
ACCT	2382	Accounting Systems Applications	3
BUSN	2370	Legal Environment for Business	3
BUSN	2399	Management Seminar ¹	3
TERM TOTAL			15

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Begin job search using RaiderRecruit

TOTAL HOURS			60
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¹This course should be taken during the final year of coursework and/or after the completion of ENGL 1010, ACCT 1010, BUSN 1305, BUSN 1380, and BUSN 2380.

This program is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised to follow the Associate of Science degree program.

Students pursuing any of the Business Management Technology programs will be advised by the Social Science, Business and Education Division.

Business, Concentration: Business Administration

The Business Administration concentration is designed for those students that do not currently have as their focus the direct supervision of personnel but want to obtain the necessary education and skills to own and operate a small business or to become a significant contributor to a business owner or entrepreneur. A variety of business courses are provided for the student to accomplish these goals. The student may also choose to gain on-the-job experience by selecting cooperative education (COE) as a business elective.

1st Fall			Hours
ENGL	1010	Composition I	3
BUSN	1305	Introduction to Business	3
BUSN	1360	Software Applications (Recommended) OR INFS 1010 Computer Applications	3
BUSN	1300	Personal Finance	3
MATH	1530	Probability and Statistics (Recommended) OR Mathematics Elective	3
TERM TOTAL			15

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Register for next term

1st Spring			Hours
SPCH	1010	Fundamentals of Speech	3
BUSN	2390	Business Presentations (Recommended) OR BUSN 1370 Spreadsheet Applications	3
BUSN	1350	Sales and Service	3
BUSN	2350	Organizational Behavior	3
PHIL	121	Elementary Ethics (Recommended) OR Humanities Elective	3
TERM TOTAL			15

Action Items

- Mar Meet with Success Coach or Advisor
- April Register for next term

2nd Fall			Hours
ACCT	1010	Accounting I	3
ECON	2010	Macroeconomics (Recommended) OR ECON 2020 Microeconomics	3
BUSN	2380	Principles of Marketing	3
BUSN	2392	Business Innovations	3
BUSN	1380	Supervisory Management	3
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty
Advisor
- Oct Meet with Faculty Advisor
- Nov Register for next term

2nd Spring			Hours
BUSN	1330	Entrepreneurship	3
ACCT	1020	Accounting II	3
BUSN	2370	Legal Environment for Business	3
BUSN	2399	Management Seminar ¹	3
		Directed Elective ²	3
TERM TOTAL			15
Action Items			
	Feb	Take Exit Exam (ETS Proficiency Profile)	
	Mar	Begin job search using RaiderRecruit	
TOTAL HOURS			60

¹This course should be taken during the final year of coursework and/or after the completion of ENGL 1010, ACCT 1010, BUSN 1305, BUSN 1380, and BUSN 2380.

²Directed Electives: ACCT, BUSN, ECON, or COE.

This program is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised to follow the Associate of Science degree program.

Students pursuing any of the Business Management Technology programs will be advised by the Social Science, Business and Education Division.

Business, Concentration: Management

The Business Management concentration is designed to provide students with the necessary education and skills to function as a first-line manager or improve their knowledge of the management function that could be applied to all levels of management within a business. A variety of business courses are provided for the student to accomplish these goals. The student may also choose to gain on-the-job experience by selecting cooperative education (COE) as a business elective.

1st Fall			Hours
ENGL	1010	Composition I	3
BUSN	1305	Introduction to Business	3
BUSN	1360	Software Applications (Recommended) OR INFS 1010 Computer Applications	3
BUSN	1300	Personal Finance	3
MATH	1530	Probability and Statistics (Recommended) OR Mathematics Elective	3
TERM TOTAL			15

Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Register for next term

1st Spring			Hours
SPCH	1010	Fundamentals of Speech	3
BUSN	2390	Business Presentations	3
BUSN	2350	Organizational Behavior	3
BUSN	1380	Supervisory Management	3
PHIL	121	Elementary Ethics (Recommended) OR Humanities Elective	3
TERM TOTAL			15

Action Items

Mar	Meet with Success Coach or Advisor
April	Register for next term

2nd Fall			Hours
ACCT	1010	Accounting I	3
ECON	2010	Macroeconomics (Recommended) OR ECON 2020 Microeconomics	3
BUSN	2380	Principles of Marketing	3
BUSN	2340	Human Resource Management	3
BUSN	2370	Legal Environment for Business	3
TERM TOTAL			15

Action Items

Sept	Complete Intent to Graduate with Faculty Advisor
Oct	Meet with Faculty Advisor
Nov	Register for next term

2nd Spring			Hours
ACCT	1020	Accounting II	3
BUSN	2362	Negotiation and Conflict Management	3

BUSN	1320	Business Calculations	3
BUSN	2300	Business Ethics	3
BUSN	2399	Management Seminar ¹	3
TERM TOTAL			15

Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
Mar	Begin job search with RaiderRecruit

TOTAL HOURS	60
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¹This course should be taken during the final year of coursework and/or after the completion of ENGL 1010, ACCT 1010, BUSN 1305, BUSN 1380, and BUSN 2380.

This program is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised to follow the Associate of Science degree program.

Students pursuing any of the Business Management Technology programs will be advised by the Social Science, Business and Education Division.

Business, Concentration: Computer Science

This program is currently being phased out and is no longer accepting new students. Current students should contact their faculty advisor to complete this degree by August 2018. The new Associate of Applied Science (AAS) in Computer Information Technology has been established for those interested in technical computer training.

This concentration is designed to prepare students to work in the growing area of computer-based information systems. Degree-seeking students will be exposed to important aspects of computing in a business setting including networking, programming, databases, project management, Web site design and administration as well as file management, current operating systems and popular business applications.

General Education Requirements			Hours
ENGL	1010	Composition I	3
SPCH	1010	Fundamentals of Speech	3
MATH		Math Elective	3
ECON	2010	Macroeconomics OR	3
ECON	2020	Microeconomics	
		Humanities Elective	3
Professional Course Requirements			
BUSN	1305	Introduction to Business	3
ACCT	1010	Principles of Accounting I	3
BUSN	1360	Software Applications for Business OR	
INFS	1010	Computer Applications	3
BUSN	1380	Supervisory Management	3
BUSN	2380	Principles of Marketing	3
Major Course Requirements			
BUSN	2390	Business Presentations	3
BUSN	2365	Database Creation and Design	3
BUSN	2385	Project Design and Management	3
BUSN	2370	Legal Environment for Business	3
BUSN	2399	Management Seminar ¹	3
CISP	1080	Web Fundamentals	3
CISP	1090	Introduction to Programming	3
CISP	1170	Introduction to Visual Basic	3
CISP	1370	PC Repairs and Maintenance	3
		CISP Electives ²	3
TOTAL HOURS			60

¹BUSN 2399 Management Seminar should be taken in a student's final semester.

²CISP electives included below:

CISP	1350	Spreadsheets	3
CISP	1420	Networking Essentials	3
CISP	1430	Introduction to Routers	3
CISP	2030	Data Structures	3
CISP	2040	Database Programming	3
CISP	2060	Introduction to Network Security	3
CISP	2090	Java Programming	3
CISP	2150	Operating Systems	3
CISP	2180	Advanced Java	3
CISP	2360	Web Design Methodology	3
CISP	2370	e-Commerce Design	3
CISP	2380	Intro to Java Script	3
CISP	2750	Unix/Linux Operating Systems	3
COE		Co-Op (see advisor)	3

¹This course should be taken during the final year of coursework and/or after the completion of ENGL 1010, ACCT 1010, BUSN 1305, BUSN 1380, and BUSN 2380.

This program is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised to follow an Associate of Science degree program.

Students pursuing this particular program/concentration will be advised by the Mathematics and Sciences Division.

Computer Information Technology - Programming Concentration

The goal of the Roane State CIRC program is to produce programmers who are effective in all the phases of the software lifecycle and who make sound decisions, manage and solve problems, and integrate into any programming team. CIRC students develop applications on multiple platforms and operating systems and are prepared to maintain and deploy applications on the UNIX operating system. Students write extensively in the Java programming language and build Java learning artifacts. They also master skill sets that will prepare them to pass Java Oracle certification. On the server side, students become skilled in the latest NodeJs, ExpressJs to develop the server-side logic and definition and maintain the central database to ensure high performance and responsiveness to requests from the front-end.

Students also learn Oracle Database skills sets and environment. Students learn to maintain the security and the integrity of Oracle databases and train to pass the Oracle Database administration certification. In addition to becoming certified software professionals, students train extensively on a variety of networking and hardware platforms.

CIRC graduates are ready to be front-end Web developers because they have designed applications that involve HTML5 and CSS bootstrap components, and have embedded JavaScript code that powers the visuals and interactions of the Web. The curriculum combines technical skills with competencies in ethical decision-making, effective communication, and critical and creative thinking.

1st Fall			Hours
ENGL	1010	Composition I	3
CIRC	1300	HTML & CSS	3
CIRC	1302	Intro to Networking	3
CIRC	1310	Programming I	3
INFS	1010	Computer Applications	3
TERM TOTAL			15

Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Register for next term

1st Spring			Hours
MATH	1010	Survey of Mathematics	3
CIRC	1301	Programming & Logic	3
CIRC	1311	Programming II	3
CIRC	1303	Database Concepts	3
CIRC	1333	Linux LPIC-1 (Recommended) or CIRC elective ¹	3
TERM TOTAL			15

Action Items

Mar	See faculty advisor
Apr	Register for next term

2nd Fall			Hours
SPCH	1010	Fundamentals of Speech	3

CIRC	1312	Intro to .Net Programming	3
CIRC	1318	Data Structures	3
CIRC	2326	Network Security (Recommended) or CIRC elective ¹	3
CIRC	2344	Database SQL Programming (Recommended) or CIRC elective ¹	3
TERM TOTAL			15

Action Items

Sept	Complete Intent to Graduate with Faculty Advisor
Oct	Meet with Faculty Advisor
Nov	Register for next term

2nd Spring			Hours
WEBT	2300	Client-Side Programming (Java Script)	3
CIRC	2399	Co-op/Internship	3
CIRC	1321	A+ Hardware (Recommended) or CIRC elective ¹	3
SOCI	1010	Introduction to Sociology (Recommended) or Social/Behavioral Science elective	3
PHIL	121	Elementary Ethics (Recommended) or Humanities/Fine Arts elective	3
TERM TOTAL			15

Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
Mar	Begin job search using RaiderRecruit

TOTAL HOURS **60**

¹ CIRC electives must be selected from: CIRC 1321, CIRC 1333, CIRC 2326, CIRC 2344, CIRC 2328.

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program should follow the appropriate Associate of Science program.

Students pursuing any of the Business programs will be advised by the Math/Science Division.

Contemporary Management

The Contemporary Management Program, designed specifically for working adults, provides the academic credentials and advanced skills necessary for upward mobility in area businesses. This “accelerated” degree program combines reduced in-class instruction with outside assignments; therefore, each 4-credit course meets only one night per week for five weeks plus an additional eight-hour summary session. This unique program design allows working adults to earn a degree in a short period of time while keeping their full-time job. In addition, individuals may receive credit through a portfolio process for prior college-level learning whether in a classroom or on the job. Faculty assessors will review each participant’s background and grant credit if applicable.

Because of its fast-paced format, a very high level of maturity and dedication will be required of students in this program. Each student should discuss his/her interest in taking these accelerated courses with a faculty advisor from the business department.

1st Fall			Hours
ENGL	1010	Composition I	3
MGT	200	Foundations of Business	4
MGT	201	Management Concepts	4
MGT	203	Human Resource Management	4
TERM TOTAL			15

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Register for next semester

1st Spring

MGT	205	Marketing in the Global Economy	4
MGT	206	Applied Economics	4
MGT	207	Managerial Accounting & Finance	4
SPCH	1010	Fundamentals of Speech Communications	3
TERM TOTAL			15

Action Items

- Mar Meet with Success Coach or Advisor
- Apr Register for next semester

2nd Fall

SOCI	1020	Social Problems (Recommended) OR Social/Behavioral Science Elective	3
MATH	1530	Probability and Statistics (Recommended) OR Mathematics Elective	3
		Electives ¹	6
		Computer Elective ²	3
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Register for next term

2nd Spring

BUSN	2399	Management Seminar ³	3
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MUS	1030	Music Appreciation (Recommended) OR Humanities Elective	3
BIOL	2015	Environmental Science (Recommended) OR Natural Science Elective	3-4
		Electives ¹	6
TERM TOTAL			15-16

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Begin job search using RaiderRecruit

TOTAL HOURS 60-61

¹The following is a list of four Contemporary Management courses from which you may choose to apply toward satisfying this requirement:

- MGT 208-Training and Development
- MGT 209-Interpersonal Communication
- MGT 225-Resolving Conflict/Negotiation

The elective hours may also be obtained through Prior Learning Credit, Cooperative Education, and/or the successful completion of various other courses. For more information, go to www.roanestate.edu/mgt

²Students may take BUSN 1362, BUSN 2390, BUSN 2365, BUSN 2385, BUSN 1370 or INFS 1010 to fulfill requirement.

³This course should be taken during the final year of coursework and/or after the completion of MGT courses.

This program is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised to follow the Associate of Science degree program.

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

Criminal Justice

The two-year Criminal Justice program is designed to provide students with a variety of career opportunities. Careers available include: state and local law enforcement, school resource officers, park ranger, sheriff's deputies, corrections officers, federal agencies such as U.S. Border Patrol, U.S. Marshalls, U.S. Secret Service, Transportation Security Administration, and other U.S. Department of Homeland Security jobs (some of these agencies require a four-year degree).

According to the U.S. Bureau of Labor Statistics, the continued desire for public safety is expected to lead to new openings for officers, although demand may vary by location. The two-year associate degree is formed to meet the needs of society for personnel capable of entry and advancement into these career opportunities. Education requirements range from a high school diploma to a college degree. Most police and corrections officers must graduate from their agency's training academy before completing a period of on-the-job training. Candidates must be U.S. citizens, usually at least 21 years old, and able to meet rigorous physical and personal qualifications.

1st Fall			Hours
ENGL	1010	Composition I	3
SPCH	1010	Foundations of Speech	3
PSYC	1030	Introduction to Psychology	3
CRMJ	1010	Introduction to Criminal Justice	3
POLS	1025	Introduction to Political Science	3
TERM TOTAL			15

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Register for next term

1st Spring			Hours
SOCI	1010	Introduction to Sociology	3
CRMJ	2010	Introduction to Law Enforcement	3
CRMJ	2020	Introduction to Corrections	3
MATH	1530	Probability and Statistics (Recommended) OR Choose from: 1010, 1130, 1630 or higher content level math course OR Natural Science Elective ¹	3
Elective			3
TERM TOTAL			15

Action Items

- Mar Meet with Success Coach or Advisor
- April Register for next term

2nd Fall			Hours
CRMJ	1355	Understanding Terrorism	3
CRMJ	1340	Criminal Investigation	3
CRMJ	1311	Criminal Law	3
POLS	1030	American Government	3
PHIL	121	Elementary Ethics (Recommended) OR Humanities Elective	3
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Register for next term

2nd Spring			Hours
CRMJ	1020	Introduction to Legal Process	3
CRMJ	2381	Special Topics ²	3
CRMJ	2311	Juvenile Justice	3
CRMJ	1330	Criminal Evidence and Procedures	3
Elective			3
TERM TOTAL			15

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile) and CRMJ Exit Exam
- Mar Begin job search using RaiderRecruit

TOTAL HOURS 60

*CRMJ Internship only offered in SPRING. Pre-requisite CRMJ 1010

¹Students must complete all Math Learning Support requirements before the degree will be awarded.

²Other CRMJ courses may be substituted for this requirement. Consult with your faculty advisor.

Exit Testing:

AAS Criminal Justice Graduate Exam (CJGE)

All Criminal Justice students seeking an Associate of Applied Science degree must take the ETS Proficiency Profile Exam and the Criminal Justice Graduate Exit Exam prior to receiving a diploma.

You must first file an Intent to Graduate and allow time for review and approval. Once your Intent to Graduate form has been approved, you can take the CJGE. You must take your CJGE at the Hariman or Oak Ridge campus as it requires a password only known by Testing Center employees.

The CJGE consists of 80 multiple choice questions covering the subject areas of: Introduction to Criminal Justice, Introduction to Law Enforcement, Introduction to Corrections and Introduction to the Legal Process. There is no study guide for this exam. Please allow yourself 1 hour for the ETS Exit Exam and approximately 2 hours for the Criminal Justice Exam.

Proficiency Credit for Criminal Justice

Currently enrolled criminal justice students may petition for the granting of academic proficiency credit, based on previous experiential work in the field in which a degree is being pursued. The student is responsible for assembling and presenting a portfolio of materials to support the request. Academic proficiency credit may be awarded for in-service training at specialized schools or academies; contingent upon how the training curriculum corresponds to the competency based curriculum objectives for individual criminal justice courses.

Academic proficiency credit awarded will not exceed 15 semester hours. Copies of training certificates and other portfolio materials should be sent to the Criminal Justice Department for evaluation by the Program

Director. The Admissions and Records Office will assign course credit. A grade of "P" will be assigned to proficiency credit. Proficiency credit cannot be granted until the student is enrolled (full- or part-time) for classes at Roane State.

Students who complete a Law Enforcement Training Academy will receive the following proficiency course credit.

			Hours
CRMJ	2010	Intro to Law Enforcement	3
CRMJ	1020	Intro to Legal Process	3
CRMJ	1330	Criminal Evidence and Procedures	3
CRMJ	1340	Criminal Investigation	3
CRMJ	1311	Criminal Law	3
			15

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised to follow the Associate of Science degree program.

Students pursuing this option will be advised by the Social Science, Business and Education Division.

Dental Hygiene

The Dental Hygiene Program includes a background of general studies, dental science, and clinical skills with which the student becomes a proficient provider of oral health care while working under the supervision of a dentist.

The goals of the Dental Hygiene (DHT) program are:

1. Provide the didactic and clinical instruction that prepares students for the practice of dental hygiene.
2. Provide students with the skills to effectively interact with dental and other health care providers.
3. Encourage students to commit to lifelong learning.
4. Provide necessary skills that prepare students to become effective members of the dental health team.
5. Encourage students to assume active leadership roles in community and professional organizations.
6. Provide quality patient centered dental hygiene treatment.

In addition to the special admission policies for Allied Health Sciences programs, the Dental Hygiene Program utilizes the following factors in ranking and acceptance of applicants:

1. The number of required course hours completed in the DHT Degree Plan
2. The student's grades for required science courses completed
3. Work experience in the field of Dentistry
4. Registry/Certification in Dental Assisting
5. GPA in the DHT degree plan
6. Results of a personal interview and writing sample. Interviews will be granted only to the top twenty selected applicants who have met the minimum requirements for admission to the program.

All DHT courses must be taken in sequence. All required science courses must be taken in the semester as listed if applicant is admitted to the program OR any of the courses may be completed prior to the beginning of the program in August. Admission to the DHT program is required prior to enrolling in any DHT courses. All DHT courses are taught on the Oak Ridge Branch Campus.

The program in dental hygiene is accredited by the Commission on Dental Accreditation. The Commission is a specialized accrediting body recognized by the United States Department of Education. The Commission on Dental Accreditation can be contacted at (312) 440-4653 or at 211 East Chicago Avenue, Chicago, IL 60611.

1st Fall			Hours
ENGL	1010	Composition I	3
PSYC	2130	Lifespan Psychology (Recommended) OR PSYC 2220 or PSYC 1030	3
BIOL	2010	Human Anatomy and Physiology I ¹	4
MATH	1530	Probability and Statistics (Recommended) OR MATH 1130 or MATH 1630 or a higher content level MATH course	3
TERM TOTAL			13
Action Items			
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term		
Nov	Register for next term		

	Dec	Complete AHS application	
1st Spring			Hours
CHEM	1010	Introduction to Chemical Principles ¹	4
BIOL	2020	Human Anatomy and Physiology II ²	4
PHIL	1030	Intro to Philosophy (Recommended) OR Humanities Elective	3
SOCI	1010	Intro to Sociology (Recommended) OR Social/Behavioral Science Elective	3
TERM TOTAL			14
Action Items			
	Feb	Submit supplemental admission documents by program deadline	
	Mar	Meet with Success Coach or Advisor	
	April	Register for next term	
1st Summer			Hours
BIOL	2230	Microbiology	4
TERM TOTAL			4
2nd Fall			Hours
DHT	101	Pre-clinical Dental Hygiene	5
DHT	111	Dental Science I	3
DHT	132	Dental Radiography	3
TERM TOTAL			11
Action Items			
	Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term	
	Nov	Register for next term	
2nd Spring			Hours
DHT	112	Dental Science II	3
DHT	121	Clinical Dental Hygiene I	1
DHT	141	Principles of Dental Hygiene I	3
DHT	161	Biochemistry and Nutrition	3
TERM TOTAL			10
Action Items			
	Mar	Meet with Faculty Advisor	
	April	Register for next term	
2nd Summer			Hours
DHT	133	General and Oral Pathology	3
DHT	171	Dental Materials	3
TERM TOTAL			6
3rd Fall			Hours
DHT	201	Pharmacology and Pain Control	4
DHT	221	Clinical Dental Hygiene II	2
DHT	240	Principles of Dental Hygiene II	2
DHT	251	Periodontology	3
TERM TOTAL			11
Action Items			
	Sept	Complete Intent to Graduate with Faculty Advisor	
	Oct	Meet with Faculty Advisor	

Nov Register for next term
Register for National and Clinical Boards

3rd Spring			Hours
DHT	211	Dental Hygiene Seminar	2
DHT	212	Community Health	3
DHT	222	Clinical Dental Hygiene III	2
DHT	242	Principles of Dental Hygiene III	2
TERM TOTAL			9

Action Items

Feb Take Exit Exam (ETS Proficiency Profile)
Mar Begin job search with RaiderRecruit

TOTAL HOURS **78**

¹BIOL 2010 and CHEM 1010 must be taken by fall semester of the first year.

²BIOL 2020 must be taken by spring of the first year.

Students pursuing this option will be advised by the Allied Health Sciences Division.

Program Application Deadline: February 28

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

Early Childhood Education

The AAS Early Childhood Education degree is accredited by the National Association for the Education of Young Children (NAEYC) to ensure programming meets the standards for professional preparation.

1st Fall			Hours
ENGL	1010	Composition I	3
ECED	1310	Introduction to Early Childhood Education	3
ECED	2310	Safe, Healthy, Learning Environments	3
ECED	2335	Initial Practicum	3
MATH	1530	Probability and Statistics (Recommended) OR Mathematics Elective	3
TERM TOTAL			15

Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Register for next term

1st Spring			Hours
SPCH	1010	Fundamentals of Speech	3
ECED	2315	Early Childhood Curriculum	3
ECED	2340	Family Dynamics and Community Involvement	3
ECED	2320	Infant, Toddler, and Child Development	3
PSYC	1030	General Psychology (Recommended) OR Social/Behavioral Science Elective	3
TERM TOTAL			15

Action Items

Mar	Meet with Success Coach or Advisor
April	Register for next term
May	Apply for CDA Credential, if desired. See Program Director.

2nd Fall			Hours
ECED	2380	Language and Literacy in Early Childhood	3
ECED	2385	Math and Science in Early Childhood	3
BIOL	1110	General Biology I (Recommended) OR Natural Science Elective	4
MUS	1030	Music Appreciation (Recommended) OR Humanities Elective	3
PSYC	2130	Lifespan Psychology (Recommended) OR Elective course	3
TERM TOTAL			16

Action Items

Sept	Complete Intent to Graduate with Faculty Advisor
Oct	Meet with Faculty Advisor
Nov	Register for next term

2nd Spring			Hours
ECED	2370	Developmental Assessment	3
ECED	2360	Development of Exceptional Children	3
ECED	2365	Final Practicum	3

ECED	ECED Elective ¹	3
	General Education or ECED Elective ²	3
TERM TOTAL		15

Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
Mar	Begin job search using RaiderRecruit

TOTAL HOURS **61**

¹Choose from:

ECED	2390	Creative Development
ECED	2300	The Mentoring Teacher
ECED	2312	Administration of Child Care Centers
ECED	2375	Socio-Emotional Development
ENGL	2630	Literature for Children (only offered online with TN eCampus)

² To be selected from the RSCC General Education listing or another unduplicated course from the list in footnote #1.

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

Environmental Health Technology

This program is designed to prepare students for careers in the growing fields of environmental protection, health and safety, and site remediation. Students receive specialized training in environmental law, waste management, protection of human health and safety, industrial hygiene, radiation protection, emergency response, environmental remediation techniques and methods for evaluating environmental quality.

1st Fall			Hours
ENGL	1010	Composition I	3
EHTC	1300	Waste Management and Pollution Prevention	3
MATH	1530	Probability and Statistics Non-Calculus Based	3
BIOL	1110	General Biology I	4
COLS	1010	SOS-Study, Organize and Succeed (Recommended) OR Elective course	1
TERM TOTAL			14

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Register for next term

1st Spring			Hours
EHTC	1301	Industrial Hygiene and Safety I	3
BIOL	1120	General Biology II (Recommended) OR BIOL 2530 General Ecology	4
SPCH	1010	Fundamentals of Speech	3
BIOL	2015	Environmental Science	3
MUS	1030	Music Appreciation (Recommended) OR Humanities Elective	3
TERM TOTAL			16

Action Items

- Mar Meet with Success Coach or Advisor
- April Register for next term

2nd Fall			Hours
EHTC	2301	Environmental Law	3
EHTC	2310	Environmental Instrumentation	3
EHTC	2320	Industrial Hygiene and Safety II	3
CHEM	1110	General Chemistry I	4
GEOL	1040	Physical Geology	4
TERM TOTAL			17

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Register for next term
Apply for summer internships¹ (if interested)

2nd Spring			Hours
EHTC	2311	Safety and Emergency Response	3
EHTC	2315	Applied Radiological Control Tech	3

CHEM	1120	General Chemistry II	4
SOCI	1020	Social Problems (Recommended) OR Social/Behavioral Science Elective	3
TERM TOTAL			13

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Begin job search using RaiderRecruit
Take EHT Capstone Exam when prompted by email

TOTAL HOURS	60
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¹Internships are optional, and approval of the instructor must be obtained before a student may enroll in an internship.

Students pursuing Environmental Health Technology will be advised by the Social Science, Business and Education Division.

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their faculty advisor and the four-year institution regarding specific transfer of courses.

Financial Services

The AAS Financial Services degree is designed for those students who are interested in competing for jobs and/or enhance job skills for current employees within the financial services business sector. This includes jobs in Banking, Insurance and Investing companies. This dynamic industry is projecting a significant need for employment in the area.

1st Fall			Hours
ENGL	1010	Composition I	3
MATH	1530	Probability and Statistics Non-Calculus Based	3
BUSN	1305	Introduction to Business	3
BUSN	1360	Software Applications for Business (Recommended) OR INFS 1010 Computer Applications	3
BUSN	2380	Principles of Marketing	3
TERM TOTAL			15

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Register for next term

1st Spring			Hours
SPCH	1010	Fundamentals of Speech	3
BUSN	2370	Legal Environment for Business	3
BUSN	2350	Organizational Behavior	3
FNCE	1310	Principles of Finance	3
PHIL	121	Elementary Ethics (Recommended) OR Humanities Elective	3
TERM TOTAL			15

Action Items

- Mar Meet with Success Coach or Advisor
- April Register for next term

2nd Fall			Hours
ECON	2010	Macroeconomics	3
ACCT	1010	Accounting I	3
FNCE	1320	Consumer Lending	3
FNCE	2310	Money and Banking	3
BUSN	1350	Sales and Service	3
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Register for next term

2nd Spring			Hours
ECON	2020	Microeconomics	3
ACCT	1020	Accounting II	3
BUSN	2399	Management Seminar	3
FNCE	1330	Introduction to Investments	3
FNCE	2320	Principles of Insurance	3
TERM TOTAL			15

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Begin job search using RaiderRecruit

¹This course should be taken during the final year of coursework and/or after the completion of ENGL 1010, ACCT 1010, BUSN 1305, BUSN 1380, and BUSN 2380.

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised to follow the Associate of Science degree program.

Students pursuing any of the Business Management Technology programs will be advised by the Social Science, Business and Education Division.

General Technology

This degree program provides a foundation for students who wish to pursue individual career goals and an alternative for currently employed adults who wish to continue their formal education. The electives in this program may be earned by taking appropriate courses, through recognized industry certification programs, and by portfolio assessment of college-level learning gained through employment. Additional information on prior learning credit is available in this catalog.

Major Field and Career Path Courses must be selected from the following subject categories:
ACCT, BUSN, CITC, CRMJ, FNCE, LEGL, EHTC, MECH, MGT.

Individual courses cannot be counted for both the Major Field Core Courses and the Career Path Courses simultaneously.

For further information: Mathematics and Sciences Division, 865-354-3000, x4533

1st Fall		Hours
ENGL	1010 Composition I	3
COLS	1010 Study, Organize, Succeed	3
	Natural Science or Math Elective	3
	Major Field Core Courses ¹	6
	TERM TOTAL	15
Action Items		
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term	
Nov	Register for next term	
1st Spring		Hours
	Social Science Elective	3
	General Education Elective in Math/Science/ Humanities or Social Science	3
	Major Field Core Courses ¹	6
	Career Path Course ²	3
	TERM TOTAL	15
Action Items		
Mar	Meet with Success Coach or Advisor	
April	Register for next term	
2nd Fall		Hours
	Humanities Elective	3
	Major Field Core Courses ¹	6
	Career Path Courses ²	6
	TERM TOTAL	15
Action Items		
Sept	Complete Intent to Graduate with Faculty Advisor	
Oct	Meet with Faculty Advisor	
Nov	Register for next term	
2nd Spring		Hours
	Career Path Courses ²	16
	TERM TOTAL	16
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
	TOTAL HOURS	61

¹**Major Field Core Courses** (18 cr) must be selected from **two** subject areas: A minimum of 6 credit hours must be in one subject area.

²**Career Path Courses** (25 cr hrs) Any additional elective courses to be selected from the same two subject areas as the major field core courses.

Geographic Information Systems Technology

This degree program prepares students for careers as Geographic Information Systems (GIS) analysts. Students receive specialized training in geographic fundamentals, GIS database design, spatial analysis, demographic analysis, computer programming, digital image analysis, cartographic design and global positioning system (GPS) principles. Students become skilled in using popular GIS software packages and GPS mapping products.

1st Fall			Hours
GIS	101	Introduction to GIS	4
GIS	105	Computer Cartography	3
INFS	1010	Computer Applications	3
ENGL	1010	Composition I	3
GEOG	2010	World Geography	3
TERM TOTAL			16

Action Items

Sept	Meet with instructor to obtain ArcGIS software
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Register for next term

1st Spring			Hours
GIS	110	GIS Database Technology	3
GIS	220	Demographics	3
MATH	1530	Probability and Statistics non-Calculus based	3
MATH	1530	Introductory Statistics	3
SPCH	1010	Fundamentals of Speech	3
CITC	1301	Introduction to Programming and Logic	3
TERM TOTAL			15

Action Items

Mar	Meet with Success Coach or Advisor
April	Register for next term

2nd Fall			Hours
GIS	210	GPS and Imagery	3
CITC	1312	Intro to .Net Programming	3
BUSN	2365	Database Creation and Design	3
GEOL	1040	Physical Geology	4
TERM TOTAL			13

Action Items

Sept	Complete Intent to Graduate with Faculty Advisor
Oct	Meet with Faculty Advisor
Nov	Register for next term

2nd Spring			Hours
GIS	230	Project Management	3
GIS	211	Internet Mapping	3

CITC		CITC Elective ¹ Any CITC course except 1300	3
PHIL	121	Elementary Ethics (Recommended) OR Humanities Elective	3
TERM TOTAL			12

Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
Mar	Begin job search using RaiderRecruit Meet with Faculty Advisor to discuss job search

2nd Summer			Hours
GIS	290	Directed Research	4
TERM TOTAL			4
TOTAL HOURS			60

¹Consult with your faculty advisor for the most appropriate course.

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

Health Information Technology

The field of health information management is rapidly growing with a predicted growth rate above average over the next ten years according to the Bureau of Labor Statistics. The health information management professional ensures completeness and accuracy of the patient record in all health care settings. Development of specialized skills needed to perform as a health information technician is the focus of the health information technology (HIT) program. The HIT degree program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). Students who successfully complete the degree requirements for the HIT degree program are eligible to sit for the national certification examination to become a Registered Health Information Technician.

HIT107 or HIT 1010 Medical Terminology, HIT 102 Fundamentals of Health Information Management, and one additional general education course, are prerequisites for the degree program. Students must also obtain a grade of C or better in each required science course, as well as, each HIT course to be accepted and remain in either the DPC or HIT program.

Part time and full time academic plans are available for the HIT degree student.

1st Fall

ENGL	1010	Composition I	3
BIOL	2010	Human Anatomy and Physiology I ¹	4
HIT	102	Fundamentals of Health Information Management ²	3
INFS	1010	Computer Applications OR Computer Science Elective	3
TERM TOTAL			13

Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Register for next term

1st Spring

BIOL	2020	Human Anatomy and Physiology II ¹	4
HIT	107	Medical Terminology ²	3
PHIL	121	Elementary Ethics (Recommended) OR Humanities Elective	3
PSYC	1030	General Psychology (Recommended) OR Social Science Elective	3
TERM TOTAL			13

Action Items

Mar	Meet with Success Coach or Advisor
April	Complete AHS Application in Raidernet by application deadline* Register for next term

2nd Fall

HIT	103	Diagnosis Coding and Classification Systems	3
HIT	113	Legal Aspects of Health Information ³	2
HIT	222	Pathology and Clinical Interpretations	4
TERM TOTAL			9

Action Items

Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term
Nov	Register for next term

2nd Spring

HIT	104	Procedure Coding and Classification Systems	2
HIT	112	Coding Professional Practice Experience	1
HIT	130	CPT Coding	3
HIT	140	Medical Office Procedures	2
TERM TOTAL			8

Action Items

Mar	Meet with Faculty Advisor
April	Register for next term
May	Complete drug screening and background check

3rd Fall

HIT	217	Principles of Healthcare Administration	3
HIT	231	Professional Practice Experience I	3
HIT	251	Coding for Reimbursement	4
TERM TOTAL			10

Action Items

Oct	Meet with Faculty Advisor and complete Intent to Graduate
Nov	Register for next term

3rd Spring

HIT	106	Health Data Systems	3
HIT	221	Advanced Health Info Procedures	3
HIT	232	Professional Practice Experience II	2
HIT	242	Automated Health Information Systems	3
HIT	260	Seminar in Health Information Mgmt	2
TERM TOTAL			13

Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
Mar	Begin job search using RaiderRecruit

TOTAL HOURS **66**

¹Recommended to be completed prior to acceptance.

²An open course that may be taken by any student and is required to be completed prior to acceptance.

³May be taken prior to being accepted into the program.

***Program Application Deadline:** (A.A.S. Degree)—May 15 (Fall Semester); October 31 (TN eCampus)

Only HIT courses which were completed within three years prior to applying for admission or readmission will be considered for credit toward graduation. This does not apply to open enrollment HIT courses.

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

Mechatronics Technology

The Associate of Applied Science degree in Mechatronics Technology prepares students for positions in the high tech manufacturing workplace through a combination of courses in electrical systems, mechanical systems and motors, hydraulics, pneumatics and Programmable Logic Controllers (PLCs). The program is aligned with two major industry certifications (Siemens 1 and 2). Students have the option (through technical electives) to earn additional certifications in robotics (FANUC CERT) and in Industrial Safety (OSHA 30-hour), and in LabVIEW programming (Certified LabVIEW Associate Developer, CLAD).

1st Fall

ENGL	1010	Composition I	3
MECH	1100	Electrical Components	3
MECH	1200	Mechanical Components and Electrical Motors	3
WELL	1010	Lifetime Wellness (Recommended) OR Social/Behavioral Science Elective	3
CMAT	1110	Practical Injection Molding (Recommended) OR Technical Elective ¹	3
TERM TOTAL			15

Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Register for next term

1st Spring

MECH	1300	Electro-Pneumatic and Hydraulic Control Circuits	3
MECH	1500	Digital Fundamentals and Programmable Logic Controllers	3
MATH	1130	College Algebra (Recommended) OR Mathematics Elective	3
PHIL	1030	Intro to Philosophy (Recommended) OR Humanities Elective	3
MECH	1050	Industrial Robotics (Recommended) OR Technical Elective ¹	3
TERM TOTAL			15

Action Items

Mar	Meet with Success Coach or Advisor
Apr	Register for next term
May	Register for Siemens Level 1 Mechatronics Assistant Certification Exam

2nd Fall

MECH	2100	Process Control Technology	4
MECH	2200	Intro to Tot. Integrated Automation	4
MECH	2300	Automation Systems	4
PHYS	2010	Non-calculus Based Physics I (Recommended) OR Natural Science Elective	3-4
TERM TOTAL			15-16

Action Items

Oct	Meet with Faculty Advisor and Complete Intent to Graduate
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Nov Register for next term

2nd Spring

MECH	2400	Motor Controls	4
MECH	2500	Mechanical Components & Systems	4
MECH	2600	Manufacturing Process	4
MECH	1600	Programming with LabVIEW (Recommended) OR Technical Elective ¹	3
TERM TOTAL			15

Action Items

Feb	Take Exit Exam ETS Proficiency Profile
Mar	Begin job search using RaiderRecruit
May	Register for Siemens Level 2 Mechatronics Associate Certification Exam

TOTAL HOURS

60-61

¹Technical Elective - *Selected from the following- approved by advisor*

CMAT	2100	Intro to Injection Molding (3 cr.)
MECH	1050	Industrial Robotics (3 cr.)
MECH	1140	CAD for Mechatronics (3 cr.)
MECH	1150	Autonomous Robotics (3 cr.)
MECH	1160	Industrial Safety(3 cr.)
MECH	1400	Computer Integrated Manufacturing (3 cr.)
MECH	1600	Programming with LabView (3 cr.)
MECH	1950	Internship in Mechatronics (1-3 credits)
MECH	2650	Internship in Mechatronics (1-3 credits)

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

Students pursuing Mechatronics Technology will be advised by the Mathematics and Sciences Division.

Medical Informatics

The Medical Informatics program will provide a pathway for students who are interested in a career in Medical Informatics as either a technician or a developer. The discipline-specific courses offered during the first year will be the same for either specialty track and required for the medical informatics career options in the second year. Following the first year and upon acceptance into the program, students will select which specialty track they wish to pursue.

Students completing this program will not only meet all prerequisites to continue their education to become a medical informatics professional, they will have earned an Associate of Applied Science degree in Medical Informatics.

Developer Specialty Track

1st Fall			Hours
ENGL	1010	Composition I*	3
INFS	1010	Computer Applications*	3
BIOL	2010	Anatomy and Physiology I*	4
HIT	102	Fundamentals of Health Information Technology*	3
HIT	107	Medical Terminology*	3
TERM TOTAL			16

Action Items

- Sept Meet with Success Coach or Advisor
- Oct Complete Allied Health Sciences application
Complete FAFSA for upcoming fall term
- Nov Register for next term

1st Spring			Hours
CITC	1303	Database Concepts	3
BIOL	2020	Anatomy and Physiology II	4
CITC	1300	Beginning HTML and CSS	3
HIT	113	Legal Aspects of Health Information Technology	2
HIT	140	Medical Office Procedures	2
TERM TOTAL			14

Action Items

- Mar Meet with Success Coach or Advisor
- April Register for next term

2nd Fall			Hours
HIT	103	Diagnosis Coding and Classifications	3
PHIL	121	Elementary Ethics (Recommended) OR Humanities Elective	3
PSYC	1030	General Psychology (Recommended) OR PSYC 2130 Lifespan Psychology	3
WEB	2300	JavaScript	3
		Track Elective ¹	3
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor

- Oct Complete FAFSA for upcoming fall term
- Nov Register for next term

2nd Spring			Hours
CITC	2344	Database SQL Programming	3
CITC	1333	Linux LPIC-I	3
		Track Electives ¹	6
		Faculty Advisor Approved Elective ²	3
TERM TOTAL			15

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Begin job search using RaiderRecruit

TOTAL HOURS 60

* Courses required to be completed prior to admission to the program. A grade of "C" or better is required.

¹ Students accepted into the Medical Informatics Program will choose from the Developer or Technician Track for completion of the degree.

Courses required for the Developer Track Electives include: CITC 1310 - Programming I, CITC 1311- Programming II, and CITC 1312- Intro to .NET Programming.

Courses required for the Technican Track Electives include: CITC 1321 - A+ Hardware, CITC 1302 - Intro to Networking, and CITC 2399 - Internship.

² The faculty advisor approved elective is required and can be used to take an additional CISP or HIT course to meet a students's academic and professional goals. Students should consult with their faculty advisor for acceptable courses. A course substitution will be required for graduation.

Students must also obtain a grade of C or better in each required science course, as well as, each HIT course to be accepted and remain in the Medical Informatics Program.

Program application deadline: October 31 (for Spring term admission), May 15 (for Fall term admission)

Students pursuing this option will be advised by the Allied Health Sciences Division.

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

Technician Specialty Track**TOTAL HOURS****60**

1st Fall			Hours	* Courses required to be completed prior to admission to the program. A grade of "C" or better is required.
ENGL	1010	Composition I*	3	
INFS	1010	Computer Applications*	3	
BIOL	2010	Anatomy and Physiology I*	4	¹ The faculty advisor approved elective is required and can be used to take an additional CISP or HIT course to meet a students's academic and professional goals. Students should consult with their faculty advisor for acceptable courses. A course substitution will be required for graduation.
HIT	102	Fundamentals of Health Information Technology*	3	
HIT	107	Medical Terminology*	3	Students must also obtain a grade of C or better in each required science course, as well as, each HIT course to be accepted and remain in the Medical Informatics Program.
TERM TOTAL			16	
Action Items				
	Oct	Meet with Success Coach or Advisor Complete Allied Health Sciences application Complete FAFSA for upcoming fall term		Program application deadline: October 31 (for Spring term admission), May 15 (for Fall term admission)
	Nov	Register for next term		Students pursuing this option will be advised by the Allied Health Sciences Division.
1st Spring			Hours	
CITC	1303	Database Concepts	3	This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.
BIOL	2020	Anatomy and Physiology II	4	
CITC	1300	Beginning HTML and CSS	3	
HIT	113	Legal Aspects of Health Information Technology	2	
HIT	140	Medical Office Procedures	2	
TERM TOTAL			14	
Action Items				
	Mar	Meet with Success Coach or Advisor		
	April	Register for next term		
2nd Fall			Hours	
HIT	103	Diagnosis Coding and Classifications	3	
CITC	1321	A+ Hardware	3	
CITC	1302	Introduction to Networking	3	
PSYC	1030	General Psychology (Recommended) OR PSYC 2130 Lifespan Psychology	3	
WEB	2300	JavaScript	3	
TERM TOTAL			15	
Action Items				
	Sept	Meet with Faculty Advisor Complete Intent to Graduate form		
	Oct	Complete FAFSA for upcoming fall term		
	Nov	Register for next term		
2nd Spring			Hours	
CITC	2344	Database SQL Programming	3	
CITC	1333	Linux LPIC-I	3	
PHIL	121	Elementary Ethics (Recommended) OR Humanities Elective	3	
CITC	2399	Internship	3	
		Advisor Approved Elective ¹	3	
TERM TOTAL			15	
Action Items				
	Feb	Take Exit Exam (ETS Proficiency Profile)		
	Mar	Begin job search using RaiderRecruit		

Nursing

The Associate of Applied Science degree program in Nursing emphasizes patient-centered approaches to nursing care. The graduate nurse is able to provide highly skilled nursing care for patients and families in a variety of health care delivery settings. The program of learning includes the study of clinical application of nursing theory and principles. The graduate is eligible to apply to take the NCLEX examination to become a registered nurse.

Admission Policies for Associate of Applied Science

The RSCC Academic Council has established (for both beginning and transfer students) the following requirements in considering applicants for admission into the Associate of Applied Science Degree Nursing Program.

- I. Applicants must:
 - A. Apply and be accepted to RSCC.
 - B. Submit high school transcripts or GED equivalent and transcripts of all previous college work to the Admissions and Records Office.
 - C. Take the ACT exam (for applicants under 21 years of age).
 - D. Satisfy any required Learning Support competencies prior to the application deadline to the nursing program as determined by the requirements specified in the Admission Requirements of the RSCC catalog under "General Student Classifications."
 - E. Pass the nursing pre-admission test by the application deadline. Pre-admission testing for entrance into the Nursing program is waived for those applicants with a previously earned associate degree or above from an accredited college (SACSCOC or equivalent accrediting body.)
- II. In addition to requirements above, applicants must meet requirement A, B and C below prior to the published application deadline (pending TBR approval)
 - A. Complete at least 13 of the 27 required credit hours of Nursing general education courses including: ENGL 1010, MATH 1530, BIOL 2010, and PSYC 1030 or a guided elective (3 cr.) to be selected from ENGL 1020, PSYC 2130 or SPCH 1010.
 - B. Complete the required general education courses with a grade of "C" or above.
 - C. Achieve a 2.75 GPA (GPA is calculated only on the required general education courses).
 - D. Licensed Practical Nurses may be admitted by fulfilling the following:
 1. Meet requirements A, B, C, and D in the above Section I.
 2. Meet requirements A, B, and C in Section II.
 3. Pass a proficiency exam.
- III. Only nursing specialty courses which were completed within three years prior to applying for admission or readmission will be considered. Science courses more than five (5) years old will not be considered. (pending TBR approval)
- IV. An information session will be scheduled in early summer (date to be published) for all accepted students. Students will receive information about health requirements, background checks, CPR, uniforms and other program requirements. Students will be permitted to register for nursing classes after attending the information session.
- V. A mandatory orientation to the nursing program will be scheduled prior to the first day of classes. Prior to this orientation students must submit:
 - A. A completed physical examination providing evidence of physical status necessary for practice in all areas of nursing care.
 - B. Proof of current CPR certification that includes one-person, two-person and infant and child CPR (Health Care Provider).
 - C. Evidence of background check and urine drug screening.
 - D. Students who do not attend this orientation and submit physical examinations and proof of CPR certification by the first day of class will be withdrawn from the program.
- VI. Health/age:
 - A. Even though preliminary admission to the Nursing Program has been granted, a student will be required to undergo a physical exam/health verification before final admission to the program. Students will be required, during the course of the program to demonstrate their physical and/or emotional fitness to meet the essential requirements of the program. Such essential requirements include freedom from communicable diseases, the ability to perform certain tasks and suitable emotional fitness. Any appraisal measures used to determine such physical and/or emotional fitness will be in compliance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. Core performance standards for admission and progression which comply with the Americans with Disabilities Act of 1990 are listed in the catalog under Career Preparation Programs.
 - B. Students will be required to meet all health/age guidelines of the affiliating agencies. For example, health insurance may be required by some affiliating agencies. Not having health insurance could limit a student's educational experience. Students are responsible for costs incurred from injury or illness while in the Nursing Program.
- VII. Other
 - A. Criminal background checks and urine drug screens may be a requirement at affiliated clinical sites utilized for training in the nursing program. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the requirements of the Nursing Program. Students will be responsible for the costs of the background check and urine drug screens. Additionally, a criminal background may preclude licensure or employment. More information is available from the Nursing Division Dean or program director.
 - B. Students will be required to provide nursing care under supervision, for patients with infectious diseases. Any student refusing assignment to an infectious patient may be subject to dismissal from the program.
 - C. The applicant must report if any license in any health care field has been suspended, revoked or denied.
 - D. Additional testing and counseling may be recommended on an individual basis.
 - E. The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Division Dean and the

office of the Dean of Student Services and Multicultural Affairs. Please refer to the nursing handbook for further information. Failure to correct the problem will result in termination from the Nursing Program.

- F. There are additional expenses for the nursing program. Uniforms are required. Financial Aid may be available. Questions should be directed to the Financial Aid office.

The Nursing Admissions Committee considers all eligible applicants and recommends applicants for acceptance into the Nursing Program. Students who have not met minimum requirements will not be considered. All students meeting minimum criteria will be considered competitively, using the published applicant ranking tool. It will be to the applicant's benefit to complete as many general education courses as possible by application deadline. The earlier application date will also be considered if other criteria are equal. MEETING MINIMUM REQUIREMENTS DOES NOT GUARANTEE ACCEPTANCE. Preference will be given to Tennessee residents.

Transferring Nursing Students

RSCC General Student classification admission policies for transfer students apply to transferring nursing students. Students wishing to transfer nursing credits must meet RSCC general admissions requirements. Nursing Program admission requirements must also be met with the exception of the nursing pre-admission test. A letter of recommendation including evidence of clinical and lab competency must be submitted from the director of the previous nursing program. The student must be eligible to progress in their previous program. No nursing courses earned in a school of practical nursing may be credited by transfer, although academic courses, if earned through a college or university, will be evaluated for transfer. Nursing courses from an ACEN accredited or state approved School of Nursing will be evaluated for transfer on an individual basis.

Retention Policies

1. The student must maintain a cumulative GPA of 2.0 or better. A "C" must be achieved in science, math and nursing courses in order to progress.
2. A student must satisfactorily complete each clinical rotation in order to continue in the program. A grade of "incomplete" must be removed prior to the first clinical day of the following semester in order to progress to the next nursing course.
3. The student must carry professional liability insurance while enrolled in nursing courses.
4. The student must maintain CPR Certification while enrolled in the nursing program.
5. The student must abide by the course and clinical policies as outlined in the Nursing Student Handbook. Failure to do so may result in dismissal from the program.

Readmission Procedures

1. Only one readmission to the nursing program is permitted. Readmission to the nursing program is also contingent upon the availability of space. Requirements for initial admission to the nursing program must be met in order for a student to be considered for readmission. Students with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the nursing faculty. Students seeking readmission to the nursing program must have an exit interview and state their intention in writing to the Dean of Nursing or Program Director. For fall readmission, the exit interview and statement are due by

April 1. For spring semester readmission, the exit interview and statement are due by October 1.

2. If two "D" grades or below are received in nursing courses, the student will be dismissed from the program and is not eligible for readmission into the nursing program.
3. Those students who fail to maintain a cumulative GPA of 2.0 may be considered for readmission to the nursing program only after removing all grades of less than "C" in required general education courses.
4. Students repeating nursing courses must repeat both theoretical, clinical, and laboratory components of the course.
5. Students readmitted who have not been continuously enrolled in clinical courses must submit a new criminal background check and physical exam form.
6. Readmitted students must complete all graduation requirements in effect for the program at the time of readmission.

Legal Limitations for Licensure

A graduate of an approved school of nursing who has been convicted of a violation of the law other than a minor traffic violation may be denied a nursing license. A graduate's eligibility for licensure is determined on an individual basis. Applicants for initial licensure in Tennessee must obtain a criminal background check no more than 6 months prior to making application. Information about this process is supplied to students in the final year of the program. The Tennessee Board of Nursing Web site has more detailed information about this requirement. Interested parties should consult the Board of Nursing Rules and Regulation.

Academic Advisement

Nursing faculty provide academic advisement for prospective nursing students as well as for those students admitted into the program. The faculty assist students with scheduling classes and dealing with academic concerns. Faculty members have office hours posted on their office doors. Students should contact a faculty member for advisement as needed. It is recommended that students experiencing academic difficulties make an appointment and discuss this with a faculty member as soon as possible.

Core Performance Standards for Admission and Progression

The Roane State Community College Nursing Program has adopted the following core performance standards. Admission to and progression in the nursing program is not based on these standards, rather they will be used to assist each student in determining whether accommodations or modifications are necessary.

If a student believes that he or she cannot meet one or more of the standards without accommodations or modifications, the nursing program will determine, on an individual basis, whether or not the necessary accommodations or modifications can be made reasonably.

Below are the issues, standards and some examples of necessary activities:

Critical Thinking - Critical thinking ability for effective clinical reasoning and clinical judgement consistent with level of educational preparation. (Identification of cause/effect relationships in clinical situations. Use of scientific method in the development of patient care plans. Evaluation of the effectiveness of nursing interventions.)

Professional Relationships - Interpersonal skills sufficient for professional interactions with a diverse population of individuals, families, and groups. (Establishment of rapport with patients/clients and colleagues. Capacity to

engage in successful conflict resolution. Peer accountability.)

Communication - Communication adeptness sufficient for verbal and written professional interactions (Explanation of treatment procedures, initiation of health teaching, documentation and interpretation of nursing actions and patient/client responses.)

Mobility - Physical abilities sufficient for movement from room to room and in small spaces. (Movement about patient's room, work spaces, and treatment areas. Administration of rescue procedures - cardiopulmonary resuscitation.)

Motor Skills - Gross and fine motor abilities sufficient to providing safe, effective nursing care. (Calibration and use of equipment; Therapeutic positioning of patients.)

Hearing - Auditory ability sufficient for monitoring and assessing health needs. (Ability to hear monitoring device alarm and other emergency signals. Ability to discern auscultatory sounds and cries for help.)

Visual - Visual ability sufficient for observation and assessment necessary in patient care. (Ability to observe patient's condition and responses to treatments.)

Tactile Sense - Tactile ability sufficient for physical assessment. (Ability to palpitate in physical examinations and various therapeutic interventions.)

Accreditation

The Roane State Nursing Program is accredited by the Accreditation Commission for Education in Nursing (ACEN), Inc., 3343 Peachtree Road NE, Suite 850, Atlanta, GA, 30326 Phone: 404.975.5000 www.acenursing.org

Traditional Program Option

			Hours
1st Fall			
ENGL	1010	Composition I ¹	3
PSYC	2130	Lifespan Psychology ¹	3
BIOL	2010	Anatomy and Physiology I ^{1,2}	4
MATH	1530	Probability and Statistics (Recommended) OR College Algebra or higher-level math course ²	3
TERM TOTAL			13

Action Items

- Sept Take HESI Exam
- Oct Meet with Success Coach or Advisor to determine eligibility
Complete A.A.S. Nursing application
Complete FAFSA for upcoming fall term
- Nov Register for next term

			Hours
1st Spring			
SPCH	1010	Fundamentals of Speech	3
BIOL	2020	Anatomy and Physiology II ²	4
BIOL	2230	Microbiology ²	4
PHIL	121	Elementary Ethics (Recommended) OR Humanities Elective	3

TERM TOTAL **14**

Action Items

- Mar Meet with Success Coach or Advisor
- April Register for next term

2nd Fall **Hours**

NSG	105	Foundations of Nursing Practice	10
NSG	118	Pharmacology in Nursing	3

TERM TOTAL **13**

Action Items

- Oct Meet with Faculty Advisor
Complete FAFSA for upcoming fall term
- Nov Register for next term

2nd Spring **Hours**

NSG	107	Care of the Childbearing Family	3
NSG	109	Adult and Child Health I	6
NRSNG	1320	Women's Health and the Childbearing Family	3
NRSNG	1620	Medical-Surgical Nursing I	6

TERM TOTAL **9**

Action Items

- Mar Meet with Faculty Advisor
- April Register for next term

3rd Fall **Hours**

NSG	210	Adult and Child Health II	10
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TERM TOTAL **10**

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Register for next term

3rd Spring **Hours**

NSG	212	Psychosocial Nursing	4
NSG	215	Transitions to Nursing Practice	3

TERM TOTAL **7**

Action Items

- Mar Take Exit Exam (ETS Proficiency Profile)
Begin job search using RaiderRecruit
- Post Take Licensing Exam

TOTAL HOURS **66**

NOTE: Prior to the application deadline, a minimum of 13 of the 27 required credit hours of Nursing general education courses are **currently** required: BIOL 2010, MATH requirement, and PSYC 2130.

¹The requirements will be changing for students seeking admission into the Fall 2017 class. Courses to be completed prior to the application deadline are: ENGL 1010, BIOL 2010, MATH 1530, PSYC 1030 or a guided elective (3 cr.) to be selected from: ENGL 1020, SPCH 1010 or PSYC 2130. In addition, science courses cannot be more than five (5) years old.

²MATH 1530 is recommended for students planning to complete a BSN. A minimum grade of "C" is required prior to the application

deadline. MATH 1410 does not fulfill the math requirement.

Special articulation agreements exist for students who complete this program and wish to pursue a bachelor's degree. See <http://www.roanestate.edu/articulation> or call toll free at 1-866-462-7722 ext. 4597 or 865-882-4597 for more information.

With the exception noted above, this program is designed for students who plan to enter the field upon graduation.

Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

LPN Mobility Program Option

LPN Career Mobility may not be offered every year. Availability of this option is dependent upon the number of qualified applicants.

This program is designed to facilitate the achievement of a registered nurse level education by LPNs who qualify for admission. LPNs who wish to qualify for this program are required to pass the proficiency examination. The examination will cover fundamentals of nursing.

Examination scores are valid for three (3) years. Candidates who do not enter the program after three (3) years will be required to repeat the examination process.

Admission to the Career Mobility program is not automatic. Academic qualifications as well as test scores will be considered in the selection process. Admission is also contingent on available space in the program. Other admission, progression, readmission, and retention policies are the same as those for the Traditional nursing program.

A grade of "C" or better must be achieved in the required math and science courses. Science Courses must be less than 10 years old at time of admission to the Nursing Program.

Note: For students applying for admission into the program for Fall 2017, the Admissions policy will change where Science courses cannot be more than 5 years old. (*Pending TBR approval*)

1st Fall

BIOL	2010	Anatomy and Physiology I ¹	4
ENGL	1010	Composition I	3
MATH	1530	Probability and Statistics ^{1,3} (Recommended) OR MATH 1130-College Algebra or higher level math ^{1,3}	3
PSYC	2130	Lifespan Psychology ¹	3
Term Total			13

Action Items

Sept	Take LPN Challenge Exam
Oct	Meet with Success Coach or Faculty Advisor Complete FAFSA for upcoming fall term
Nov	Register for next term
Dec	Complete Nursing application in RaiderNet

1st Spring

BIOL	2020	Anatomy and Physiology II ²	4
SPCH	1010	Fundamentals of Speech	3

PHIL	121	Elementary Ethics (Recommended) OR Humanities Elective	3
Term Total			10

Action Items

Mar	Meet with Success Coach or Faculty Advisor
Apr	Register for next term

2nd Fall

NSG	108	Care of the Childbearing Family	3
NSG	126	Pharmacology in Nursing	3
Term Total			6

Action Items

Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term
Nov	Register for next term

2nd Spring

NSG	110	Adult and Child Health I	6
BIOL	2230	Microbiology	4
Term Total			10

Action Items

Mar	Meet with Faculty Advisor
April	Register for next term

3rd Fall

NSG	211	Adult and Child Health II	10
Term Total			10

Action Items

Oct	Complete Intent to Graduate with Faculty Advisor
Nov	Register for next term

3rd Spring

NSG	213	Psychosocial Nursing	4
NSG	217	Transitions to Nursing Practice	3
NSG	105	Foundations of Nursing Practice ²	
Term Total			7
Term Total			7 12

Action Items

Feb	Pay Credit by Proficiency fee in Business Office Take Exit Exam		
Mar	Begin job search using RaiderRecruit LPN Challenge Exam Credit ³	10	
Total Hours			66

¹Prior to the application deadline, a minimum of 13 of the 27 required credit hours of the Nursing general education courses must be completed and the following are required: BIOL 2010, MATH requirement, and PSYC 2130.

²Strongly recommend completion of BIOL 2020 prior to taking nursing courses.

³NSG 105- Foundations of Nursing Practice- 10 credits, to be awarded on RSCC transcript for LPN Challenge Exam.

⁴ MATH 1530 is recommended for students planning to complete a BSN. MATH 1410 does not meet the math requirement.

NOTE: The requirements will be changing for student seeking admission into the Fall 2017 class. Courses to be completed prior to the application deadline are: ENGL 1010, BIOL 2010, MATH 1530, PSYC 1030 or a guided elective (3 cr.) to be selected from: ENGL 1020, SPCH 1010 or PSYC 2130. (*pending TBR approval*)

Academic Advisement: Student pursuing this option will be advised by the Nursing Division. A mandatory orientation to the Nursing Program will be scheduled prior to the first day of nursing classes.

Occupational Therapy Assistant

The Occupational Therapy Assistant (OTA) is a health professional who uses purposeful activity to enhance functional abilities of individuals limited by physical injury or illness, psychosocial dysfunction, developmental or learning disabilities, poverty and cultural differences, or the aging process. The OTA works under the supervision of an occupational therapist (OT) and collaborates with others to maximize independence, prevent disability, and maintain the health of individuals who require services. Students are trained in the skills and techniques necessary to participate in assessment and treatment in accordance with the occupational therapy plan of care.

In addition to meeting the general requirements for the college and the Allied Health Sciences programs, applicants to the Occupational Therapy Assistant (OTA) program must:

1. Obtain a minimum GPA of 2.5 in the general education courses included in the OTA degree plan.
2. Complete eight (8) observational or volunteer hours in two (2) different practice settings and submit a recommendation form from each of the two (2) supervisors. Supervisors who complete the recommendation form must be either an OT or OTA with a minimum of one (1) year of clinical experience and may not be related to the applicant.
3. Ensure that all application materials are received by the March 31 application deadline.
4. If selected, participate in an interview with OTA program representatives. Students will receive notification of the interview through their RaiderNet email.

Up to twenty (20) students are typically admitted to the traditional program. Up to ten (10) qualified students may be admitted through the East TN Alliance. Students seeking admission through the East TN Alliance must be a current or former student of Chattanooga State Community College.

The OTA curriculum includes a blend of online and hybrid courses coupled with face-to-face labs. All students are required to travel to the Oak Ridge campus one day per week for labs. Level I and Level II fieldwork experiences are completed in community-based practice settings. Placement decisions are based on factors such as site availability, alignment with program philosophy, and geographic proximity to the student.

NOTE: All OTA students must complete Level II Fieldwork within 18 months following completion of academic preparation.

Graduates of the program will be able to sit for the national certification examination for the occupational therapy assistant administered by the National Board for Certification of Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be a Certified Occupational Therapy Assistant (COTA). Initial certification is a requirement for licensure in all states.

NOTE: A felony conviction may affect a graduate's ability to sit for the NBCOT certification examination.

Roane State Community College's OTA program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720

Montgomery Lane, P.O. Box 31220, Bethesda, MD 20824-1220. (301) 652-AOTA.

1st Fall			Hours
ENGL	1010	Composition I	3
BIOL	2010	Human Anatomy and Physiology I	4
PSYC	2130	Life Span Psychology	3
PHIL	121	Elementary Ethics (Recommended) OR Humanities Elective	3
TERM TOTAL			13

Action Items

Oct	Meet with Success Coach or Advisor Attend OTA Group Advising Complete FAFSA for upcoming fall term
Nov	Register for next term Apply to OTA Program through RaiderNet
Dec	Schedule OTA Observations

1st Spring			Hours
BIOL	2020	Human Anatomy and Physiology II	4
PSYC	2230	Abnormal Psychology	3
TERM TOTAL			7

Action Items

Feb	Submit recommendation forms before OTA deadline
Mar	Meet with Success Coach or Advisor
April	Register for next term

1st Summer			Hours
OTAP	1110	OTA Program Orientation (required for those accepted to the program)	1
TERM TOTAL			1

Action Items

June	Must take this online course in summer session IF admitted to OTA Program
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2nd Fall			Hours
ALH	118	Terminology for Medical Communication	2
OTA	102	Introduction to Occupational Therapy	2
OTA	107	Therapeutic Activities	3
OTA	121	Level I Physical Disability Fieldwork	2
OTA	124	Human Movement	3
TERM TOTAL			12

Action Items

Aug	Participate in Virtual Orientation to Adobe Connect Attend on-campus New OTA Student Orientation
Oct	Complete FAFSA for upcoming fall term
Nov	Register for next term

2nd Spring			Hours
OTA	110	Psychosocial Disabilities	5
OTA	115	Level I Psychosocial Fieldwork	2
OTA	117	Neurological Theory and Treatment	5

		TERM TOTAL	12
Action Items			
	April	Register for next term	
3rd Fall			Hours
OTA	210	Theory and Treatment of Physical Dysfunction	5
OTA	212	Occupational Therapy Management	2
OTA	216	Pediatric Theory and Treatment	5
		TERM TOTAL	12
Action Items			
	Sept	Complete Intent to Graduate with Faculty Advisor	
3rd Spring			Hours
OTA	221	Level II Fieldwork - Placement 1	6
OTA	226	Level II Fieldwork - Placement 2	6
		TERM TOTAL	12
Action Items			
	Feb	Take Exit Exam (ETS Proficiency Profile)	
	May	Begin job search using RaiderRecruit	
		Register for NBCOT exam to take certification exam	
		Apply for state licensure	
		TOTAL HOURS	69

¹Applicants are advised to complete general education requirements prior to seeking admission to the OTA program.

²Students who are required to take 12 credit hours for federal financial aid are advised to take ALH 118 in the first semester of the first year in the OTA program. Note: Completion of ALH 118 prior to admission does NOT influence admission points.

Program Application Deadline: March 31

This program is designed for students who plan to enter the workforce upon graduation. It is not intended as a transfer pathway into an occupational therapy program. Students who intend to transfer to a four-year institution should follow the TN Transfer Pathway in Pre-Occupational Therapy

Opticianry

The Opticianry program is a two-year associate of applied science degree career preparation program. Graduates of this program will be eligible to sit for the Tennessee State Board Licensing Examination in Ophthalmic Dispensing and the national board certification examinations. The total educational program will include general studies, technical, and field work components.

Opticians are licensed professionals who design and fit glasses, contact lenses and other specialized optical devices, based on the doctor's prescription and the patient's visual needs. Fashion is also a factor in designing eyewear.

The Opticianry program is nationally accredited by the Commission on Opticianry Accreditation.

Admission to the program is required prior to enrolling in any OPT course. Courses must be taken in sequence. All professional opticianry courses are taught at the main campus in Harriman.

1st Fall			Hours
ENGL	1010	Composition I	3
OPT	101	Introduction to Opticianry	4
OPT	143	Anatomy and Physiology of the Eye	4
MATH	1130	College Algebra (Recommended) OR Mathematics Elective	3
TERM TOTAL			14

Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Register for next term

1st Spring			Hours
OPT	110	Ophthalmic Dispensing I	4
OPT	120	Ophthalmic Materials I	4
OPT	123	Geometric Optics for Opticians	3
OPT	130	Contact Lenses I	4
TERM TOTAL			15

Action Items

Mar	Meet with Success Coach or Advisor
April	Register for next term

1st Summer			Hours
OPT	140	Practicum	1
SPCH	1010	Fundamentals of Speech	3
ARTH	1030	Art Appreciation (Recommended) OR Humanities Elective	3
TERM TOTAL			7

2nd Fall			Hours
OPT	210	Ophthalmic Dispensing II	4
OPT	220	Ophthalmic Materials II	4
OPT	230	Contact Lenses II	4
BUSN	1305	Introduction to Business (Recommended) OR Business Elective ¹	3
TERM TOTAL			15

Action Items

Sept	Complete Intent to Graduate with Faculty Advisor
Oct	Meet with Faculty Advisor
Nov	Register for next term

2nd Spring			Hours
OPT	260	Ophthalmic Dispensing III	4
OPT	270	Ophthalmic Materials III	4
OPT	280	Contact Lenses III	4
PSYC	1030	General Psychology (Recommended) OR Social/Behavioral Science Elective	3
TERM TOTAL			15

Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
Mar	Begin job search using RaiderRecruit

TOTAL HOURS **66**

¹Business elective may be chosen from the following: ACCT 1010, BUSN 1305, 1330 or 1380.

Program Application Deadline: May 15

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their faculty advisor and the four-year institution regarding specific transfer of courses.

Paralegal Studies

ABA Approved

A legal assistant or paralegal is a person qualified by education, training or work experience who is employed or retained by a lawyer, law office, corporation, governmental agency or other entity who performs specifically designated substantive legal work for which a lawyer is responsible. (American Bar Association Standing Committee on Legal Assistants.)

The paralegal studies program is designed to prepare students to be proficient in paralegal duties and responsibilities. Students who complete this curriculum will be able to apply basic legal concepts and become familiar with Tennessee’s court system and its substantive and procedural laws. Competency objectives include skills in legal ethics, research, writing, problem solving, and communication. Students will participate in an internship for practical experience. Admission to this program will require students to meet the minimum course standards for other two-year technical degree programs.

Roane State’s Paralegal Studies program supports the general principles of ethical legal practice, professional responsibility, and the prohibition against the unauthorized practice of law by non-lawyers (including paralegals).

The objectives of the Paralegal Studies program are to educate and make students proficient in the following areas: legal ethics, procedural law, substantive law, and working in a legal environment.

These objectives are met by requiring students to complete (1) legal introductory courses; (2) legal specialty courses; and (3) a required internship and by exposing them to (4) quality instruction in each of these areas that promotes mastery of the procedural aspects of legal work. Upon completion of the Paralegal Studies program, students will be able to: recognize, evaluate, and appropriately respond to ethical dilemmas; perform legal research tasks; perform legal writing tasks (including pleading, briefs, correspondence, real property documents, bankruptcy documents, business organization documents, and internal memoranda); interview clients and witnesses; investigate legal matters; work closely with supervising attorneys in a wide variety of substantive legal matters; and quickly familiarize themselves with and work well in a variety of legal office settings.

After successful completion of coursework within the major, all students will be required to take a final comprehensive exam to measure program competency achievement. The exam is designed to determine to what degree students have achieved program objectives and competencies. Students should demonstrate a minimal level of competence to satisfy the requirements to graduate. Graduates of this program will be eligible to sit for the National Association of Legal Assistants (NALA) certified legal assistant exam.

1st Fall			Hours
ENGL	1010	Composition I	3
LEGL	1300	Introduction to the Legal Profession and Ethics	3
LEGL	1305	Survey of American Law	3
LEGL	1320	Legal Research	3
SPCH	1010	Fundamentals of Speech	3
TERM TOTAL			15

Action Items

- Aug Attend Paralegal Studies Orientation
- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Register for next term
- Dec Join Paralegal Association - See advisor for info

1st Spring			Hours
ENGL	1020	Composition II	3
LEGL	1330	Legal Writing	3
LEGL	1360	Criminal Law	3
LEGL	1370	Trusts and Estates	3
MATH	1530	Probability and Statistics (Recommended) OR Mathematics Elective OR Natural Science Elective	3-4
TERM TOTAL			15-16

Action Items

- Mar Meet with Success Coach or Advisor
- April Register for next term

1st Summer			Hours
LEGL	2390	Legal Internship	3
TERM TOTAL			3

2nd Fall			Hours
INFS	1010	Computer Applications (Recommended) OR HIT 107 Medical Terminology	3
LEGL	1340	Family Law	3
LEGL	1350	Torts	3
LEGL	2380	Civil Litigation Skills I Humanities Elective	3
TERM TOTAL			15

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Register for next term

2nd Spring			Hours
LEGL	2315	Legal Environment of Business for Paralegals	3
LEGL	2340	Property Law	3
LEGL	1315	Technology in the Law Office	3
SOCI	1010	Introduction to Sociology (Recommended) OR SOCI 2110 Cultural Anthropology	3
TERM TOTAL			12

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact advisor to complete program exit exam
- Apr Begin job search using RaiderRecruit

TOTAL HOURS			60-61
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¹ Students must complete all Math Learning Support requirements before degree will be awarded.

Students pursuing this option will be advised by the Social Science, Business and Education Division.

The maximum number of credit hours of legal specialty courses a student may transfer to the Associate of Applied Science degree in Paralegal Studies is fifteen (15) credit hours. The legal specialty credit hours to be transferred must have been earned from a fully accredited institution of higher learning and must be approved by the program director to ensure that the credit can be classified as legal specialty and is comparable to course work offered within the program. The Paralegal Studies program does not award legal specialty credit by examination.

Graduates of the paralegal program are encouraged to continue their education, and transfer agreements are in place enabling A.A.S. Paralegal Studies graduates to continue their education at the University of Tennessee-Chattanooga, Middle Tennessee State University and Tusculum College. For more information concerning transfer of courses, please contact the program director.

With the exceptions noted above, this program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

Physical Therapist Assistant

The Physical Therapist Assistant (PTA) Program prepares students to assist the supervising physical therapist in providing physical therapy care. The 1+1 curriculum design includes the equivalent of one year of general education coursework and a second year of physical therapy technical courses. All first-year program prerequisites must be completed prior to being considered for admission into the second year. The program is competitive and draws many applicants. A maximum of twenty students are selected based on academic performance, recommendation scores (based on clinical observation assignment as a part of ALH 102-Introduction to Physical Therapy) and interview scores. Those not accepted can apply for the following year or seek advisement on other possible career options.

Once accepted into the PTA program, the student begins the second year (technical phase) which includes academic and laboratory components taught at the Oak Ridge campus, and clinical components located in regional healthcare facilities. The second year requires full-time participation and lasts one calendar year from August to August. Second year students will be required to attend an orientation session and be certified (and maintain certification) in Basic First Aid and Basic Life Support for Healthcare Providers (CPR) through the American Heart Association prior to the start of classes. Classes taken during the second year must be taken in sequence and require a full-time course load. During the second year, students may be required to travel within the East Tennessee region to clinical facilities.

In addition to general entrance requirements for the Allied Health Sciences programs, the applicants for the PTA program must:

1. Complete all first-year general education courses (prerequisites) by the program application deadline.
2. Submit all admission materials, including applications, final transcripts and spring semester grades by May 15th of the year applying. Those applicants who fail to have documents in by the deadline will not be considered in the applicant pool.
3. Obtain a cumulative GPA of 2.5 or better in the required general education courses for the program.
4. Obtain a "C" or better in each of the required first year general education courses.
5. Complete 12 hours of clinical observation under the supervision of a licensed PT or PTA (completed in ALH 102-Intro to Physical Therapy)
6. If selected, participate in an interview with PTA program representatives. Students will receive notification of the interview through their RaiderNet email.

1st Fall			Hours
ENGL	1010	Composition I	3
BIOL	2010	Human Anatomy and Physiology I	4
MATH	1530	Probability and Statistics non-Calculus based	3
ALH	102	Introduction to Physical Therapy	2
TERM TOTAL			12

Action Items		
Oct	Meet with Success Coach or Advisor Attend Group Advising Session Complete FAFSA for upcoming fall term	
Nov	Register for next term	

1st Spring			Hours
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PHIL	201	Elementary Ethics (Recommended) OR PHIL 1030 Introduction to Philosophy OR PHIL 121 Introduction to Religions of the World	3
BIOL	2020	Anatomy and Physiology II	4
PSYC	2130	Life Span Psychology (Recommended) OR PSYC 1030 General Psychology	3
ALH	118	Terminology for Medical Communications	2
PHED		PHED Elective	1
TERM TOTAL			13

Action Items		
Jan	Apply to PTA Program through Raidernet	
Mar	Meet with Success Coach or Advisor	
April	Register for next term	
Post	Interview for PTA Program Candidates Accepted Informational meeting for accepted students	

2nd Fall			Hours
PTA	121	Kinesiology	3
PTA	151	Therapeutic Modalities	5
PTA	141	Patient Care Techniques	4
PTA	238	Clinical Preparation I	2
TERM TOTAL			14

Action Items		
Aug	Mandatory orientation for new candidates	
Sept	Complete criminal background check and CPR Complete Intent to Graduate with Faculty Advisor	
Nov	Register for next term	

2nd Spring			Hours
PTA	214	Treatment of Medical and Surgical Conditions	3
PTA	235	Advanced Physical Therapy Procedures I	6
PTA	236	Advanced Physical Therapy Procedures II	6
PTA	239	Clinical Preparation II	2
TERM TOTAL			17

Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Apply for Tennessee License Register for Summer term	
May	Register to take NPTE	

2nd Summer			Hours
PTA	244	Seminar	1
PTA	256	Clinical Education I	5
PTA	257	Clinical Education II	5
TERM TOTAL			11

Action Items		
July	Take NPTE Begin job search using RaiderRecruit	

TOTAL HOURS**67****Program Deadline: May 15**

Students pursuing this program will be advised by the Allied Health Sciences Division.

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

The Physical Therapist Assistant Program at Roane State Community College is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 1111 North Fairfax Street, Alexandria, Virginia 22314; telephone: (703) 706-3245; email: accreditation@apta.org; website: <http://www.capteonline.org>

Radiologic Technology

The radiographer is a health care professional that performs radiographic procedures that provide information to assist in the diagnosis and treatment of the patient. The Radiologic Technology Program consists of five semesters of full-time study which includes supervised clinical coursework in a radiology department. The program is affiliated with 17 area hospitals. Each student will be assigned to a variety of clinical sites during the two years of clinical coursework. Clinical experiences will include evening rotations.

Applicants for the program may begin working on the general education courses at any time. The professional courses must be taken in sequence and are offered only at the Oak Ridge Branch Campus except for the clinical courses.

Along with the general entrance requirements of the Allied Health Sciences programs, the applicants for Radiologic Technology Program must also:

1. Submit all admission materials including applications and transcripts by March 31st of the year you are applying. Applicants who fail to have documents in by the deadline will not be considered for admission.
2. Obtain a GPA of 2.5 or better in the required courses.
3. Obtain a "C" or better in each required course.
4. Complete 8 hours of clinical observation under the supervision of a registered radiologic technologist in a diagnostic radiology department. A completed observation form must be submitted to the program director prior to the application deadline. The form for documentation of observation hours may be obtained on the program's webpage.

The Radiologic Technology Program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT) 20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-3182; (312) 704-5300; www.jrcert.org. Graduates of the program are eligible to take the certification examination administered by the American Registry of Radiologic Technology.

1st Fall			Hours
ENGL	1010	Composition I	3
BIOL	2010	Human Anatomy and Physiology I ¹	4
ALH	103	Introduction to Radiologic Technology ²	2
MATH	1530	Probability and Statistics (Recommended)	3
		OR	
		MATH 1130, 1630, 1730 or higher level math course	
TERM TOTAL			12

Action Items

- Oct Meet with Success Coach or Advisor
Attend a group advising session
Complete FAFSA for upcoming fall term
- Nov Register for next term

1st Spring			Hours
BIOL	2020	Human Anatomy and Physiology II ¹	4
PHIL	121	Elementary Ethics (Recommended) OR Humanities Elective	3

PSYC	2130	Lifespan Psychology (Recommended) OR Social/Behavioral Science Elective	3
TERM TOTAL			10

Action Items

- Mar Meet with Success Coach or Advisor
Deadline to apply to the Rad Tech program³
- April Register for next term

2nd Fall			Hours
RDT	130	Imaging Acquisition and Quality Control	4
RDT	103	Image Analysis I	2
RDT	106	Clinical Education I	2
RDT	113	Radiographic Procedures I	4
TERM TOTAL			12

Action Items

- Oct Meet with Faculty Advisor
Complete FAFSA for upcoming fall term
- Nov Register for Spring and Summer terms

2nd Spring			Hours
RDT	107	Clinical Education II	2
RDT	110	Image Analysis II	2
RDT	114	Radiographic Procedures II	4
RDT	122	Principles of Radiographic Exposure	4
TERM TOTAL			12

Action Items

- Mar Meet with Faculty Advisor
- April Register for next term

2nd Summer			Hours
RDT	108	Clinical Education III	2
RDT	203	Image Analysis III	1
RDT	210	Radiographic Procedures III	3
TERM TOTAL			6

3rd Fall			Hours
RDT	206	Clinical Education IV	3
RDT	212	Radiographic Procedures IV	4
RDT	225	Radiation Physics	4
TERM TOTAL			11

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Register for next term

3rd Spring			Hours
RDT	207	Clinical Education V	3
RDT	215	Advanced Radiography	2
RDT	222	Radiation Biology and Protection	2
RDT	226	Radiation Science	3
RDT	227	Radiographic Pathology	2
TERM TOTAL			12

Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Begin job search using RaiderRecruit	
	TOTAL HOURS	75

¹These courses are prerequisites to all 200 level RDT courses.

²An open enrollment course available to any Radiologic Technology candidate.

³**Program Deadline:** March 31

This program is designed for students who do not intend to transfer to a baccalaureate degree program.

Advanced Standing Program (for registered technologists)

This program is designed for the technologist that is registered with the American Registry of Radiologic Technologists and is seeking to complete a degree in Radiologic Technology. Applicants must apply to the Allied Health Science Admissions Committee for official acceptance to the program. Applicants accepted to the program will be given course credit for the following Radiologic Technology courses after submitting a copy of the ARRT certificate to the program director and completion of the Credit by Proficiency form available in the Records Office.

The following courses will be assigned course equivalency:

ALH	103	Introduction to Radiologic Technology	2
RDT	103	Image Analysis I	2
RDT	106	Clinical Education I	2
RDT	107	Clinical Education II	2
RDT	108	Clinical Education III	2
RDT	110	Image Analysis II	2
RDT	113	Radiographic Procedures I	4
RDT	114	Radiographic Procedures II	4
RDT	122	Principles of Radiographic Exposure	4
RDT	130	Image Acquisition and Quality Control	4
RDT	203	Image Analysis III	1
RDT	206	Clinical Education IV	3
RDT	207	Clinical Education V	3
RDT	210	Radiographic Procedures III	3
RDT	212	Radiographic Procedures IV	4
RDT	215	Advanced Radiography	2
RDT	222	Radiation Biology and Protection	2
RDT	225	Radiation Physics	4
RDT	226	Radiologic Science	3
RDT	227	Radiographic Pathology	2
		TOTAL CREDIT AWARDED	55

The following courses are required:

BUSN	1380	Supervisory Management	3
ENGL	1010	Composition I	3
MATH	1130	College Algebra or Higher Level Math	3
		Humanities Elective	3

Physical Education Elective	1
Science Elective	4
Social Science Elective	3
ARRT Certification Credits	55
TOTAL SEMESTER HOURS	75

Students pursuing this program will be advised by the faculty in the Radiologic Technology Program.

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

Respiratory Therapy Technology

The Respiratory Therapy program prepares an individual to perform the staff responsibilities of the respiratory care profession. General education courses and respiratory care courses which include supervised clinical experience in area hospitals make up the building blocks of this exciting curriculum. All respiratory therapy courses are taught at the Knox County campus.

Along with the general entrance requirements of the Allied Health Sciences programs, the applicants for Respiratory Therapy must also:

1. Obtain a GPA of 2.75 or greater in the in the general education courses required in the Respiratory Therapy curriculum.
2. Complete BIOL 2010 Anatomy and Physiology I with a grade of "C" or better.
3. Obtain a "C" or better in each required science course.
4. Complete ten (10) hours of clinical observation in area respiratory therapy departments. Students should contact the program director for more information. A completed observation form must be sent back to the program director prior to the application deadline. The form for documentation of observation hours may be obtained from the Allied Health Sciences admissions technician, Admissions and Records Office or Respiratory Therapy faculty.
5. Only respiratory therapy courses which were completed within three years prior to applying for admission or readmission will be considered for transfer. Science courses more than ten (10)years old will not be considered.

Students that have been admitted into the program must attend an orientation to the Respiratory Therapy program prior to the first day of class. Students must submit physical examination forms at this time. Students who fail to attend orientation or submit physical examination forms and CPR certification may be dropped from the program. Proof of CPR certification must be submitted prior to beginning RTT 132.

All students must pass a mock written registry to graduate from RSCC. Upon graduation, students are eligible to take the credentialing examinations offered by the National Board of Respiratory Care. The program is accredited by the Commission on Accreditation for Respiratory Care.

These classes may be taken prior to being accepted into the program.

1st Fall

ENGL	1010	Composition I	3
BIOL	2010	Human Anatomy and Physiology I	4
MATH	1530	Probability and Statistics (Recommended) OR MATH 1130, 1630, 1730 or higher level math	3
PSYC	1030	General Psychology (Recommended) OR Social/Behavioral Science Elective	3
TERM TOTAL			13

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Register for next term

1st Spring

BIOL	2230	Microbiology	4
BIOL	2020	Human Anatomy and Physiology II (Recommended) OR CHEM 1010 Introduction to Chemistry	4
PHIL	121	Elementary Ethics (Recommended) OR Humanities Elective	3
TERM TOTAL			11

Action Items

- Feb Complete Health Sciences application before May 15th deadline
Complete 10 hours of job shadowing before May 15th deadline
- Mar Meet with Success Coach or Advisor

2nd Fall

RTT	121	Cardio-Renal Anatomy and Physiology	4
RTT	122	Respiratory Care Science I	4
RTT	123	Respiratory Pharmacology	2
TERM TOTAL			10

Action Items

- Oct Complete FAFSA for upcoming fall term
- Nov Register for next term

2nd Spring

RTT	131	Pathology of Respiratory Disease I	2
RTT	132	Respiratory Care Science II	6
TERM TOTAL			8

Action Items

- Apr Register for Summer and Fall terms

2nd Summer

RTT	220	Respiratory Science III	4
RTT	231	Pathology of Respiratory Disease II	2
TERM TOTAL			6

3rd Fall

RTT	230	Respiratory Care Science IV	6
RTT	235	Neonatal and Pediatric Care	3
RTT	260	Hemodynamics and Rhythms	3
TERM TOTAL			12

Action Items

- Oct Meet with Faculty Advisor and complete Intent to Graduate
- Nov Register for next term

3rd Spring

RTT	245	Respiratory Care Science V	7
RTT	261	Respiratory Care Seminar	2
EMT	2170	Comprehensive Advanced Cardiac Life Support	3
TERM TOTAL			12

Action Items

- Mar Take Exit Exam (ETS Proficiency Profile)
- Apr Complete State Licensure Application
Begin job search using RaiderRecruit

TOTAL HOURS

72

Students pursuing this option will be advised by the Allied Health Sciences Division.

Program Application Deadline: May 15

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

Surgical Technology

Surgical technologists are allied health professionals who work under medical supervision to facilitate the safe and effective conduct of invasive surgical procedures. A surgical technologist possesses expertise in the theory and application of sterile and aseptic technique and combines the knowledge of human anatomy, surgical procedures, and implementation tools and technologies to facilitate a physician's performance of invasive therapeutic and diagnostic procedures.

The Surgical Technology program is co-sponsored by Walters State and Roane State Community Colleges through the Smoky Mountain Health Sciences Consortium. The program consists of five semesters of full-time study which includes lecture classes held at the Oak Ridge Campus via distance delivery from Walters State Community College Sevierville campus and supervised clinical coursework in an operating room. Labs are conducted on the Oak Ridge campus.

Applicants for the program may begin working on the general education courses at any time. The professional courses must be taken in sequence and are offered only at the Oak Ridge Branch Campus except for the clinical courses. The program is affiliated with several area hospitals and each student will be assigned to a variety of clinical sites during the two years of clinical coursework. Clinical experiences may include evening rotations.

Admission Policies:

Due to limited enrollment, there are special admission policies for the Surgical Technology Program.

Applicants must:

1. Complete the Roane State Community College (RSCC) admissions process to become an admitted student, be at least 18 years old by the end of spring semester of the year petitioning for admission *AND*
2. Must meet one of the following minimum academic requirements:
 - a. Students under 21 years of age must attain a composite score of 19 or above on the ACT taken within the last 3 years OR attain a GPA of 2.50 or better after completion of at least 8 semester hours of general education courses required in the selected degree program and an overall GPA of 2.0 prior to the published application deadline. The completed courses must be required in the Surgical Technology program and include BIOL 2010 and 2020.
 - b. Students 21 years of age or older must attain a GPA of 2.50 or better after completion of at least 8 hours of general education courses and an overall GPA of 2.0 prior to the published application deadline. The completed courses must be required in the Surgical Technology program and include BIOL 2010 and 2020.
3. Meet the following admission requirements
 - a. Satisfy all learning support competencies *prior to acceptance into the Surgical Technology program.*
 - b. Complete an interview to be considered for admission to the program. The top candidates will be selected for an interview based on the admission criteria point system.
 - c. Be able to physically meet the demands of the job as defined by the discipline, available industry standards and the public's expectations.
4. The applicant must complete the electronic Application by the published program deadline (see Surgical Technology

information on the RSCC website). Go to RaiderNet and click on "Apply for a Health Science Program".

5. The Program Director/Clinical Coordinator will complete a list of recommended candidates for admission to the program indicating that all of the general and program admission criteria and required documents have been verified.
6. Final selection of students will be made by the Surgical Technology Admissions Committee.
7. Admission to the degree program is required prior to enrolling in Surgical Technology discipline-specific courses.
8. Students will be notified electronically via RaiderNet email of acceptance to the Surgical Technology. Students must acknowledge their acceptance via reply email by the designated response date stated in the acceptance email.

All students meeting minimum criteria will be considered competitively, MEETING MINIMUM REQUIREMENTS DOES NOT GUARANTEE ACCEPTANCE. Preference will be given to Tennessee residents.

Criminal Background Checks

Criminal background checks and drug screening are a requirement at affiliated clinical sites utilized for training in healthcare related programs. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the requirements of the program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude certification with licensure or employment. More information is available from your program director.

Health Guidelines

Complete required physical exam/health verification prior to enrollment. Students will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required to meet all health guidelines of affiliated clinical agencies including current AHA CPR for healthcare provider. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled.

Program Application Deadline

In order for applicants to have priority consideration for entrance into the Surgical Technology Program for the following fall semester, applications should be submitted prior to the published deadline.

Incomplete applications will not be processed. Any applications received after the published application deadline may be considered by the Program Director on a space available basis. It is the student's responsibility to assure that all records and documentation are received by the appropriate department by the published application deadline.

Conditional Admission

Students that do not meet minimum requirements may be considered for conditional acceptance status on a space-available basis.

Retention Policies

A student must maintain the following standards or he/she will be dismissed from his/her respective program.

1. A grade of "C" or better in each specialty course.
2. Completion of specialty courses as specified by the degree checklist.
3. Evidence of malpractice insurance and physical examination prior to clinical training.
4. Be physically and mentally capable of performing the essential functions of the program as defined in each program's Core Performance Standards.

The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Dean of Nursing and the Dean of Students.

Readmission Procedures

1. Students applying for readmission must meet all admissions criteria for the selected degree program.
2. The applicant must submit a readmission request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.
3. One (1) readmission to the Surgical Technology program will be permitted
4. The applicant applying for readmission may be required to interview with the Program Director and other program faculty, if applicable, before the review date by the Surgical Technology Admissions Committee. Interview requirements are listed on the program webpage.

An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.

Note: The Program Director will verify that all readmission documents including licensure/credentials are current and valid.

1. Readmission is contingent upon the availability of space.
2. Students who are dismissed for reasons associated with academic misconduct or code of ethics violations will not be considered for readmission.

Meeting Minimum Requirements Does Not Guarantee Acceptance. Preference will be given to Tennessee residents.

Successful admission and completion of The Smoky Mountain Consortium Surgical Technology program does not guarantee state or national licensure or registration to practice as there may be additional state/national criteria required for attainment of various allied health licenses/certifications.

For additional information, review the Surgical Technology Web page.

The Smokey Mountain Health Sciences Consortium is accredited by the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA) and the Commission on Accreditation of Allied Health Education programs (CAAHEP). Graduates of the program will be eligible to take the certification examination administered by the National Board of Surgical Technology and Surgical Assisting upon the program receiving accreditation.

1st Fall			Hours
ENGL	1010	Composition I	3
SPCH	1010	Fundamentals of Speech	3
ALH	1010	Introduction to Health Professions	3
BIOL	2010	Human Anatomy and Physiology I	4
MATH	1530	Probability and Statistics (Recommended) OR MATH 1130, 1630, 1730, or higher level content math course	3
TERM TOTAL			16

Action Items

- Oct Meet with Success Coach or Advisor
Complete FAFSA for upcoming fall term
- Nov Register for next term

1st Spring			Hours
BIOL	2020	Human Anatomy and Physiology II	4
BIOL	2230	Microbiology	4
PSYC	1030	General Psychology (Recommended) OR PSYC 2130 Life Span Psychology	3
PHIL	121	Elementary Ethics (Recommended) OR Humanities Elective	3
TERM TOTAL			14

Action Items

- Feb Complete Surgical Tech Application in Raidernet
- Mar Meet with Success Coach or Advisor
- April Register for next term

Courses to be taken upon official acceptance to the program:

2nd Fall			Hours
HIT	107	Medical Terminology ¹	3
SURG	1002	Orientation to Surgical Tech	1
SURG	1005	Surgical Tech and Pharmacology	3
TERM TOTAL			7

Action Items

- Oct Meet with Faculty Advisor
Complete FAFSA for upcoming fall term
- Nov Register for Spring and Summer terms

2nd Spring			Hours
SURG	1010	Surgical Tech and Patient Care I	3
SURG	1011	Surgical Tech and Patient Care Lab I	1
SURG	2010	Surgical Microbiology and Asepsis	3
TERM TOTAL			7

Action Items

- Mar Meet with Faculty Advisor
- April Register for Fall term

2nd Summer			Hours
SURG	1020	Surgical Tech and Patient Care II	3
SURG	1021	Surgical Tech and Patient Care Lab II	1
SURG	2900	Clinical Practicum I	1
TERM TOTAL			5

3rd Fall		Hours
SURG 2020	Surgical Procedures I	3
SURG 2901	Clinical Practicum II	2
TERM TOTAL		5

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Register for next term

3rd Spring		Hours
SURG 2030	Surgical Procedures II	3
SURG 2902	Clinical Practicum III	3
TERM TOTAL		6

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Begin job search using RaiderRecruit

TOTAL HOURS 60

¹ An open enrollment course available to any student interested in a healthcare profession.

Students pursuing this option will be advised by the Surgical Technology Instructors.

This program is designed for students who plan to enter the workforce upon graduation. It is not designed for students who intend to transfer to a baccalaureate degree program.

Technical Certificate Programs

Computer Science Certificate

No placement testing is required of the Technical Certificate programs except for some of the specialized Allied Health Science Certificates. Financial Aid may not be available for all certificates pending approval. Contact the Financial Aid Office for more information. For students to receive a certificate at the end of the program, a 2.0 GPA must be maintained. Certificate programs do not qualify for academic honors. A certain number of credit hours in each program must be completed at Roane State in order to meet the graduation residency requirement. Contact your faculty advisor for the requirement of your program.

The Computer Science Technical Certificate encompasses applications in databases, networking, JAVA programming, webpage design, and Visual Basic programming. The certificate is designed to add value to existing computer professionals and allow for career mobility.

1st Fall			Hours
CITC	1300	Beginning HTML and CSS	3
CITC	1310	Programming I (Recommended) OR CITC 1301 Intro to Programming and Logic	3
CITC	1303	Database Concepts	3
CITC	1302	Introduction to Networking	3
TERM TOTAL			12

Action Items

Sept	Complete Intent to Graduate with Faculty Advisor
Nov	Register for next term

1st Spring			Hours
CITC	1312	Introduction to .Net Programming	3
CITC	1311	Programming II (Recommended) or Electives ¹	3
CITC	2344	Database SQL Programming (Recommended) or Electives ¹	3
TERM TOTAL			9

Action Items

Mar	Turn in Graduation Participation Form
April	Begin job search using RaiderRecruit

TOTAL CERTIFICATE HOURS **21**

¹List of Course Electives (choose two courses):

CITC	1321	A+ Hardware
CITC	1318	Data Structures
CITC	2326	Network Security
CITC	1311	Programming II
CITC	2344	Database SQL Programming
CITC	1333	Linux LPIC-1

Students pursuing this certificate will be advised by the Mathematics and Sciences Division.

<http://www.roanestate.edu/?6836-Computer-Science-Certificate>

Early Childhood Education

Students pursuing this certificate will be advised by the Social Science, Business and Education Division.

<http://www.roanestate.edu/?8794-Early-Childhood-Technical-Certificate>

The Early Childhood Technical Certificate is designed to prepare professionals in the field of early childhood education. Students in this program will gain knowledge in areas such as child development, family and community involvement, and curriculum development. Graduates will be prepared to work in various early childhood settings and conduct themselves as members of the early childhood profession

1st Fall			Hours
ECED	2340	Family Dynamics and Community Involvement	3
ECED	2310	Safe, Healthy Learning Environments	3
ECED	2315	Early Childhood Curriculum	3
ECED	2335	Initial Practicum	3
TERM TOTAL			12

Action Items

Oct	Meet with Success Coach or Advisor
Nov	Apply for CDA license** (see note below) Register for next term

1st Spring			Hours
ECED	1310	Intro to Early Childhood Education	3
ECED	2380	Language and Literacy in Early Childhood	3
ECED	2385	Math and Science in Early Childhood	3
ECED		Elective ¹	3
TERM TOTAL			12

Action Items

Jan	Complete Intent to Graduate form with Faculty Advisor
Mar	Begin job search using RaiderRecruit

TOTAL CERTIFICATE HOURS **24**

¹List of Course Electives (choose one course):

ECED	2390	Creative Development (Sp, Alternating Years)	3
ECED	2312	Administration of Child Care Centers (Sp, Alternating Years)	3
ECED	2360	Development of Exceptional Children (F, Alternating Years)	3
ECED	2300	The Mentoring Teacher (F, Alternating Years)	3
ECED	2320	Infant, Toddler Child Development (Sp, Alternating Years)	3
ECED	2370	Developmental Assessment (Sp, Alternating Years)	3
ECED	2375	Socio-Emotional Development	3

F: Class is typically offered during the Fall Semester

Sp: Class is typically offered during the Spring Semester

**CDA License: The CDA (Child Development Associate) license is not a Roane State credential. Talk to the ECED program Director for additional information regarding licensure and visit: www.cdacouncil.org

Geographic Information Systems

This program offers the knowledge and ability to use modern analysis tools to display information relative to features on the ground, below ground or above ground. Small, economical computer systems now have the speed and software to empower a trained user to manage, present and analyze geographic information.

1st Fall			Hours
GIS	101	Introduction to GIS	4
GIS	105	Computer Cartography	3
GIS	210	GPS and Imagery	3
TERM TOTAL			10
Action Items			
Sept	Complete Intent to Graduate with Faculty Advisor Meet with Faculty Advisor to obtain and install ArcGIS software Check out GPS unit (if needed)		
Nov	Register for next term		
Dec	Return GPS unit (if needed)		
1st Spring			Hours
GIS	110	GIS Database Technology	3
GIS	220	GIS Demographics	3
GIS	230	GIS Project Management	3
TERM TOTAL			9
Action Items			
Feb	Meet with Faculty Advisor to begin job search		
Mar	Turn in Graduation Participation Form		
April	Begin job search using RaiderRecruit		
1st Summer			Hours
GIS	290	GIS Directed Research	4
TERM TOTAL			4
Action Items			
Jul	Contact Faculty Advisor regarding job search		
TOTAL CERTIFICATE HOURS			23

Students pursuing this option will be advised by the Social Science, Business & Education Division.

<http://www.roanestate.edu/?6684-Geographic-Information-System-GIS-Program>

Mechatronics

Technology has advanced the manufacturing process to a point where skilled workers are in high demand to both operate and maintain the wide range of machinery used in parts production today. Our courses will train you in mechanics, automation, robotics, electronics, computer programming, hydraulics, pneumatics, and many other skills you will need to have a successful career in this field. You will learn to operate, test, fine-tune, service and repair equipment that is critically important to any manufacturing company.

This program is offered in a cohort format with classes during the day and evening. Review the Mechatronics webpage for additional information and course scheduling options.

1st Fall			
MECH	1100	Electrical Components	3
MECH	1200	Mechanical Components and Electric Motors	3
MECH	1400	Computer Integrated Manufacturing (Recommended) OR	
CMAT	1110	Practical Injection Molding (Recommended) OR Technical Electives ¹	6
TERM TOTAL			12
Action Items			
Oct	Meet with Faculty Advisor		
Nov	Register for next term		
1st Spring			
MECH	1300	Electro-Pneumatics and Hydraulic Control Circuits	3
MECH	1500	Digital Fundamentals & PLC's	3
MECH	1050	Industrial Robotics (Recommended) OR	
MECH	2400	Motor Controls (Recommended) OR Technical Electives ¹	7
TERM TOTAL			13
Action Items			
Jan	Meet with Faculty Advisor Complete Intent to Graduate		
Apr	Begin job search using RaiderRecruit		
May	Register for Siemens Level 1 Mechatronics Assistant Certification Exam		
TOTAL CERTIFICATE HOURS			25

¹Technical Electives - Selected from:

CMAT	2100	Intro to Injection Molding (3 cr.)
MECH	1050	Industrial Robotics (3 cr.)
MECH	1140	CAD for Mechatronics (3 cr.)
MECH	1150	Autonomous Robotics (3 cr.)
MECH	1160	Industrial Safety (3 cr.)
MECH	1400	Computer Integrated Manufacturing (3 cr.)
MECH	1600	Programming with LabView (3 cr.)
MECH	1950	Internship in Mechatronics (1-6 cr.)

Students pursuing this area of study will be advised by the Mathematics and Sciences Division, 865-354-3000 x 4533.

<http://www.roanestate.edu/?8368-Mechatronics-Certificate>

Allied Health Sciences Certificate Programs

Diagnosis and Procedural Coding

The Diagnosis and Procedural Coding (DPC) program is a nine month certificate program designed to prepare students to perform medical diagnosis and procedure coding in an outpatient or ambulatory health care setting. The courses completed in the Diagnosis and Procedural Coding certificate program correspond to the first year course for the Health Information Technology (HIT) degree program. DPC students may elect to continue into HIT degree program after successful completion of the certificate courses. All admission requirements for the HIT degree program must also be met for acceptance into the HIT program after completion of the DPC Certificate.

All Diagnosis and Procedural Coding courses are taught at the Harriman Campus and Knox County Campus Center for Health Sciences. Enrollment is limited.

Admission Requirements

1. Complete the Roane State Community College (RSCC) admissions process to become an admitted student. Click here to access the college application.
2. Complete the electronic Allied Health Science (AHS) application on RaiderNet and submit by the published application deadline.
Note: When choosing the Planned Course of Study, select 'Diagnosis and Procedural Coding'. If Diagnosis and Procedural Coding is not selected as a Planned Course of Study you will not be considered for the Diagnosis and Procedural Coding Program.
3. There is no required program admission application. However, all required Learning Support requirements must be completed before a student can enroll in BIOL 2010 -Anatomy and Physiology I.
4. The following factors are utilized in ranking and accepting applicants:
 - A) Completion of HIT 107 Medical Terminology
 - B) Completion of BIOL 2010 and BIOL 2020.
5. Only HIT courses which were completed within three years prior to applying for admission or readmission will be considered for credit toward graduation.
6. Complete all other entrance requirements detailed on the Diagnosis and Procedural Coding webpage.
7. Final selection of students will be made by the AHS Admissions Committee.

Note: Students may not register for discipline-specific courses until their major has been changed by the Allied Health Sciences/Nursing Admissions Advisor.

Note: Meeting minimum requirements does not guarantee acceptance. Preference will be given to Tennessee Residents.

Program Application and Deadline

June 15. Late applications may be considered on a space-available basis.

Students will be notified electronically via RaiderNet email of acceptance to the Diagnosis and Procedural Coding program. Students must acknowledge their acceptance via reply email by the designated response date stated in the acceptance email.

Criminal Background Checks

Criminal background checks and drug screening may be a requirement at affiliated clinical sites utilized for training in the Diagnosis and Procedural Coding Program. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the Diagnosis and Procedural Coding Program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude employment. More information is available from your program director.

Health Guidelines

Students will be required to meet all health guidelines of affiliated clinical agencies. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled. Students will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required, during the course of the program to demonstrate their physical and/or emotional fitness to meet the essential requirements of the program. Such essential requirements include freedom from communicable diseases, the ability to perform certain tasks, and suitable emotional fitness. Any appraisal measures used to determine such physical and/or emotional fitness will be in compliance with Section 504 of the Rehabilitation Act of 1973 and the American Disabilities Act of 1990. Students will be required to meet all health guidelines of the affiliating agencies. Students are responsible for cost incurred from injury or illness while in the Diagnosis and Procedural Coding Program.

Retention

A student must maintain the following standards or he/she will be dismissed from the program.

1. A grade of "C" or better is required in each HIT course and required science course.
2. Completion of specialty courses as outlined by the degree checklist. Exceptions to this must be approved by the program director.
3. Evidence of malpractice insurance and physical examination must be provided prior to clinical training.

The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Dean of Allied Health Sciences and the office of the Dean of Student Services and Multicultural Affairs.

Readmission Procedures

A student must request readmission after a grade of "D" or "F" is received in a core course or after withdrawal from the program at anytime during the semester.

A student may be considered for readmission to the program if all of the

following criteria are met:

1. Students applying for readmission must meet all admissions criteria listed above. The applicant must submit a readmission request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.
2. One (1) readmission to the program will be permitted.
3. The applicant applying for readmission may be required to interview with the Program Director for consideration of readmission before the review date by the AHS Admissions Committee.
4. An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission.
5. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.
Note: The AHS Program Director will verify that all readmission documents and criteria including licensure/credentials are current and valid.
6. Readmission to an Allied Health Sciences program is contingent upon the availability of space.
7. Students who are dismissed for reasons associated with academic misconduct or violations of a code of ethics will not be considered for re-admission.
8. A student must repeat the specialty course or courses for which he/she was dismissed and attain a "C" or better in the course.

1st Fall

BIOL	2010	Anatomy & Physiology I ¹	4
HIT	102	Fundamentals of Health Information ²	3
HIT	107	Medical Terminology ²	3
HIT	103	Diagnosis Coding & Classification Systems	3
Fall Semester Total			13

Action Items

Sept	Meet with Faculty Advisor
Oct	Complete Intent to Graduate form
Nov	Register for next term

1st Spring

BIOL	2020	Anatomy & Physiology II ¹	4
HIT	104	Procedure Coding & Classification Systems	2
HIT	112	Coding Professional Practice Experience	1
HIT	130	CPT Coding	3
HIT	140	Medical Office Procedures	2
Spring Semester Total			12

Action Items

Mar	Complete Ceremony Participation Form
Apr	Register for CCA test (optional - see advisor for information)
May	Begin job search using RaiderRecruit

TOTAL SEMESTER HOURS **25**

¹ Recommended to be completed prior to acceptance and must be completed with a grade of C or better.

² An open course that may be taken by any student & is recommended to be completed prior to acceptance.

Students pursuing this certificate will be advised by the Allied Health Sciences Division. Students wishing to pursue an A.A.S. Allied Health Sciences with an emphasis in Diagnosis and Procedural Coding should contact their advisor.

Any Learning Support course requirements must be completed before taking BIOL 2010.

A certain number of credit hours in each program must be completed in order to meet the graduation residency requirement. Contact your advisor for the requirement of your program. Only HIT courses which were completed within three years prior to applying for admission or readmission will be considered for credit toward graduation.

<http://www.roanestate.edu/?6028-Diagnosis-and-Procedural-Coding>

Emergency Medical Technician

The Emergency Medical Technician (EMT) program is a one-semester certificate program. The lecture and lab consists of approximately 240 clock hours. The clinical/field internship is approximately 134 clock hours. The program has a Fall and Spring start.

The program consists of four components of instruction: lecture, skills laboratory, clinical education and field internship. The successful completion of these components will prepare the students for National Registry exams and enable him/her to demonstrate competence as an entry level EMT. Graduates of this program may work in fire/rescue, industrial positions, and are eligible to apply for the Advanced EMT certificate program after they become credentialed as an EMT.

The Emergency Medical Technician (EMT) Technical Certificate program is offered on the Knox Center for Health Sciences and designated RSCC satellite campuses.

Admission Requirements

1. Complete the Roane State Community College (RSCC) admissions process to become an admitted student.
2. Complete the electronic Allied Health Science (AHS) application on RaiderNet and submit by the published application deadline.
3. Complete a required program admission examination:
 - Complete the COMPASS. If COMPASS results indicate a reading deficiency, all Learning Support requirements for reading comprehension must be successfully completed before applicant will be considered for admission to the program. Note: Some applicants may be exempt from COMPASS testing. COMPASS scores within the last three years are accepted. COMPASS scores and any transcripts from other colleges must be turned into the RSCC Admission and Records Office by published application deadline. See the COMPASS webpage for registration directions, exemptions, and more.
 - OR
 - Student may have an ACT Score of 19 or above in Reading.*
 - OR
 - Student may have a HESI score of 70% or above. *
 - OR
 - Completion of ENGL 1010 (English Composition) with a grade of C or better.

**Note: Scores are considered valid for 3 years or by approval of the program director.*
4. Students must follow the admissions process in compliance with EMS rules and regulations as set forth by the Tennessee Department of Health, Office of Emergency Medical Services and the RSCC Emergency Medical Services program. Applicants must report if their license in any health care field has been suspended, revoked, or denied.
5. Final selection of students will be made by the AHS Admissions Committee.

Note: Students may not register for discipline-specific courses until they are accepted to the program and their major has been changed by the Allied Health Sciences/Nursing Admissions advisor.

Note: Meeting minimum requirements does not guarantee acceptance. Preference will be given to Tennessee Residents.

**Tennessee Emergency Medical Services Board requirement.*

Program Application and Deadlines

Fall Admission: June 15, late applications may be considered on a space-available basis.
 Spring Admission: October 31, late applications may be considered on a space-available basis.

Students will be notified electronically via RaiderNet email of acceptance to the Emergency Medical Technician program. Students must acknowledge their acceptance via reply email by the designated response date stated in the acceptance email.

Criminal Background Checks

Criminal background checks and drug screening may be a requirement at affiliated clinical sites utilized for training in the Paramedic program. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the Paramedic program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude licensure or employment. More information is available from your program director.

Health Guidelines

Students will be required to meet all health guidelines of affiliated clinical agencies. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled. Students will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required, during the course of the program to demonstrate their physical and/or emotional fitness to meet the essential requirements of the program. Such essential requirements include freedom from communicable diseases, the ability to perform certain tasks, and suitable emotional fitness. Any appraisal measures used to determine such physical and/or emotional fitness will be in compliance with Section 504 of the Rehabilitation Act of 1973 and the American Disabilities Act of 1990. Students will be required to meet all health guidelines of the affiliating agencies. Students are responsible for cost incurred from injury or illness while in the Paramedic program.

Retention

1. Maintain current Tennessee licensure as EMT and maintain current CPR certification at the level of American Heart Association-Health Care Provider level or American Red Cross-Professional Rescuer.
2. Maintain 80% in didactic, lab and clinical areas.

The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Dean of Allied Health Sciences and the office of the Dean of Student Services and Multicultural Affairs.

Readmission Procedures

A student must request readmission after a grade of “D” or “F” is received in a core course or after withdrawal from the program at any time during the semester.

A student may be considered for readmission to the program if all of the following criteria are met:

1. Students applying for readmission must meet all admissions

criteria listed above. The applicant must submit a readmission request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.

2. One (1) readmission to the program will be permitted.
3. The applicant applying for readmission may be required to interview with the Program Director for consideration of readmission before the review date by the AHS Admissions Committee.
4. An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission.
5. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.
Note: The AHS Program Director will verify that all readmission documents and criteria including licensure/credentials are current and valid.
6. Readmission to an Allied Health Sciences program is contingent upon the availability of space.
7. Students who are dismissed for reasons associated with academic misconduct or violations of a code of ethics will not be considered for re-admission.
8. A student must repeat the specialty course or courses for which he/she was dismissed and attain a “C” or better in the course.
9. A student may be readmitted to the program within two years from the semester they failed. Before being considered for readmission they will be required to take a competency exam for those course(s) which they previously successfully completed. Upon successful completion of those exams they will be considered for readmission to the program and be required to take only the course(s) they failed. If they do not successfully complete the competency exam(s), they can reapply for admission but will have to repeat all courses. Successful completion of a competency exam(s) would mean a grade of 70 or greater.

Note: Students must follow the admissions process regarding interviews and testing in compliance with EMS rules and regulations as set forth by the Tennessee Department of Health, Division of Emergency Medical Services and the RSCC Paramedic program. A Paramedic Admissions Committee considers all eligible applicants and recommends applicants to the Allied Health Science Admission Committee. Applicants must report if their license in any health care field has been suspended, revoked, or denied.

Fall Start			Hours
EMSB	1601	EMT Medical Emergencies and EMS Operations	6
EMSB	1602	EMT Trauma and Medical Emergencies	6
EMSB	1101	EMT Medical Skills Lab	1
EMSB	1102	EMT Trauma and Medical Skills Lab	1
EMSB	1111	EMT Clinical	1
EMSB	1112	EMT Field Internship	1
TOTAL CERTIFICATE HOURS			16

Action Items

- Sept Complete Intent to Graduate
- Oct Apply for Advanced EMT by Oct 31
- Dec Turn in Ceremony Participation Form

Spring Start			Hours
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EMSB	1601	EMT Medical Emergencies and EMS Operations	6
EMSB	1602	EMT Trauma and Medical Emergencies	6
EMSB	1101	EMT Medical Skills Lab	1
EMSB	1102	EMT Trauma and Medical Skills Lab	1
EMSB	1111	EMT Clinical	1
EMSB	1112	EMT Field Internship	1
		TOTAL CERTIFICATE HOURS	16

Action Items

- Mar Complete Intent to Graduate
Turn in Ceremony Participation Form
- Apr Apply for Advanced EMT by June 15

Students wishing to pursue an A.A.S. in Allied Health Sciences with an emphasis in Emergency Medical Services should contact their advisor. A certain number of credit hours in each program must be completed in order to meet the graduation residency requirement. Contact your faculty advisor for the requirement of your program.

Advanced Emergency Medical Technician

The Advanced Emergency Medical Technician (AEMT) program is a one-semester certificate program. The lecture and lab consists of approximately 270 clock hours. The clinical/field internship is approximately 134 clock hours. The program has a Fall and Spring start.

The program consists of four components of instruction: lecture, skills laboratory, clinical education and field internship. The successful completion of these components will prepare the students for National Registry exams and enable him/her to demonstrate competence as an entry level AEMT. Graduates of this program may work in emergency medical services (EMS), fire/rescue, hospital emergency departments, medical clinics, sports medicine, industrial medicine, or similar occupations. Students are eligible to apply for the Paramedic Certificate Program after they become credentialed as an AEMT.

The Advanced Emergency Medical Technician (AEMT) Technical Certificate program is offered on the Knox Center for Health Sciences and designated RSCC satellite campuses.

Admission Requirements

1. Complete the Roane State Community College (RSCC) admissions process to become an admitted student.
2. Complete the electronic Allied Health Science (AHS) application on RaiderNet and submit by the published application deadline.
Note: When completing the application, select "Advanced EMT"
3. Complete a required program admission examination:
 - Complete the COMPASS. If COMPASS results indicate a reading deficiency, all Learning Support requirements for reading comprehension must be successfully completed before applicant will be considered for admission to the program. Note: Some applicants may be exempt from COMPASS testing. COMPASS scores within the last three years are accepted. COMPASS scores and any transcripts from other colleges must be turned into the RSCC Admission and Records Office by published application deadline. See the COMPASS webpage for registration directions, exemptions, and more.
OR
 - Student may have an ACT Score of 19 or above in Reading.*
OR
 - Student may have a HESI score of 70% or above. *
OR
 - Completion of ENGL 1010 (English Composition) with a grade of C or better.
**Note: Scores are considered valid for 3 years or by approval of the program director*
4. Be currently licensed as an Emergency Medical Technician in the State of Tennessee or have successfully completed an EMT education program within 120 days of beginning the Advanced EMT education program and have successfully completed a Tennessee EMS Board approved EMT competency written and practical examination.*
5. Complete all other entrance requirement detailed on the Advanced Emergency Medical Technician webpage.
6. Students must follow the admissions process in compliance with EMS rules and regulations as set forth by the Tennessee Department of Health, Office of Emergency Medical Services

and the RSCC Emergency Medical Services program. Applicants must report if their license in any health care field has been suspended, revoked, or denied.

7. Final selection of students will be made by the AHS Admissions Committee.

Note: Students may not register for discipline-specific courses until they have been accepted to the program and their major has been changed by the Allied Health Sciences/Nursing Admissions Advisor.

Note: Meeting minimum requirements does not guarantee acceptance.

Preference will be given to Tennessee Residents.

*Tennessee Emergency Medical Services Board requirement.

Program Application and Deadlines

Fall Admission: June 15, late applications may be considered on a space-available basis.

Spring Admission: October 31, late applications may be considered on a space-available basis.

Students will be notified electronically via RaiderNet email of acceptance to the Advanced Emergency Medical Technician program. Students must acknowledge their acceptance via reply email by the designated response date stated in the acceptance email.

Criminal Background Checks

Criminal background checks and drug screening may be a requirement at affiliated clinical sites utilized for training in the Paramedic program. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the Paramedic program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude licensure or employment. More information is available from your program director.

Health Guidelines

Students will be required to meet all health guidelines of affiliated clinical agencies. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled. Students will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required, during the course of the program to demonstrate their physical and/or emotional fitness to meet the essential requirements of the program. Such essential requirements include freedom from communicable diseases, the ability to perform certain tasks, and suitable emotional fitness. Any appraisal measures used to determine such physical and/or emotional fitness will be in compliance with Section 504 of the Rehabilitation Act of 1973 and the American Disabilities Act of 1990. Students will be required to meet all health guidelines of the affiliating agencies. Students are responsible for cost incurred from injury or illness while in the Paramedic program.

Retention

1. Maintain current Tennessee licensure as EMT and maintain current CPR certification at the level of American Heart Association-Health Care Provider level or American Red Cross-Professional Rescuer.
2. Maintain 80% in didactic, lab and clinical areas.

The RSCC policy of Student Conduct and Disciplinary Sanctions applies

to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Dean of Allied Health Sciences and the office of the Dean of Student Services and Multicultural Affairs.

Readmission Procedures

A student must request readmission after a grade of “D” or “F” is received in a core course or after withdrawal from the program at any time during the semester.

A student may be considered for readmission to the program if all of the following criteria are met:

1. Students applying for readmission must meet all admissions criteria listed above. The applicant must submit a readmission request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.
2. One (1) readmission to the program will be permitted.
3. The applicant applying for readmission may be required to interview with the Program Director for consideration of readmission before the review date by the AHS Admissions Committee.
4. An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission.
5. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.
Note: The AHS Program Director will verify that all readmission documents and criteria including licensure/credentials are current and valid.
6. Readmission to an Allied Health Sciences program is contingent upon the availability of space.
7. Students who are dismissed for reasons associated with academic misconduct or violations of a code of ethics will not be considered for re-admission.
8. A student must repeat the specialty course or courses for which he/she was dismissed and attain a “C” or better in the course.
9. A student may be readmitted to the program within two years from the semester they failed. Before being considered for readmission they will be required to take a competency exam for those course(s) which they previously successfully completed. Upon successful completion of those exams they will be considered for readmission to the program and be required to take only the course(s) they failed. If they do not successfully complete the competency exam(s), they can reapply for admission but will have to repeat all courses. Successful completion of a competency exam(s) would mean a grade of 70 or greater.

Note: Students must follow the admissions process regarding interviews and testing in compliance with EMS rules and regulations as set forth by the Tennessee Department of Health, Division of Emergency Medical Services and the RSCC Paramedic program. A Paramedic Admissions Committee considers all eligible applicants and recommends applicants to the Allied Health Science Admission Committee. Applicants must report if their license in any health care field has been suspended, revoked, or denied.

Fall Start				Hours
EMSA	1501	Advanced EMT Medical Emergencies		5
EMSA	1502	Advanced EMT Trauma and Medical Emergencies		5
EMSA	1201	Advanced EMT Medical Skills Lab		2
EMSA	1202	Advanced EMT Trauma and Medical Skills Lab		2
EMSA	1111	Advanced EMT Clinical		1
EMSA	1112	Advanced EMT Field Internship		1
TOTAL CERTIFICATE HOURS				16

Action Items

- Sept Complete Intent to Graduate
- Dec Complete Ceremony Participation Form

Spring Start				Hours
EMSA	1501	Advanced EMT Medical Emergencies		5
EMSA	1502	Advanced EMT Trauma and Medical Emergencies		5
EMSA	1201	Advanced EMT Medical Skills Lab		2
EMSA	1202	Advanced EMT Trauma and Medical Skills Lab		2
EMSA	1111	Advanced EMT Clinical		1
EMSA	1112	Advanced EMT Field Internship		1
TOTAL CERTIFICATE HOURS				16

Action Items

- Mar Complete Intent to Graduate
- Complete Ceremony Participation Form

Students wishing to pursue an A.A.S. in Allied Health Sciences with an emphasis in Emergency Medical Services should contact their advisor. A certain number of credit hours in each program must be completed in order to meet the graduation residency requirement. Contact your faculty advisor for the requirement of your program.

Paramedic

The Paramedic program is a three-semester certificate program. The lecture and lab consists of approximately 600 hours. The clinical/field internship is approximately 540 hours.

The program consists of four components of instruction: lecture, skills laboratory, clinical education and field internship. The successful completion of these components will prepare the students for National Registry exams and enable him/her to demonstrate competence as an entry level paramedic. Graduates of this program may work in emergency medical services (EMS), fire/rescue, hospital emergency departments, medical clinics, sports medicine, industrial medicine, or similar occupations.

All Paramedic courses are taught at the Knox Center for Health Sciences and Harriman Campus. Enrollment is limited.

Admission Requirements

1. Complete the Roane State Community College (RSCC) admissions process to become an admitted student. Click here for the application.
2. Complete the electronic Allied Health Science (AHS) application on RaiderNet and submit by the published application deadline.
Note: When choosing the Planned Course of Study, select 'Paramedic'. If 'Paramedic' is not selected as a Planned Course of Study you will not be considered for the Paramedic Program.
3. Complete the required program admission examinations:
 - A. FISDAP Paramedic Entrance Exam.* A minimum composite score of 75 is required.
AND
 - B. Complete the COMPASS. If COMPASS results indicate a reading deficiency, all Learning Support requirements for reading comprehension must be successfully completed before applicant will be considered for admission to the program. *Note: Some applicants may be exempt from COMPASS testing. COMPASS scores within the last three years are accepted. COMPASS scores and any transcripts from other colleges must be turned into the RSCC Admission and Records Office by published application deadline. See the COMPASS webpage for registration directions, exemptions, and more.*
OR
 - Students may have an ACT Score of 19 or above in reading.*
OR
 - Student may have a HESI score of 70% or above.*
OR
 - ENGL 1010 (English Composition) with a grade of C or better.
**Note: Test Scores are considered valid for 3 years or by approval of the program director.*
4. Be currently licensed as an AEMT in the state of Tennessee.
5. Complete all other entrance requirements detailed on the Paramedic webpage.
6. Qualified applicants will be interviewed prior to acceptance.
7. Students must follow the admissions process regarding interviews and testing in compliance with EMS rules and regulations as set forth by the Tennessee Department of Health, Office of Emergency Medical Services and the RSCC Emergency Medical Services program. A Paramedic Admissions Committee considers

all eligible applicants and recommends applicants to the Allied Health Science Admission Committee. Applicants must report if their license in any health care field has been suspended, revoked, or denied.

Note: Students may not register for discipline-specific courses until their major has been changed by the Allied Health Science/Nursing Admissions Advisor.

Note: Meeting minimum requirements does not guarantee acceptance. Preference will be given to Tennessee Residents.

*Tennessee Emergency Medical Services Board requirement.

Program Application and Deadlines

June 15, late applications may be considered on a space-available basis.

Students will be notified electronically via RaiderNet email of acceptance to the Paramedic program. Students must acknowledge their acceptance via reply email by the designated response date stated in the acceptance email.

Criminal Background Checks

Criminal background checks and drug screening may be a requirement at affiliated clinical sites utilized for training in the Paramedic program. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the Paramedic program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude licensure or employment. More information is available from your program director.

Health Guidelines

Students will be required to meet all health guidelines of affiliated clinical agencies. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled. Students will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required, during the course of the program to demonstrate their physical and/or emotional fitness to meet the essential requirements of the program. Such essential requirements include freedom from communicable diseases, the ability to perform certain tasks, and suitable emotional fitness. Any appraisal measures used to determine such physical and/or emotional fitness will be in compliance with Section 504 of the Rehabilitation Act of 1973 and the American Disabilities Act of 1990. Students will be required to meet all health guidelines of the affiliating agencies. Students are responsible for cost incurred from injury or illness while in the Paramedic program.

Retention

1. Maintain current Tennessee licensure as EMT and maintain current CPR certification at the level of American Heart Association-Health Care Provider level or American Red Cross-Professional Rescuer.
2. Maintain 80% in didactic, lab and clinical areas.

The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed

through the Dean of Allied Health Sciences and the office of the Dean of Student Services and Multicultural Affairs.

Readmission Procedures

A student must request readmission after a grade of “D” or “F” is received in a core course or after withdrawal from the program at any time during the semester.

A student may be considered for readmission to the program if all of the following criteria are met:

1. Students applying for readmission must meet all admissions criteria listed above. The applicant must submit a readmission request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.
2. One (1) readmission to the program will be permitted.
3. The applicant applying for readmission may be required to interview with the Program Director for consideration of readmission before the review date by the AHS Admissions Committee.
4. An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission.
5. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.
Note: The AHS Program Director will verify that all readmission documents and criteria including licensure/credentials are current and valid.
6. Readmission to an Allied Health Sciences program is contingent upon the availability of space.
7. Students who are dismissed for reasons associated with academic misconduct or violations of a code of ethics will not be considered for re-admission.
8. A student must repeat the specialty course or courses for which he/she was dismissed and attain a “C” or better in the course.
9. A student may be readmitted to the program within two years from the semester they failed. Before being considered for readmission they will be required to take a competency exam for those course(s) which they previously successfully completed. Upon successful completion of those exams they will be considered for readmission to the program and be required to take only the course(s) they failed. If they do not successfully complete the competency exam(s), they can reapply for admission but will have to repeat all courses. Successful completion of a competency exam(s) would mean a grade of 70 or greater.

Note: Students must follow the admissions process regarding interviews and testing in compliance with EMS rules and regulations as set forth by the Tennessee Department of Health, Division of Emergency Medical Services and the RSCC Paramedic program. A Paramedic Admissions Committee considers all eligible applicants and recommends applicants to the Allied Health Science Admission Committee. Applicants must report if their license in any health care field has been suspended, revoked, or denied.

1st Fall

EMSP	1801	Fund. of Paramedic I	8
EMSP	1401	Paramedic Skills Lab I	4
EMSP	1311	Paramedic Clinical I	3
TERM TOTAL			15

Action Items

- Jun Apply to program by June 15
- Nov Register for next term

1st Spring

EMSP	2802	Fund. of Paramedic II	8
EMSP	2402	Paramedic Skills Lab II	4
EMSP	2412	Paramedic Clinical II	4
TERM TOTAL			16

Action Items

- Feb Complete Intent to Graduate
- Mar Complete Ceremony Participation Form

1st Summer

EMSP	2403	Paramedic Capstone	4
EMSP	2303	Paramedic Practicum	3
EMSP	2513	Paramedic Field Internship	5
TERM TOTAL			12
TOTAL CERTIFICATE HOURS			43

Students wishing to pursue an A.A.S. in Allied Health Sciences with an emphasis in Emergency Medical Services should contact their advisor. A certain number of credit hours in each program must be completed in order to meet the graduation residency requirement. Contact your advisor for the requirement of your program.

<http://www.roanestate.edu/?7539-Paramedic>

Massage Therapy

Massage therapy is an 11-month certificate program to prepare students for entry level careers in the growing field of massage, bodywork, and somatic therapies. Graduates will be eligible to sit for the Massage and Bodywork Licensing Exam (MBLEx) and, upon successful passage of the exam, be eligible for a Tennessee Massage Therapy License.

The focus of this program will be Swedish Massage and Neuromuscular Therapy with an overview of the many other modalities practiced by Licensed Massage Therapists. More than 100 different approaches to therapeutic manipulation of muscles, tendons, ligaments, fascia, and circulatory structures are available in the market. Most require advanced training beyond the scope of this certificate program.

Massage therapists practice in a wide variety of settings: health clubs and wellness centers; chiropractic and physical therapy offices; hotels, resorts and cruise lines; health food stores and sports outfitters; pain management and sports injury clinics; psychological and psychiatric clinics; and private homes and offices. Some work under the supervision of other licensed health care providers. Some are in business for themselves as private contractors. Many work part-time. Many work exclusively from their home offices.

All Massage Therapy courses are taught at the Oak Ridge Branch Campus. Enrollment is limited.

Admission Requirements

1. Complete the Roane State Community College (RSCC) admissions process to become an admitted student.
2. Complete the electronic Allied Health Science (AHS) application on RaiderNet and submit by the published application deadline.
Note: When choosing the Planned Course of Study, select 'Massage Therapy'. If 'Massage Therapy' is not selected as a Planned Course of Study you will not be considered for the Massage Therapy Program.
3. Complete the required program admission examination. Complete the COMPASS or Accuplacer assessment. If COMPASS or Accuplacer results indicate a reading deficiency, all Learning Support requirements for reading comprehension must be successfully completed before applicant will be considered for admission to the program. *Note: Some applicants may be exempt from COMPASS/Accuplacer testing. COMPASS/Accuplacer scores within the last three years are accepted. COMPASS/Accuplacer transcripts from other colleges must be turned into the RSCC Admission and Records Office by published application deadline. See the COMPASS/Accuplacer webpage for registration directions, exemptions, and more.*
4. Or
 1. Student may have an ACT score of 19 or above in Reading. Or
 2. Student may have a HESI score of 70% or above. Or
 3. ENGL 1010 (Composition I) with a grade of C or better
Note: Scores are considered valid for 3 years or program director approval
5. Qualified applicants will be interviewed prior to acceptance.
6. Final selection of students will be made by the AHS Admissions Committee.
7. Students will be notified electronically via RaiderNet email of acceptance to the Massage Therapy program. Students must acknowledge their acceptance via reply email by the designated response date stated in the acceptance email.

8. The Allied Health Science/Nursing Admissions Advisor will change the major of all accepted students to accurately reflect their program of study. Students may not register for discipline-specific courses until their major has been changed.

Note: Meeting minimum requirements does not guarantee acceptance. Preference will be given to Tennessee Residents.

Program Application Deadline

June 15. Late applicants may be considered on a space-available basis.

Criminal Background Checks

Criminal background checks and drug screening may be a requirement at affiliated clinical sites utilized for training in the Massage Therapy Program. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the Massage Therapy Program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude licensure or employment. More information is available from your program director.

Health Guidelines

Students will be required to meet all health guidelines of affiliated clinical agencies. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled. Students will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required, during the course of the program to demonstrate their physical and/or emotional fitness to meet the essential requirements of the program. Such essential requirements include freedom from communicable diseases, the ability to perform certain tasks, and suitable emotional fitness. Any appraisal measures used to determine such physical and/or emotional fitness will be in compliance with Section 504 of the Rehabilitation Act of 1973 and the American Disabilities Act of 1990. Students will be required to meet all health guidelines of the affiliating agencies. Students are responsible for cost incurred from injury or illness while in the Massage Therapy Program.

Retention

Students' grades will be evaluated at the end of each semester by the Program Director. A student must maintain the following standards or he/she will be dismissed from the program:

1. A grade of "C" or better in each specialty course.
2. Completion of specialty courses as specified by the certificate checklist. A student must be able to complete courses with the class in which he/she was admitted. A student who cannot graduate with the class in which he/she was admitted will be dropped from that class and must re-apply to a subsequent class.
3. Evidence of malpractice insurance and physical examination must be provided prior to clinical training.

The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Dean of Allied Health Sciences and the office of the Dean of Student Services and Multicultural Affairs.

Readmission Procedures

A student must request readmission after a grade of “D” or “F” is received in a core course or after withdrawal from the program at any time during the semester.

A student may be considered for readmission to the program if all of the following criteria are met:

1. Students applying for readmission must meet all admissions criteria listed above.
The applicant must submit a readmission request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.
2. One (1) readmission to the program will be permitted.
3. The applicant applying for readmission will be required to interview with the Program Director for consideration of readmission before the review date by the AHS Admissions Committee.
4. An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission.
5. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.
Note: The AHS Program Director will verify that all readmission documents and criteria including licensure/credentials are current and valid.
6. Readmission to an Allied Health Sciences program is contingent upon the availability of space.
7. Students who are dismissed for reasons associated with academic misconduct or violations of a code of ethics will not be considered for re-admission.
8. A student must repeat the specialty course or courses for which he/she was dismissed and attain a “C” or better in the course.
9. A student may be readmitted to the program within two years from the semester they failed. Before being considered for readmission they will be required to take a competency exam for those course(s) which they previously successfully completed. Upon successful completion of those exams they will be considered for readmission to the program and be required to take only the course(s) they failed. If they do not successfully complete the competency exam(s), they can reapply for admission but will have to repeat all courses. Successful completion of a competency exam(s) would mean a grade of 70 or greater.

1st Fall			Hours
MAS	121	Muscle Anatomy I	2
MAS	117	TN Massage Law & Practice Ethics	3
MAS	120	Swedish Massage	3
MAS	122	Muscle Anatomy II	2
MAS	135	Massage for Special Populations	2
TERM TOTAL			12

Action Items		
Oct		Meet with Faculty Advisor and complete Intent to Graduate
Nov		Register for next term

1st Spring			Hours
MAS	113	Massage Physiology and Pathology I	3
MAS	118	Massage Business, Professionalism and Communication	2
MAS	114	Massage Physiology and Pathology II	3
MAS	124	Student Massage Clinic	1
MAS	130	Medical Massage Therapies	4
TERM TOTAL			13

Action Items		
Mar		Complete Ceremony Participation Form

1st Summer			Hours
MAS	152	Clinical Massage Practice	2
MAS	123	Overview of Somatic Therapies	2
TERM TOTAL			4

Action Items			Hours
June		Begin job search using RaiderRecruit	
TOTAL CERTIFICATE HOURS			29

Students pursuing this certificate will be advised by the Allied Health Sciences Division. Students wishing to pursue an A.A.S. Allied Health Sciences with an emphasis in Massage Therapy should contact their advisor.

A certain number of credit hours in each program must be completed in order to meet the graduation residency requirement. contact your advisor for the requirement of your program.

<http://www.roanestate.edu/?5983-Massage-Therapy>

Healthcare Documentation Specialist

The Healthcare Documentation Specialist Program is a three-semester certificate program. Classes may also be scheduled to provide opportunity to complete the program in 9 months if certain conditions are met and with the permission of the Program Director. Graduates of this program are prepared to transcribe medical record reports dictated by physicians. They are also prepared to edit speech-generated medical reports. Medical transcriptionists/speech recognition editors work in hospitals, clinics, doctor's offices, and transcription services. Graduates are eligible to take the AHDI (Association for Healthcare Documentation Integrity) RHDS certification examination. The program is approved by the ACCP (Approval Committee for Certificate Programs). The ACCP Committee operates under the authority of the AHDI National Leadership Board.

Traditional classes are taught at the Oak Ridge Branch Campus. All courses are also available online. Enrollment is limited.

Admission Requirements

1. Complete the Roane State Community College (RSCC) admissions process to become an admitted student.
2. Complete the electronic Allied Health Science (AHS) application on RaiderNet and submit by the published application deadline.
Note: When choosing the Planned Course of Study, select 'Healthcare Documentation Specialist. If this program is not selected as a Planned Course of Study you will not be considered for the Healthcare Documentation Specialist Program.
3. Complete a required program admission examination:
 - A. Healthcare Documentation Specialist Preadmission Test.* This test assesses applicant skills in three (3) areas: Basic computer skills; basic transcription (assesses grammar, spelling, and punctuation; does not require knowledge of medical terminology); and keyboarding. A minimum composite score of 75 is required along with a minimum typing speed of 45 WPM.
AND
 - B. Complete the COMPASS.* If COMPASS results indicate a reading deficiency, all Learning Support requirements for reading comprehension must be successfully completed before applicant will be considered for admission to the program. Note: Some applicants may be exempt from COMPASS testing. COMPASS scores within the last three years are accepted. COMPASS scores and any transcripts from other colleges must be turned into the RSCC Admission and Records Office by published application deadline. See the COMPASS webpage for registration directions, exemptions, and more.
 OR
 - Student scores a minimum of 90 on the grammar, spelling, and punctuation parts of the Healthcare Documentation Specialist Preadmission test.
OR
 - Students have an ACT score of 19 or above in Reading and 18 or above in English.*
OR
 - Student has a HESI score of 70% or above.*
OR
 - Completion of ENGL 1010 (Composition I) with a C or better.

Note: Scores are considered valid for 3 years or by program director approval.

4. Complete all other entrance requirements detailed on the Healthcare Documentation Specialist webpage.
5. Final selection of students will be made by the AHS Admissions Committee.

Note: Students may not register for discipline-specific courses until their major has been changed by the Allied Health Sciences/Nursing Admissions Advisor.

Note: Meeting minimum requirements does not guarantee acceptance. Preference will be given to Tennessee Residents.

Program Application and Deadline

June 15. Late applicants may be considered on a space-available basis.

Students will be notified electronically via RaiderNet email of acceptance to the Healthcare Documentation Specialist program. Students must acknowledge their acceptance via reply email by the designated response date stated in the acceptance email.

Criminal Background Checks

Criminal background checks and drug screening may be a requirement at affiliated clinical sites utilized for training in the Medical Transcription Program. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the Medical Transcription Program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude licensure or employment. More information is available from your program director.

Health Guidelines

Students will be required to meet all health guidelines of affiliated clinical agencies. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled. Students will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required, during the course of the program to demonstrate their physical and/or emotional fitness to meet the essential requirements of the program. Such essential requirements include freedom from communicable diseases, the ability to perform certain tasks, and suitable emotional fitness. Any appraisal measures used to determine such physical and/or emotional fitness will be in compliance with Section 504 of the Rehabilitation Act of 1973 and the American Disabilities Act of 1990. Students will be required to meet all health guidelines of the affiliating agencies. Students are responsible for cost incurred from injury or illness while in the Medical Transcription Program.

Retention

Students' grades will be evaluated at the end of each semester by the Program Director. A student must maintain the following standards or he/she will be dismissed from the program:

1. A grade of "C" or better in each specialty course.
2. Completion of specialty courses as specified by the certificate checklist. A student must be able to complete courses with the class in which he/she was admitted. A student who cannot graduate with the class in which he/she was admitted will be

dropped from that class and must re-apply to a subsequent class.

- Evidence of malpractice insurance and physical examination must be provided prior to clinical training.

The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Dean of Allied Health Sciences and the office of the Dean of Student Services and Multicultural Affairs.

Readmission Procedures

A student must request readmission after a grade of “D” or “F” is received in a core course or after withdrawal from the program at any time during the semester.

A student may be considered for readmission to the program if all of the following criteria are met:

- Students applying for readmission must meet all admissions criteria listed above.
The applicant must submit a readmission request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.
- One (1) readmission to the program will be permitted.
- The applicant applying for readmission may be required to interview with the Program Director for consideration of readmission before the review date by the AHS Admissions Committee.
- An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission.
- A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.
Note: The AHS Program Director will verify that all readmission documents and criteria including licensure/credentials are current and valid.
- Readmission to an Allied Health Sciences program is contingent upon the availability of space.
- Students who are dismissed for reasons associated with academic misconduct or violations of a code of ethics will not be considered for re-admission.
- A student must repeat the specialty course or courses for which he/she was dismissed and attain a “C” or better in the course.
- A student may be readmitted to the program within two year from the semester they failed. Before being considered for readmission they will be required to take a competency exam for those course(s) which they previously successfully completed. Upon successful completion of those exams they will be considered for readmission to the program and be required to take only the course(s) they failed. If they do not successfully complete the competency exam(s), they can reapply for admission but will have to repeat all courses. Successful completion of a competency exam(s) would mean a grade of 70 or greater.
- Healthcare Documentation Specialist I (HCDS 1504) must be repeated before students are allowed to enroll in Healthcare Documentation Specialist II and/or the Clinical Practicum (HCDS 1312).

1st Fall			Hours
HCDS	1302	Medical Terminology I	3
HCDS	1303	Anatomy Concepts in Healthcare Documentation	3
HCDS	1504	Healthcare Documentation Specialist I	5
HCDS	1305	Healthcare Documentation Specialist Procedures	3
HCDS	1210	Technology Concepts in Healthcare Documentation I	2
TERM TOTAL			16

Action Items

- Sept Complete Intent to Graduate with Faculty Advisor
- Nov Register for Spring and Summer terms

1st Spring			Hours
HCDS	1511	Healthcare Documentation Specialist II	5
HCDS	1218	Technology Concepts in Healthcare Documentation II	2
HCDS	1320	Medical Terminology II	3
HCDS	1325	Pharmacology Concepts in Healthcare Documentation	3
TERM TOTAL			13

Action Items

- Mar Turn in Graduation Participation Form
- April Begin job search using RaiderRecruit

1st Summer			Hours
HCDS	1312	Clinical Education	3
TERM TOTAL			3
TOTAL CERTIFICATE HOURS			32

HCDS	1350	Special Topics in Healthcare Documentation ¹ (Optional)	2-5
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¹HCDS 1350 is optional unless the total number of minutes transcribed is less than 2100 upon completion.

Students pursuing this certificate will be advised by the Allied Health Sciences Division. Students wishing to pursue an A.A.S. Allied Health Sciences with an emphasis in Medical Transcription should contact their advisor. A certain number of credit hours in each program must be completed in order to meet the graduation residency requirement. Contact your advisor for the requirement of your program.

<http://www.roanestate.edu/?6100-Medical-Transcription>

Pharmacy Technician

The Roane State Pharmacy Technician Certificate Program is a two-semester program preparing students to enter the pharmacy field as trained technicians. It is intended to provide comprehensive, quality training to students so they will be able to function in community and organized health care pharmacy settings. Upon completion of the certificate program students will be ready to obtain national certification by taking the Pharmacy Technician Certification Board (PTCB) examination.

All Pharmacy Technician courses are taught at the Oak Ridge Campus. Enrollment is limited.

Admission Requirements

1. Complete the Roane State Community College (RSCC) admissions process to become an admitted student.
2. Complete the electronic Allied Health Science (AHS) application on RaiderNet and submit by the published application deadline.
Note: When choosing the Planned Course of Study, select 'Pharmacy Technician'. If 'Pharmacy Technician' is not selected as a Planned Course of Study you will not be considered for the Pharmacy Technician Program.
3. The applicant must meet one of the following minimum academic requirements:
 - a. Students must attain a GPA of 2.0 or better after completion of at least 9 semester hours of courses.
OR
 - b. If the student is a first time freshman with no prior college coursework, a required admissions test score will be used (See #4)
4. Complete a required program admission examination:
 - a. See the TEAS V for AH webpage for registration directions, exemptions, and more.
Note: Qualified applicants will have an optimal TEAS V for AH score defined as an adjusted individual total score of at least the percentage mean for Pharmacy Technology. If a candidate does not meet that criterion but demonstrates, at minimum, the percentage mean for an individual subtest score in math and reading categories then consideration for admission will be given.
OR
 - b. Students may have an ACT score of 18 or above in both reading and math.
OR
 - Students may have a Compass score of 37 and above in math and 82 and above in reading.
OR
 - Student may have a HESI score of 70% or above.

Note: Students meeting minimum requirements are not guaranteed acceptance. Preference will be given to Tennessee residents.

Program Application Deadline

March 31. Late applicants may be considered on a space-available basis.

Criminal Background Checks

Criminal background checks and drug screening may be a requirement at affiliated clinical sites utilized for training in Health Science and Nursing programs. Based on the results of these checks, an affiliated clinical site

may determine to not allow your presence at their facility. This would result in your inability to successfully complete the requirements of a Health Science or Nursing program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude registration with the state board of pharmacy or employment. More information is available from your program director.

Health Guidelines

Students will be required to meet all health guidelines of affiliated clinical agencies. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled. Students will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required, during the course of the program to demonstrate their physical and/or emotional fitness to meet the essential requirements of the program. Such essential requirements include freedom from communicable diseases, the ability to perform certain tasks, and suitable emotional fitness. Any appraisal measures used to determine such physical and/or emotional fitness will be in compliance with Section 504 of the Rehabilitation Act of 1973 and the American Disabilities Act of 1990. Students will be required to meet all health guidelines of the affiliating agencies. Students are responsible for cost incurred from injury or illness while in the Pharmacy Technician Program.

Retention

A student must maintain the following standards or he/she will be dismissed from the program:

1. A grade of "C" or better in each specialty course.
2. Completion of specialty courses as specified by the certificate checklist. A student must be able to complete courses with the class in which he/she was admitted. A student who cannot graduate with the class in which he/she was admitted will be dropped from that class and must reapply to a subsequent class.
3. Prior to clinical training, evidence of malpractice insurance and a physical examination must be provided.
4. Students may have to register with the Tennessee Board of Pharmacy before attending clinicals.
5. Students admitted to the program whose use of alcohol or consciousness-altering drugs interferes with their performance will be referred for a drug screen and counseling. Failure to correct the problem will result in dismissal from the program. The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Dean of Allied Health Sciences and the office of the Dean of Students.

Readmission Procedures

A student must request readmission after a grade of "D" or "F" is received in a core course or after withdrawal from the program at any time during the semester.

A student may be considered for readmission to the program if all of the following criteria are met:

1. Students applying for readmission must meet all admissions criteria listed above. The applicant must submit a readmission

request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.

2. One (1) readmission to the program will be permitted.
3. The applicant applying for readmission may be required to interview with the Program Director for consideration of readmission before the review date by the AHS Admissions Committee.
4. An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission.
5. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.
Note: The AHS Program Director will verify that all readmission documents and criteria including licensure/credentials are current and valid.
6. Readmission to an Allied Health Sciences program is contingent upon the availability of space.
7. Students who are dismissed for reasons associated with academic misconduct or violations of a code of ethics will not be considered for re-admission.
8. A student must repeat the specialty course or courses for which he/she was dismissed and attain a "C" or better in the course.
9. A student may be readmitted to the program within one year from the semester they failed. Before being considered for readmission they will be required to take a competency exam for those course(s) which they previously successfully completed. Upon successful completion of those exams they will be considered for readmission to the program and be required to take only the course(s) they failed. If they do not successfully complete the competency exam(s), they can reapply for admission but will have to repeat all courses. Successful completion of a competency exam(s) would mean a grade of 70 or greater.

1st Fall			Hours
PHAR	1020	Sciences for Pharmacy Technicians	3
PHAR	1030	Pharmacology and Therapeutics I	2
PHAR	1050	Pharmacy Calculations	4
PHAR	1015	Basics of Pharmacy I	4
TERM TOTAL			13

Action Items		
Sept	Complete Intent to Graduate with Faculty Advisor	
Nov	Register for next term Complete clinical requirements in "My Record Tracker" (Background check, drug test, vaccines, physical, etc.)	

1st Spring			Hours
PHAR	1040	Pharmacology and Therapeutics II	2
PHAR	1110	Pharmacy Law and Ethics	2
PHAR	1135	Sterile Products	3
PHAR	1300	Seminar in Pharmacy	2
PHAR	1301	Advanced Pharmacy Practice	2
PHAR	1240	Pharmacy Clinical Rotations	4
TERM TOTAL			15

Action Items			
Mar	Turn in Graduation Participation Form		
April	Return all evaluations from clinical sites to the program director Begin job search using RaiderRecruit		
TOTAL CERTIFICATE HOURS			28

Students wishing to pursue an A.A.S. Allied Health Sciences with an emphasis in Pharmacy Technology should contact their advisor. A certain number of credit hours in each program must be completed in order to meet the graduation residency requirement. Contact your advisor for the requirement of your program.

<http://www.roanestate.edu/?5980-Pharmacy-Technician>

Polysomnography

Polysomnographic technology is an allied health specialty for the diagnosis and treatment of sleep disorders. There are over 80 different sleep disorders including sleep apnea, narcolepsy and insomnia.

Students will learn how to operate sophisticated electronic monitoring devices which record brain activity (EEG), muscle and eye movements, blood oxygen levels and physiological events. Polysomnography technologists are employed in sleep disorders centers in hospitals, clinics and office settings. This program will provide lectures, laboratory and clinical experiences at quality sleep centers. A major emphasis of the program will be to prepare technologists for board registration by the Association of Polysomnographic Technologists.

It is highly recommended that interested applicants tour a sleep center and observe a polysomnogram (sleep study) prior to beginning the program.

All Polysomnography courses are taught at the Knox Campus Center for Health Sciences Campus. Enrollment is limited.

Admission Requirements

1. Complete the Roane State Community College (RSCC) admissions process to become an admitted student.
2. Complete the electronic Allied Health Science (AHS) application on RaiderNet and submit by the published application deadline.
Note: When choosing the Planned Course of Study, select 'Polysomnography'. If 'Polysomnography' is not selected as a Planned Course of Study you will not be considered for the Polysomnography Program.
3. Complete the required program admission examination. See the TEAS V for AH webpage for registration directions, exemptions, and more.
4. Complete all other entrance requirements detailed on the Polysomnography webpage.
5. Qualified applicants will be interviewed prior to acceptance.

Note: Students may not register for discipline-specific courses until their major has been changed.

Note: Meeting minimum requirements does not guarantee acceptance. Preference will be given to Tennessee Residents.

Program Application Deadline

June 15. Late applicants may be considered on a space-available basis.

Criminal Background Checks

Criminal background checks and drug screening may be a requirement at affiliated clinical sites utilized for training in the Polysomnography Program. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the Polysomnography Program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude licensure or employment. More information is available from your program director.

Health Guidelines

Students will be required to meet all health guidelines of affiliated clinical agencies. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled.

Students will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required, during the course of the program to demonstrate their physical and/or emotional fitness to meet the essential requirements of the program. Such essential requirements include freedom from communicable diseases, the ability to perform certain tasks, and suitable emotional fitness. Any appraisal measures used to determine such physical and/or emotional fitness will be in compliance with Section 504 of the Rehabilitation Act of 1973 and the American Disabilities Act of 1990. Students will be required to meet all health guidelines of the affiliating agencies. Students are responsible for cost incurred from injury or illness while in the Polysomnography Program.

Retention

Students' grades will be evaluated at the end of each semester by the Program Director. A student must maintain the following standards or he/she will be dismissed from the program:

1. A grade of "C" or better in each specialty course.
2. Completion of specialty courses as specified by the certificate checklist. A student must be able to complete courses with the class in which he/she was admitted. A student who cannot graduate with the class in which he/she was admitted will be dropped from that class and must re-apply to a subsequent class.
3. Evidence of malpractice insurance and physical examination must be provided prior to clinical training.

The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Dean of Allied Health Sciences and the office of the Dean of Student Services and Multicultural Affairs.

Readmission Procedures

A student must request readmission after a grade of "D" or "F" is received in a core course or after withdrawal from the program at any time during the semester.

A student may be considered for readmission to the program if all of the following criteria are met:

1. Students applying for readmission must meet all admissions criteria listed above. The applicant must submit a readmission request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.
2. One (1) readmission to the program will be permitted.
3. The applicant applying for readmission may be required to interview with the Program Director for consideration of readmission before the review date by the AHS Admissions Committee.
4. An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission.
5. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.

Note: The AHS Program Director will verify that all readmission documents and criteria including licensure/credentials are current and valid.

6. Readmission to an Allied Health Sciences program is contingent upon the availability of space.
7. Students who are dismissed for reasons associated with academic misconduct or violations of a code of ethics will not be considered for re-admission.
8. A student must repeat the specialty course or courses for which he/she was dismissed and attain a "C" or better in the course.
9. A student may be readmitted to the program within two year from the semester they failed. Before being considered for readmission they will be required to take a competency exam for those course(s) which they previously successfully completed. Upon successful completion of those exams they will be considered for readmission to the program and be required to take only the course(s) they failed. If they do not successfully complete the competency exam(s), they can reapply for admission but will have to repeat all courses. Successful completion of a competency exam(s) would mean a grade of 70 or greater.

advisor. A certain number of credit hours in each program must be completed in order to meet the graduation residency requirement. Contact your advisor for the requirement of your program.

<http://www.roanestate.edu/?6118-Polysomnography>

1st Fall			Hours
PSG	101	Polysomnography I	4
PSG	104	Sleep Disorders Diagnosis and Treatments	4
PSG	116	Polysomnographic Interpretations	3
TERM TOTAL			11

Action Items

- Oct Meet with Faculty Advisor
Complete Intent to Graduate with Faculty Advisor
- Nov Register for next term

1st Spring			Hours
PSG	111	Polysomnography II	4
PSG	107	Polysomnographic EKG Interpretation	3
PSG	120	Clinical I	3
PSG	125	Clinical II ¹	(5)
TERM TOTAL			10

Action Items

- Jan Complete FAFSA if you plan to continue after certificate
- Mar Meet with Faculty Advisor
Complete Clinical Preparation Requirements
- April Register for next term

1st Summer			Hours
PSG	125	Clinical II ¹	5
HIT	107	Medical Terminology ²	3
TERM TOTAL			8

Action Items

- Jun Begin job search using RaiderRecruit

TOTAL CERTIFICATE HOURS 29

¹PSG 125 Clinical II is offered both in the Spring and Summer terms, but students only need to take the course once.

² May be completed prior to or at any time during the program.

Students pursuing this certificate will be advised by the Allied Health Sciences Division. Students wishing to pursue an A.A.S. Allied Health Sciences with an emphasis in Polysomnography should contact their

TN eCampus

The Tennessee Board of Regents (TBR) colleges and universities have joined together in offering TN eCampus. Most courses completed in TN eCampus are entirely online and are completely transferable among all the participating TBR institutions. Students are able to choose the college or university that will award their degree. All thirteen TBR two-year colleges deliver and award associate degrees, while all six TBR universities deliver and award bachelor degrees.

Associate Degrees and Certificates offered through TN eCampus:

- Associate of Arts (A.A.) - General Studies
- Associate of Science (A.S.) - General Studies
- Associate of Applied Science (A.A.S.) - Criminal Justice, Early Childhood Education, Health Information Technology, Professional Studies: Information Technology, Web Technology
- Technical Certificate - Web Page Authoring

Students who pursue online programs should be highly motivated, independent, active learners who have good organizational and time management skills. Students should also have the discipline to study without external reminders and be able to adapt to new learning environments. Visit <http://www.tnecampus.org/> or call 1-866-462-7722 ext. 4602 or 865-882-4602 for more information. Visit their website for current course offerings, other program offerings, and required books.

Students must meet the graduation requirements of the home institution. The college catalog of the home institution is the final authority for all degree and program requirements. Students must meet Roane State's graduation requirements.

Course Descriptions

Note: The terms in which a course is normally taught is at the end of each description (F=Fall, Sp=Spring, Su=Summer).

Accounting

ACCT 1010 Principles of Accounting I Credits: 3

Basic principles and procedures in accounting relating to the complete accounting cycle for both service and merchandising companies owned as sole proprietorships and as corporations. Also, detailed analysis of assets and liabilities and owner's equity. F, Sp, Su

Course designed for transfer and part of the TN Transfer Pathways.

ACCT 1020 Principles of Accounting II Credits: 3

Continues with corporate accounting and long-term liabilities, cash flow statement, and analysis of financial statements. Also, an emphasis on managerial and cost accounting for making sound business decisions. (Prerequisite: ACCT 1010; a grade of C or better is strongly recommended in ACCT 1010) F, Sp

Course designed for transfer and part of the TN Transfer Pathways.

ACCT 2321 Intermediate Accounting I Credits: 3

Extensive analysis of the principal elements of accounting systems and statements with emphasis on the assets, liabilities, and stockholder's equity of the balance sheet. (Prerequisite: ACCT 1020; a grade of 'C' or better is strongly recommended in ACCT 1020)

Formerly ACCT 2330

Not part of a TN Transfer Pathway

Effective 2017 Summer Semester, the following will be changing for ACCT 2321:

The course description is changing to: Extensive analysis of the principal elements of accounting systems and statements with emphasis on the assets, liabilities, and stockholder's equity of the balance sheet. (Prerequisite: ACCT 1020; a grade of 'C' or better is strongly recommended in ACCT 1020)

Not part of a TN Transfer Pathway

ACCT 2331 Tax Accounting Credits: 3
 Federal income tax laws with emphasis on the preparation of returns for individuals. Both manual and computerized tax returns will be prepared. (Prerequisite: ACCT 1010 & 1020)
 Formerly ACCT 2250
 Not part of a TN Transfer Pathway
Effective 2017 Summer Semester, the following will be changing for ACCT 2331:
 The course description is changing to: Federal income tax laws with emphasis on the preparation of returns for individuals. Both manual and computerized tax returns will be prepared. (Prerequisite: ACCT 1010 & 1020)
 Not part of a TN Transfer Pathway

ACCT 2332 Topics in Taxation Credits: 3
 This course introduces the student to specialized topics in taxation. Formerly ACCT 2260
 Not part of a TN Transfer Pathway.
Effective 2017 Summer Semester, the following will be changing for ACCT 2332:
 The course description is changing to: This course introduces the student to specialized topics in taxation.
 Not part of a TN Transfer Pathway.

ACCT 2341 Cost Accounting Credits: 3
 Principles of manufacturing and distribution cost accounting. Material, labor, and overhead costs in job order and process cost accounting, budgeting analysis of cost distribution, standard costing, and related problems. (Prerequisite: ACCT 1020; a grade of 'C' or better is strongly recommended in ACCT 1020)
 Not part of a TN Transfer Pathway

ACCT 2351 Auditing Credits: 3
 An introduction to auditing. The course emphasizes the traditional role of the latest function and rendering of an opinion on published financial statements. Topics include generally accepted auditing standards (GAAS), the auditor's report (opinion), professional ethics, audit evidence, planning the audit and the evaluation of risk and the professional responsibility and legal liability relative to auditing standards. (Prerequisite: ACCT 1020)
 Not part of a TN Transfer Pathway

ACCT 2361 Fund Accounting Credits: 3
 The theory and practice of a fund accounting system used by a not-for-profit entity. Emphasis is on the budget process, appropriations and revenue funds for governmental agencies, schools, charities, and not-for-profit medical facilities. (Prerequisite: ACCT 1010 or consent of instructor) F
 Formerly ACCT 2270
 Not part of a TN Transfer Pathway
Effective 2017 Summer Semester, the following will be changing for ACCT 2361:
 The course description is changing to: The theory and practice of a fund accounting system used by a not-for-profit entity. Emphasis is on the budget process, appropriations and revenue funds for governmental agencies, schools, charities, and not-for-profit medical facilities. (Prerequisite: ACCT 1010 or consent of instructor) F
 Not part of a TN Transfer Pathway

ACCT 2382 Accounting Systems Application Credits: 3
 A course designed to acquaint business management majors with commercial accounting software applications. (Prerequisites: ACCT 1010 and INFS 1010; a grade of 'C' or better is strongly recommended in ACCT 1010)
 Not part of a TN Transfer Pathway

Agriculture

AGRI 1020 Introduction to Animal Science Credits: 4
 This course will introduce the student to the broad field of animal science including a basic study of the anatomy and physiology of farm animals, livestock production systems, and contemporary issues regarding animal science. The student will become familiar with the fundamentals of feeding, genetics, marketing, animal health, and meat production. The student should also develop an appreciation for the importance of the livestock and meats industry in today's economy. 3 hour lecture and 2 hour lab. (Prerequisites: BIOL 1110 and BIOL 1120)
 This course may be charged a lab fee. F, Sp
 Not part of a TN Transfer Pathway.

AGRI 1030 Introduction to Plant Science Credits: 4
 This course will introduce the student to the broad field of plant science including a basic study of the structure, reproduction, physiology, ecology, and classification of plants. The student will become familiar with the principles and practices involved with the culture, management, and utilization of economically important horticultural and agronomic crops.
 Not a part of a TN Transfer Pathway.

Allied Health

ALH 1010 Introduction to Health-Related Professions Credits: 3
 This course is designed for students who are interested in exploring, planning, and preparing for a career as a health care practitioner. The course presents the essential information that students need to make an informed decision about the health care discipline they would like to pursue that best matches their individual interests, skills, and abilities. Course materials and student projects will develop the student's awareness of the demands and expectations of health care professionals, including technical, ethical, legal, and professional competencies. (3 lecture hours/week)
 Not part of a TN Transfer Pathway

ALH 102 Introduction to Physical Therapy Credits: 2

This is a web course that introduces the student to the profession of physical therapy and the concepts of the total patient. Current issues in health care that impact physical therapy are investigated. It provides information about the role of the physical therapist assistant in terms of professional, legal and ethical standards. It also provides an introduction to the concepts of disability, cultural diversity and ethical decision-making. Part of this class requires the student to complete 12 hours of observation in a physical therapy setting under the supervision of a registered PT or PTA. This experience will be documented and satisfy one of the course requirements as well as serving as one of the admissions criteria. Open to all students. (2 lecture hours/week)
Not part of a TN Transfer Pathway.

ALH 103 Introduction to Radiologic Technology Credits: 2

This course provides an orientation to the profession, the radiology department, and the hospital organization. Topics include basic radiation protection, body mechanics, patient care, medical terminology, medical ethics, and legal issues. Part of this class requires that the student complete 8 hours of observation in a hospital diagnostic radiology setting. This experience will be documented and satisfy one of the course requirements as well as serving as one of the admissions criteria. Open to all students (2 lecture hours/week)
Not part of a TN Transfer Pathway.

ALH 118 Terminology for Medical Communication Credits: 2

This is a web course that allows the student to use a combination of learning tools to gain a sound background in medical terminology. This will allow the student to communicate effectively with other professionals. 2 lecture hrs/week
Not part of a TN Transfer Pathway.

ALH 119 Keyboarding for Allied Health Science Professionals Credits: 3

A software-based computer course designed to develop proper touch keyboarding techniques. Speed, accuracy and control are emphasized in developing mastery for alphabetic, numeric, and symbol information input. This course is designed specifically for students choosing a career in Healthcare Documentation Specialist or a related healthcare discipline. The course will not be considered a substitute for INFS 1010 or related computer science courses. Note: A net minimum typing speed of 45 words per minute is required. 3 hours/week
Not part of a TN Transfer Pathway.

ALH 210 Global Perspectives on Health: Community Based Rehabilitation Credits: 3

This course will expose students to views of health, wellness, and social acceptance from a different cultural perspective. Basic human rights including physical, mental and social well-being will be considered. Conditions supporting or denying these basic rights will be explored. Students will be expected to immerse themselves in the lifestyle of the host country, including working alongside local residents, service providers and recipients of services.
Not part of a TN Transfer Pathway

ALH 211 Management and Leadership for Allied Health Supervisors Credits: 3

This course is designed to introduce the student to management functions and leadership principles and their application in health care organizations. Student projects will develop the student's ability to apply the principles of organizational theory, management theory, management style and behavioral aspects of management across a variety of health care settings. Many allied health practitioners will assume the role of a manager during the course of their career. This course is designed to provide theory and application focusing on the development of leadership and management strategies and skills to prepare these practitioners to assume professional responsibilities in management and administration. (3 lecture hours/week)
Not part of a TN Transfer Pathway.

ALH 212 Contemporary Issues in Healthcare Credits: 3

This is an issues oriented course that examines the healthcare delivery system in the United States. The course examines the entire continuum of care and uses the construct of a fully integrated system as a means to evaluate the current system to develop recommendations for further developments. The intent is to identify the key issues confronting healthcare today, examine the causes and develop reasonable solutions to the current set of problems. The student will develop an understanding of the unique interplay of the new and changing health care, technology, work force, research findings, financing, regulations, and personal and professional behaviors, values and assumptions that underlie the current health care system. (3 lecture hours/week)
Not part of a TN Transfer Pathway.

ALH 213 Special Topics in Healthcare Management Credits: 3

This course is designed to allow the student the opportunity to engage in independent study of a selected topic of interest in the field of health care administration, which will enhance the student's ability to function more effectively as a manager in the healthcare field. The course is conducted in a seminar or symposium format where each student is an active and involved participant in the selection of topic questions and material to be covered. Topics might include organizational learning, women in leadership, adult learning, leadership and culture, re-engineering and organizational learning. (3 lecture hours/week)
Not part of a TN Transfer Pathway.

ALH 214 Medical Law and Ethics Credits: 3

This course provides an introduction to legal and ethical issues that impact health care professionals. Laws and regulations related to the health care industry such as HIPAA, Patient Bill of Rights, and standard of care are addressed. In addition, ethical and moral issues that health care professionals may encounter are presented. The student will develop an understanding of the unique interplay of the new and changing health care, technology, work force, research, financing, regulation, and personal and professional behaviors, values and assumptions that underlie the current health care system. 3 lecture hrs/ week.
Not a part of TN Transfer Pathway

ALH 215 Experiential Learning Credits: 3

This course is designed to accommodate the student licensed/credentialed in a health sciences discipline and has significant work experience in that discipline but who has not attended a formal postsecondary program. The student will receive directed guidance in the development of an Experiential Learning portfolio, as described in the Experiential Learning Student Guide, for which they may receive college credit based on demonstrated achievement of college-level competencies in their discipline. 3 lecture hrs/week
Not part of a TN Transfer Pathway

**ALH 216 Experiential Learning Portfolio Credits: 3
TO 27**

The student will submit an Experiential Learning portfolio, as described in the Experiential Learning Student Guide, for which they may receive college credit based on demonstrated achievement of college-level competencies in their discipline. The Experiential Learning portfolio will be evaluated by one (1) faculty member with demonstrated expertise in the designated health sciences discipline using the criteria established by the Council for the Advancement of Experiential Learning (CAEL) as published in the Experiential Learning Student Guide. Tuition/fees for this course will be based on the recommended college credit hours to be awarded, and will not exceed \$90. Credit hours earned in the course may not be used to satisfy any graduation residency requirements. 3 lecture hrs/week
Not part of a TN Transfer Pathway.

ALH 254 Human Cross Sectional Anatomy Credits: 3

A study of the human body in a cross-sectional context. Emphasis will be placed on major anatomical features and radiologic landmarks. Students also explore soft tissue details as resolution allows. This course will serve to prepare students for conventional tomographic radiology, computer tomography, positron emission tomography, magnetic resonance scanning and ultrasonography. (Crosslisted with BIOL 2540) This course does not meet any curricular requirements for any program, with the exception of the technical requirement for the A.A.S. General Technology program. (3 lecture hours/week and demonstration exercises)
Not part of a TN Transfer Pathway.

Anthropology

ANTH 1130 Intro to Physical Anthropology Credits: 3

Focuses on the range of human genetic variation and adaptation that is demonstrated in living populations today, comparisons of biology and behavior between human and non-human primates and examination of our human prehistory as outlined in the fossil record. (Prerequisite: Completion of Reading Learning Support, if required) Sp
Course designed for transfer and part of the TN Transfer Pathways. Roane State General Education Course approved and designed for transfer (TTP Course).

ANTH 2150 Native American Studies Credits: 3

A general survey of native American cultures with emphasis on cultural development, diversity, and comparative analysis. Topics include prehistory, social organization, kinship, politics, religion, and material culture, as well as discussion of current Native American concerns. Course availability determined by dean.
Roane State General Education course approved and designed for transfer.

Art History

ARTH 1030 Art Appreciation Credits: 3

Form and meaning in the visual arts, lecture-discussion. Especially for non-majors. F, Sp
Roane State General Education course approved and designed for transfer.

ARTH 2010 Survey of Art History I Credits: 3

Survey of major monuments in Western art, with an emphasis on the art of Europe from prehistory through the Middle Ages. Class availability determined by program director.
Roane State General Education course approved and designed for transfer.

ARTH 2020 Survey of Art History II Credits: 3

Survey of major monuments in Western art, with an emphasis on Europe and America from 1400 to the present. Class availability determined by program director.
Roane State General Education course approved and designed for transfer.

ARTH 2030 Survey of Contemporary Art Credits: 3

Survey of major monuments in Western art, with an emphasis on Europe and America from 1400 to the present. Class availability determined by program director.
Not part of a TN Transfer Pathway.

ARTH 2500 Special Topics In Art History Credits: 3

An in-depth study of selected topics in the history of art, including specific artists, stylistic movements, methodology, and/or art criticism. Topics to be announced.
Not part of a TN Transfer Pathway.

Art Studio

ARTP 1000 Studio Fundamentals: Drawing Credits: 2

Development of observational skills and perception of reality. Fundamental aspects of drawing - line, tone, space, form, and composition. Primarily for art, architecture, interior design, and art education majors. Additional work may be required outside class. (2 hours lecture, 2 hours laboratory) F
Not part of a TN Transfer Pathway.

ARTP 1010 Drawing I Credits: 3

Exploration and refinement of fundamental aspects of drawing with emphasis on composition, techniques, and concepts. A minimum of two hours drawing outside class is required. (3 hours lecture, 3 hours laboratory) F, Sp
Course designed for transfer and part of the TN Transfer Pathways.

ARTP 1020 Drawing II Credits: 3

A continuation of Drawing I. (Prerequisite: ARTP 1010 or instructor approval) (3 hours lecture, 3 hours laboratory) F, Sp
Course designed for transfer and part of the TN Transfer Pathways.

ARTP 1110 Two Dimensional Design Credits: 3

Surface composition and color. Primarily for art, architecture, interior design, and art education majors. Additional work may be required outside class. (3 hours lecture, 3 hours laboratory) F
Course designed for transfer and part of the TN Transfer Pathways.

ARTP 1120 Three Dimensional Design Credits: 3

Projects dealing with real space and three dimensional materials. Primarily for art, architecture, art education, and interior design and housing majors. Additional work may be required outside class. (3 hours lecture, 3 hours laboratory) Sp
Course designed for transfer and part of the TN Transfer Pathways.

ARTP 1130 Painting I: Introduction Credits: 3

An introduction to the techniques, materials, and tools of oil and acrylic painting. 3 hours lecture, 3 hours laboratory (Prerequisite: ARTP 1000 or ARTP 1110 or instructor approval) F, Sp
Not part of a TN Transfer Pathway.

ARTP 1140 Painting II Credits: 3

A continuation of ARTP 1130 with an emphasis on individual experimentation. 3 hours lecture, 3 hours laboratory (Prerequisite: ARTP 1130) F, Sp
Not part of a TN Transfer Pathway.

ARTP 1200 Drawing III Credits: 3

A continuation of Drawing II. 3 hours lecture, 3 hours laboratory (Prerequisite: ARTP 1020 or instructor approval) Class availability determined by program director.
Not part of a TN Transfer Pathway.

ARTP 1310 Photography I Credits: 3

Introduction to the art of black and white photography. Field and studio shooting, history of photography, basic developing, and enlarging techniques. Some outside lab work will be necessary. Some additional fees for supplies may be required. (3 hours lecture, 3 hours laboratory) F, Sp
Not part of a TN Transfer Pathway.

ARTP 1320 Photography II Credits: 3

Individual research in specific photographic topics. Some additional fees for supplies may be required. 3 hours lecture, 3 hours laboratory (Prerequisite: ARTP 1310) F, Sp
Not part of a TN Transfer Pathway.

ARTP 1330 Photography III Credits: 3

Continued individual research in specific photographic topics. Some additional fees for supplies may be required. 3 hours lecture, 3 hours laboratory (Prerequisite: ARTP 1320) F, Sp
Not part of a TN Transfer Pathway.

ARTP 1340 Photography IV Credits: 3

Continued individual research in specific photographic topics. Some additional fees for supplies may be required. 3 hours lecture, 3 hours laboratory (Prerequisite: ARTP 1330) F, Sp
Not part of a TN Transfer Pathway.

ARTP 1350 Photography V Credits: 3

Continued individual research in specific photographic topics. Some additional fees for supplies may be required. 3 hours lecture, 3 hours laboratory (Prerequisite: ARTP 1340) Class availability determined by program director.
Not part of a TN Transfer Pathway.

ARTP 1360 Photography VI Credits: 3

Continued individual research in specific photographic topics. Some additional fees for supplies may be required. 3 hours lecture, 3 hours laboratory (Prerequisite: ARTP 1350) Class availability determined by program director.
Not part of a TN Transfer Pathway.

ARTP 1410 Beginning Graphic Design Credits: 3

Survey of graphic design; tools, materials, techniques; lettering, and use of type; layout and design. Some additional work may be required outside class. 3 hours lecture, 3 hours laboratory (Prerequisites: ARTP 1110 & ARTP 1420) F
Not part of a TN Transfer Pathway.

- ARTP 1420 Computer Art** Credits: 3
Introduction to various applications of Computer Graphics and an overview of examples produced with the newest technology. Hands-on experience in working with computer graphics software to solve a variety of design problems with simple computer graphics. Emphasis on applying the principles of art design to the media to create clear and creative graphic. A minimum of 3 hours lab work per week will be necessary to complete course work. F, Sp
Not part of a TN Transfer Pathway.
- ARTP 1430 Computer Art II** Credits: 3
Advanced exploration of computer applications and graphic design for pagination, presentation, illustration, three dimensional modeling, or animation. 2 hours lecture, 1 hour laboratory per week required AND 4-6 hours per week (minimum) computer lab time. (Prerequisite: ARTP 1420) F, Sp
Not part of a TN Transfer Pathway.
- ARTP 1440 Computer Art III** Credits: 3
Continuation of ARTP 1430. 2 hours lecture, 1 hour laboratory per week required AND 4-6 hours per week (minimum) computer lab time. (Prerequisite: ARTP 1430) F, Sp
Not part of a TN Transfer Pathway.
- ARTP 1450 Computer Art IV** Credits: 3
Continuation of ARTP 1440. 2 hours lecture, 1 hour laboratory per week required AND 4-6 hours per week (minimum) computer lab time. (Prerequisite: ARTP 1440) F, Sp
Not part of a TN Transfer Pathway.
- ARTP 1510 Ceramics I: Handbuilding** Credits: 3
All ceramic handbuilding techniques including forming methods, glazing, clay preparation, firing, small and large scale pieces. Ceramic history through slide lectures. Some work outside class may be required. (3 hours lecture, 3 hours laboratory) Class availability determined by program director.
Not part of a TN Transfer Pathway.
- ARTP 1520 Ceramics II: Throwing** Credits: 3
Thrown ceramic forms including functional utilitarian pottery techniques, glazing and firing methods. Some work outside class may be required. 3 hours lecture, 3 hours laboratory. Class availability determined by program director. (Prerequisite: ARTP 1510)
Not part of a TN Transfer Pathway.
- ARTP 1530 Ceramics III** Credits: 3
Continued individual research in specific ceramic techniques including hand building, wheel throwing, and advanced surface exploration. 3 hours lecture, 3 hours laboratory (Prerequisite: ARTP 1520) F, Sp
Not part of a TN Transfer Pathway.
- ARTP 1540 Ceramics IV** Credits: 3
Continued individual research in specific ceramic techniques including hand building, wheel throwing, and advanced surface exploration. 3 hours lecture, 3 hours laboratory (Prerequisite: ARTP 1530) F, Sp
Not part of a TN Transfer Pathway.
- ARTP 1610 Printmaking I** Credits: 3
An introduction to basic printmaking processes such as relief and intaglio, including operation of a press, inking techniques, and registration. (3 hours lecture, 3 hours laboratory) Class availability determined by program director.
Not part of a TN Transfer Pathway.
- ARTP 1620 Printmaking II** Credits: 3
Continuation of ARTP 1610. 3 hours lecture, 3 hours laboratory (Prerequisite: ARTP 1610) Class availability determined by program director.
Not part of a TN Transfer Pathway.
- ARTP 1650 Video I** Credits: 3
Exploration of video as an art form. Introduction to contemporary video practice including experimental video, video installation, documentary, and narrative forms. (3 hours lecture, 3 hours lab) Class availability determined by program director.
Not part of a TN Transfer Pathway.
- ARTP 1660 Video II** Credits: 3
Continuation of ARTP 1650, Video I. 3 hours lecture, 3 hours lab (Prerequisite: ARTP 1650) Class availability determined by program director.
Not part of a TN Transfer Pathway.
- ARTP 1670 Video III** Credits: 3
Continuation of ARTP 1660 Video II. 3 hours lecture, 3 hours lab (Prerequisite: ARTP 1660) Class availability determined by program director.
Not part of a TN Transfer Pathway.
- ARTP 1810 Visions Seminar I** Credits: 2
Emphasis on research, creative processes, scriptwriting and problem solving in the conceptualization of original projects or the visualization of assigned problems. Group critiques will assist students in the formation and polishing of content for work to be produced with the computer or traditional media. F, Sp
Not part of a TN Transfer Pathway.
- ARTP 1820 Visions Seminar II** Credits: 2
Continuation of ARTP 1810. (Prerequisite: ARTP 1810) F, Sp
Not part of a TN Transfer Pathway.
- ARTP 1830 Visions Seminar III** Credits: 2
Continuation of ARTP 1820. (Prerequisite: ARTP 1820) F, Sp
Not part of a TN Transfer Pathway.

ARTP 1840 **Visions Seminar IV** Credits: 2
Continuation of ARTP 1830. (Prerequisite: ARTP 1830) F, Sp
Not part of a TN Transfer Pathway.

ARTP 2050 **Web Design I** Credits: 3
Design and development of websites. 3 hours lecture, 3 hours laboratory
(Prerequisite: ARTP 1420 or instructor approval) Class availability
determined by program director.
Not part of a TN Transfer Pathway.

ARTP 2060 **Web Design II** Credits: 3
Continuation of ARTH 2050. 3 hours lecture, 3 hours laboratory
(Prerequisite: ARTP 2050) Class availability determined by program
director.
Not part of a TN Transfer Pathway.

ARTP 2070 **Animation I** Credits: 3
This course is an introduction to basic skills and concepts of 3D
animation, modeling, lighting, camera movement, and rendering.
Students will learn how to create storyboards and explore the animation
development process. F, Sp
Not part of a TN Transfer Pathway.

ARTP 2080 **Animation II** Credits: 3
This course continues with intermediate 3D animation and modeling
including topics such as hierarchical animation, animation graphs and
more advanced script development. (Prerequisite: ARTP 2070) F, Sp
Not part of a TN Transfer Pathway.

ARTP 2090 **Animation III** Credits: 3
Advanced topics in 3D modeling/animation, composition and the
development of independent creative work. (Prerequisite: ARTP 2080)
F, Sp
Not part of a TN Transfer Pathway.

ARTP 2110 **Watercolor I: Introduction** Credits: 3
Techniques, materials, and tools of transparent watercolor. A minimum
of two hours painting outside class will be required. 3 hours lecture, 3
hours laboratory (Prerequisites: ARTP 1000 or ARTP 1110 or instructor
approval) F, Sp
Not part of a TN Transfer Pathway.

ARTP 2120 **Watercolor II** Credits: 3
Further study of the techniques of transparent watercolor, with attention
to individual exploration of surface, space, and concept. A minimum
of two hours painting outside class will be required. 3 hours lecture, 3
hours laboratory (Prerequisite: ARTP 2110) F, Sp
Not part of a TN Transfer Pathway.

Astronomy

ASTR 1010 **Introduction to Astronomy I** Credits: 4
An introductory survey, with accompanying laboratory, treating the
composition, structure, and dynamics of the universe and introducing
the basic vocabulary of astronomy and the principles of the scientific
method. Components of the solar system are discussed, and hypothesis
and theories of the origin and evolution of the solar system are
considered in the light of current knowledge and scientific reasoning. (3
hours lecture, 3 hours laboratory) F
Roane State General Education course approved and designed for
transfer.

ASTR 1020 **Introduction to Astronomy II** Credits: 4
A continuation of ASTR 1010 in which the sequence of stellar birth,
evolution, and death is studied. Characteristics of galaxies and of
the beginning of the universe are considered in view of modern
astrophysics and particle physics. Principles of interpreting astronomical
observations are reinforced through laboratory experience. (Prerequisite:
ASTR 1010) 3 hours lecture, 3 hours laboratory. Sp
Roane State General Education course approved and designed for
transfer.

Biology

BIOL 1110 **General Biology I** Credits: 4
Introduction to the study of Biology, Biological Chemistry, Cell
Structure and Function, Cell Reproduction, Genetics and Inheritance.
Each student is assessed a lab fee for this course. (3 hours lecture, 2
hours laboratory) F, Sp, Su
Roane State General Education course approved and designed for
transfer.

BIOL 1120 **General Biology II** Credits: 4
Evolution, Biological Diversity, Ecology. (Prerequisite: BIOL 1110)
Each student is assessed a lab fee for this course. (3 hours lecture, 2
hours laboratory) F, Sp, Su
Roane State General Education course approved and designed for
transfer.

BIOL 2010 **Human Anatomy and Physiology I** Credits: 4
A study of basic biological chemistry, cellular structure and function
(including cellular respiration, protein synthesis and cell division),
histology, and integumentary, skeletal and nervous system. The
laboratory will provide experiments to illustrate principles covered in
lecture. (Prerequisite: All learning support classes must be completed
prior to enrollment in this course.) Each student is assessed a lab fee for
this course. (3 hours lecture, 3 hours laboratory) F, Sp, Su
Roane State General Education course approved and designed for
transfer. (TTP course)

BIOL 2015 Environmental Science Credits: 3

A study of chemical, physical and biological processes in nature and how human dependence on these systems is compromised by our activities. Lecture and laboratory activities provide instruction in such topics as resource management, nutrient cycles, biomes, ecosystems, air and water quality, climate, human population growth, soil conservation, and waste management. (This course satisfies the three hour natural science requirement for AAS career education programs such as Paralegal, Criminal Justice, Business, and Contemporary Management. Students planning to transfer into a baccalaureate program should consult their advisor when choosing natural science electives.) F, Sp
Not part of a TN Transfer Pathway.

BIOL 2020 Human Anatomy and Physiology II Credits: 4

A study of the anatomy and physiology of the muscular, circulatory and immune systems, respiratory, digestive, excretory, endocrine and reproductive systems. The laboratory will provide anatomical investigation of and physiological experimentation with these systems. 3 hours lecture, 3 hours laboratory (Prerequisite: BIOL 2010) Each student is assessed a lab fee for this course. F, Sp, Su
Roane State General Education course approved and designed for transfer. (TTP course)

BIOL 2110 Field Biology Credits: 3

An elective field-oriented course covering fauna and flora identification, basic ecological principles, and outdoor skills. The course will generally be offered as a combination of classroom instruction followed by an extended field experience. A special fee will be assessed to cover equipment, food, and transportation costs. Su
Not part of a TN Transfer Pathway.

BIOL 2120 Cell Biology Credits: 4

A study of cellular structure and function including cell membranes, organelles, extracellular matrix, enzymes, cell cycle, DNA replication, transcription, translation, and control of gene expression. Special topics include molecular biology, cancer biology, immunology, and cellular communication. 3 hours lecture, 3 hours laboratory (Prerequisites: BIOL 1110, 1120 or the equivalent of 2 years of high school biology and CHEM 1110 and 1120.) Each student will be assessed a lab fee for this course. F
Not part of a TN Transfer Pathway.

BIOL 2230 Microbiology Credits: 4

An introductory course in microbiology dealing with bacteria, fungi, yeast, viruses, arthropod vectors and helminths to include discussions of cell structure, identification, taxonomy, metabolism, genetics, resistance, infection, disease, and immunity. Laboratory work includes aseptic techniques, biochemical tests and identification of unknowns to complement lecture material. 3 hours lecture, 3 hours laboratory (Prerequisite: BIOL 1110 or 2010 or equivalent college level biology.) Each student will be assessed a lab fee for this course. F, Sp, Su
Not part of a TN Transfer Pathway.

BIOL 2300 Tropical Biology Credits: 4

This course will provide an introduction to the biology on a selected tropical location. No previous knowledge of marine science is assumed or required. A variety of marine ecosystems will be used to develop an understanding of the scientific principles and processes that are basic to all forms of life in and around the sea. These ecosystems will include, but are not limited to, sea turtles, mangrove forests, coral reef communities, bioluminescence, and marine microbiology. Students may also gain specific job-related skills such as advanced SCUBA certification, Professional Association of Diving Instructors (PADI) Enriched Air SCUBA certification, the PADI Coral Reef Specialty certification, as well as research skills which could possibly assist them in securing employment in the marine science industry. (Prerequisites: PHED 1450 or permission of instructor) Sp
Not part of a TN Transfer Pathway.

BIOL 2400 Coastal Marine Ecology (Active, effective Summer 2017) Credits: 4

This course will provide an introduction to the ecology on selected coastal marine locations. No previous knowledge of ecology or marine science is assumed or required. A variety of marine ecosystems will be used to develop an understanding of the scientific principles and processes that are basic to all forms of life in and around the coastal areas. These ecosystems will include, but are not limited to, marine wetlands, sea grass beds, sand dune ecology, tide pools, mangrove forests, coral reef communities, bioluminescence, and marine microbiology. Students may also gain specific job-related skills such as advanced SCUBA certification, Professional Association of Diving Instructors (PADI) Enriched Air SCUBA certification, the PADI Shark Awareness Specialty certification, as well as research and possible boat handling skills which could possibly assist them in securing employment in the marine science industry. (Prerequisite: PHED 1450 or permission of instructor) Sp
Not part of a TN Transfer Pathway

BIOL 2510 Independent Scientific Investigation Credits: 2 TO 6

Independent laboratory/library research in biology by qualified students under the supervision of a faculty member. Especially designed to develop interest in and to apply techniques of scientific research. Up to six (6) credit hours may be earned. (Prerequisite: consent of the faculty member)
Not part of a TN Transfer Pathway.

BIOL 2520 Independent Scientific Investigation II Credits: 2 TO 6

Independent laboratory/library research in biology by qualified students under the supervision of a faculty member. Especially designed to develop interest in and to apply techniques of scientific research. Up to six (6) credit hours may be earned. (Prerequisite: consent of the faculty member)
Not part of a TN Transfer Pathway.

BIOL 2530 **General Ecology** Credits: 4
 Relations between organisms and their environments, including human environmental problems. (Prerequisites: BIOL 1110 or the equivalent of 2 years of high school biology and satisfactory ACT scores.) Each student is assessed a lab fee for this course. (3 hours lecture, 2 hours laboratory/fieldwork) Sp
 Not part of a TN Transfer Pathway.

BIOL 2600 **Biology Seminar** Credits: 1
 TO 4
 In-depth analysis of a particular topic, concern or problem in the biological sciences. Courses can be oriented toward any one of the biological sciences or may be cross-disciplinary in nature, combining several disciplines in biology. Biology elective credit only. Course availability determined by dean.
 Not part of a TN Transfer Pathway.

Business

BUSN 1110 **Career Planning** Credits: 1
 This web-enhanced course emphasizes career assessment, employment searches, networking, resume building, and interviewing techniques. The course will give major exposure to the tools and information available and necessary for acquiring employment. F, Sp
 Not part of a TN Transfer Pathway.
 Formerly BUS 100

BUSN 1125 **Introduction to Computer Presentations** Credits: 1
 Introduction to creating digital presentations that include sound, video, charts, graphics and other enhancements. F, Sp
 Not part of a TN Transfer Pathway.
 Formerly BUS 1025

BUSN 1126 **Business Spreadsheet Fundamentals** Credits: 1
 Introduction to spreadsheet and chart creation and design; including table formatting, formulas, and functions. F, Sp
 Not part of a TN Transfer Pathway.
 Formerly BUS 1030

BUSN 1127 **Introduction to Database** Credits: 1
 Introduction to database management in a business environment including: terminology, creation, querying, report generation, and defining table relationships.
 Not part of a TN Transfer Pathway.
 Formerly BUS 1035

BUSN 1300 **Personal Finance** Credits: 3
 A course designed to aid the student in practical money management. Topics included are charting financial objectives; budgeting; consumer borrowing, renting, and buying; investing; employee benefits and taxation. (Prerequisite: Completion of Reading Learning Support, if required) F, Sp
 Not part of a TN Transfer Pathway.
 Formerly BUS 112

BUSN 1305 **Introduction to Business** Credits: 3
 Orientation course designed to introduce the basic functions of business as a framework for further detailed study into business management and the functional areas of accounting, software applications, marketing, leadership, organizational design, etc. Included are vocational/career opportunities, business terminology, and the functions/theories that are utilized in the process of business management. F, Sp
 Not part of a TN Transfer Pathway.
 Formerly BUS 1010

BUSN 1310 **Business Communications** Credits: 3
 This course focuses on the principles of written and oral communication skills in a business environment. Business letters, memos, e-mail, reports, and presentations, along with other projects, will be covered. Emphasis will be on organization, composition, and evaluation of communications for specific purposes, as well as style, mechanics, and grammar. (Pre- or corequisite: ENGL 1010) F, Sp
 Not part of a TN Transfer Pathway.
 Formerly BUS 203

BUSN 1320 **Business Calculations** Credits: 3
 A course dealing with mathematics as applied to business operations. Included are mathematics of trading, operating, finance, ownership and investment, and summary and analysis. (Prerequisite: Completion of Reading Learning Support, if required) F, Sp
 Not part of a TN Transfer Pathway.
 Formerly BUS 111

BUSN 1326 **Service Learning and World Culture** Credits: 3
 This course will allow students to conceptually compare classroom learning with a real-world global experience in business. Students will work as a team to research, examine and study the global business environment of a selected international economy and cultural society. Roane State Community College will partner with an international student exchange organization so that students may travel to a selected international destination as a capstone of this class.
 Not part of a TN Transfer Pathway.
 Formerly BUS 216

BUSN 1330 Entrepreneurship Credits: 3
 An introductory course designed to provide an overview of the business environment and requirements for successfully operating a small business. Topics covered include forms of business, credit management, utilizing professionals, information management, etc. (Prerequisite: Completion of Reading Learning Support, if required) Sp
 Not part of a TN Transfer Pathway.
 Formerly BUS 278

BUSN 1350 Sales and Service Credits: 3
 A course emphasizing the relationship of product and market, industrial and consumer sales, methods of market analysis, sales and sales methods. (Prerequisite: Completion of Reading Learning Support, if required) F, Sp
 Not part of a TN Transfer Pathway.
 Formerly BUS 271

BUSN 1360 Software Applications for Business Credits: 3
 Business Tools and Applications is an introductory survey and hands-on course designed for business majors that includes computer application tools used in businesses today. These include: Windows, Word, Excel, Access, PowerPoint, Outlook, OneNote, Internet Explorer, Google Earth, Bing, PollEverywhere, Skype, and many other applications. Students will apply computer technology to a course-long business case. They will learn how to research the industry, create and format text, charts, and graphics for a business plan, a company logo, brochures, a company database, and computer presentations. They will also learn how to communicate using web and cell phone technology. Throughout the course, students will learn and apply soft skills such as problem solving, team works, and leadership.
 Not part of a TN Transfer Pathway.
 Formerly BUS 106

BUSN 1362 Document Creation and Design Credits: 3
 In this comprehensive course, students will learn how to create and format professional-looking documents including letters, memos, reports, research papers, mailing labels, flyers, and newsletters. In addition, students will learn how to work with tables, mail merge, templates, and desktop publishing, as well as how to collaborate with others, and create web pages. Students will apply critical thinking and problem-solving skills to gain a comprehensive understanding of word processing applications in which they may apply to real-life tasks.
 Not part of a TN Transfer Pathway.
 Formerly BUS 102

BUSN 1370 Spreadsheet Applications Credits: 3
 This course is designed to develop skills with spreadsheet software. Use and design of spreadsheets for practical business applications and business problem-solving will be an integral part of this course. No prerequisites; however, INFS 1010 Computer Applications or BUSN 1360 Software Applications for Business are highly recommended.
 Not part of a TN Transfer Pathway

BUSN 1380 Supervisory Management Credits: 3
 This course is designed to introduce the basic aspects of supervisory development, to include the functions of management, communication skills, interpersonal relations, motivation, morale, discipline, leadership training and evaluation, decision-making and self-development. (Prerequisite: Completion of Reading Learning Support, if required) F, Sp
 Not part of a TN Transfer Pathway.
 Formerly BUS 281

BUSN 1390 Introduction to Government Contracts Credits: 3
 Introduction to Government Contracts is designed to establish a foundational understanding of the federal procurement system and the use of contracts in the acquisition of goods and services required by agencies of the US Government. Students will become familiar with contract types, language and terminology applicable to relevant agencies, and acquire a basic understanding of the Federal Acquisition Regulation. (Prerequisite: Completion of Reading and English Learning Support, if required)
 Not part of a TN Transfer Pathway.
 Formerly BUS 107

BUSN 1391 Mission Directed Contracting Credits: 3
 Mission Directed Contracting builds upon Introduction to Government Contracts and is designed to establish the basic principles, processes, and techniques of managing procurements that achieve mission objectives. The course will survey the contracting professionals roles and responsibilities in the acquisition process from source selection through negotiation, contract management, and contract close-out. Mission Directed Contracting will focus on leadership, problem solving, analytical, management, and negotiation skills. FAR regulations applicable to source selection, contract management, and contract close-out will be addressed. (Prerequisites: Completion of Reading and English Learning Support, if required)
 Not part of a TN Transfer Pathway.
 Formerly BUS 108

BUSN 1392 Mission Performance Assessment Credits: 3
 Mission-Performance Assessment builds upon Introduction to Government Contracts and Mission Directed Contracting and is designed to further establish the basic principles and methods of achieving programmatic objectives through the government contracting process. The course will focus on the techniques, processes, and strategies of contract management professionals in ensuring compliant and satisfactory contractor performance, preventing and resolving contract disputes, effecting contract changes, and providing leadership throughout the contracting process. FAR regulations applicable to contractor performance evaluation, contract disputes, changes, subcontracts, terminations, socio-economic programs, and payments will be addressed. (Prerequisite: Completion of Reading and English Learning Support, if required)
 Not part of a TN Transfer Pathway.
 Formerly BUS 109

BUSN 2300 Business Ethics Credits: 3
 A course concerned with the relationship between business goals and practices and the good of society. Of specific concern will be matters such as fair pay, safe working conditions, well-made products at fair prices and environmental issues. (Prerequisite: ENGL 1010) Sp
 Not part of a TN Transfer Pathway.
 Formerly BUS 215

BUSN 2340 Human Resource Management Credits: 3
 This course is a study of principles of human resource management, which may include equal employment law and the recruitment, selection, and development of the human resources.
 Not part of a TN Transfer Pathway.

BUSN 2350 Organizational Behavior Credits: 3
 This course examines the importance of understanding human relations in the workplace and developing the skills necessary to foster more effective communication and motivation. It is designed to help students gain insights into specific people skills that can be used on the job to motivate people, communicate better, and create more effective teams. It provides a basic knowledge of behavior as it relates to the way people (individuals and groups) act in organizations as well as the organization system itself. It encompasses a wide range of topics such as values, attitudes, perception, and ethics of individuals, motivation of individuals and groups, team building, effective communication, leadership and management, conflict and negotiation, training and development, performance appraisals, and cultural changes. F, Sp
 Not part of a TN Transfer Pathway.
 Formerly BUS 261

BUSN 2362 Negotiation and Conflict Resolution Credits: 3
 This course is designed to provide the student with the necessary knowledge and skill to resolve various types of conflict we all encounter. Additionally, the course will focus on both learning and applying negotiation skills in a variety of business situations to reach successful solutions. Students may not receive credit for both BUS 2362 and MGT 225. F, Sp
 Not part of a TN Transfer Pathway.

BUSN 2365 Database Creation and Design Credits: 3
 Using the Microsoft Office Access application, students will focus on database management in a business environment, including: terminology, object creation, data manipulation and integration with other business applications. F
 Not part of a TN Transfer Pathway.
 Formerly BUS 105

BUSN 2370 Legal Environment for Business Credits: 3
 Emphasis is placed on classification of laws, historical background of our systems of law, duties, buying services, insurance, consumer protection, negotiable instruments, and business organization. (Prerequisite: Completion of Reading Learning Support, if required) F, Sp
 Not part of a TN Transfer Pathway.
 Formerly BUS 251

BUSN 2380 Principles of Marketing Credits: 3
 A general but critical survey of the field of marketing, covering international industries and commerce, distribution of resources, factors of distribution and transportation, and the marketing functions. (Prerequisite: Completion of Reading Learning Support, if required) F, Sp
 Not part of a TN Transfer Pathway.
 Formerly BUS 273

BUSN 2385 Project Design & Management Credits: 3
 Students will use PMI principles and hands on Project Management applications to learn all the essential topics of completing a major project including: planning a project, creating project schedules, communicating project information, using the critical path, assigning resources, tracking progress, and sharing information across applications and the Web. Sp
 Not part of a TN Transfer Pathway.
 Formerly BUS 202

BUSN 2390 Business Presentations Credits: 3
 Using Microsoft Office PowerPoint application, students learn the art of designing, creating, and delivering sophisticated and professional computer presentations. Presentations will include sound, video, charts, graphics, hyperlinks, and other enhancements that will illustrate their topics. Sp
 Not part of a TN Transfer Pathway.
 Formerly BUS 104

BUSN 2392 Business Innovations Credits: 3
 This course examines creativity and innovation and its role in all organizations. The course focuses on understanding the need for creativity and innovation, processes for facilitating and early steps for examining the viability and implementation of innovations. (Prerequisite: Completion of Reading Learning Support requirements, if applicable.)
 Not part of a TN Transfer Pathway.

BUSN 2399 Management Seminar Credits: 3
 Consideration of current problems, issues, and developments in the area of management. Students are guided through individual projects and outside research related to their area of concentration and employment training. This course should be taken during the final year of coursework and/or after the completion of ENGL 1010, ACCT 1010, BUSN 1305, BUSN 1380, and BUSN 2380. (Prerequisite: Completion of Reading Learning Support, if required) F, Sp
 Not part of a TN Transfer Pathway.
 Formerly BUS 284

Chemistry

CHEM 1000 Fundamentals of Chemistry Credits: 4

This course is designed for students desiring to enter a science, engineering or pre-med (veterinarian, pharmacy, etc.) program but who have had no high school chemistry or are not recent high school graduates. The emphasis will be on the fundamental concepts of chemistry, nomenclature, equation writing, simple stoichiometric calculations, bonding, gas laws and property of solutions. NOTE: This course cannot be used to fulfill a natural/physical science requirement where a sequence is indicated. 3 hours lecture, 3 hours laboratory (Prerequisite: 2 years of high school algebra with appropriate score of 19 or above on the ACT MATH portion OR MATH 1000, Algebra Essentials) Each student is assessed a lab fee for this course. F, Su Not part of a TN Transfer Pathway.

CHEM 1010 Introduction to Chemistry I Credits: 4

Introductory chemistry dealing with the basic principles such as atomic structure, periodic law, states of matter, chemical bonding, types of compounds, gas laws, solutions, acids and bases, equilibria. 3 hours lecture, 3 hours laboratory (Prerequisite: 2 years of high school algebra with appropriate score of 21 or above on the ACT MATH portion OR completion of all Math Learning Support requirements AND MATH 1000 Algebra Essentials. If you did not have a chemistry course in high school it is STRONGLY advised that you take the CHEM 1000 course first.) Each student is assessed a lab fee for this course. F, Sp Roane State General Education course approved and designed for transfer.

CHEM 1020 Introduction to Chemistry II Credits: 4

Aliphatic, aromatic, and heterocyclic organic chemistry with emphasis on structure, nomenclature, and functional groups. Introductory biochemistry concerning lipids, carbohydrates, proteins, and nucleic acids. 3 hours lecture, 3 hours laboratory (Prerequisite: CHEM 1010) Each student is assessed a lab fee for this course. Sp Roane State General Education course approved and designed for transfer.

CHEM 1110 General Chemistry I Credits: 4

A study of fundamental principles of chemistry, such as mathematical calculations of chemical relationships, atomic structure, periodic relationships, molecular structure, bonding, and the chemistry of oxygen, hydrogen, and water, Kinetic Molecular Theory, physical states of matter, solution chemistry, electrolytes and colligative properties. 3 hours lecture, 3 hours laboratory (Prerequisite: 2 years of high school algebra with appropriate score of 21 or above on the ACT MATH portion OR MATH 1000, Algebra Essentials. If you did not have a chemistry course in high school it is STRONGLY advised that you take the CHEM 1000 course first.) Each student is assessed a lab fee for this course. F, Sp Roane State General Education course approved and designed for transfer. (TTP course)

CHEM 1120 General Chemistry II Credits: 4

The introduction to the studies of oxidation-reduction, chemical thermodynamics and thermochemistry, molecular and ionic equilibrium, chemical kinetics and electrochemistry. 3 hours lecture, 3 hours laboratory (Prerequisite: CHEM 1110) Each student is assessed a lab fee for this course. Sp, Su Roane State General Education course approved and designed for transfer. (TTP course)

CHEM 2010 Organic Chemistry I Credits: 4

A study of the properties, preparations, reactions, and spectroscopy of aliphatic and aromatic compounds, including reaction mechanisms and the relationship between structure and reactivity. 3 hours lecture, 3 hours laboratory (Prerequisite: CHEM 1120) Each student is assessed a lab fee for this course. F Course designed for transfer and part of the TN Transfer Pathways.

CHEM 2020 Organic Chemistry II Credits: 4

A continuation of CHEM 2010, covering carbanion condensations, heterocyclics, fats, carbohydrates, amino acids, and proteins. 3 hours lecture, 3 hours laboratory (Prerequisite: CHEM 2010) Each student is assessed a lab fee for this course. Sp Course designed for transfer and part of the TN Transfer Pathways.

Computer Science Programming

CISP 1010 Computer Science Programming Credits: 4

This course will focus on the following: Problem solving and algorithm development; Organization and characteristics of modern digital computers with emphasis on developing good programming habits; Building abstractions with procedures and data, and programming in a modern computing language. This course is intended for students enrolled in the AS program with concentration in Computer Science, Mathematics or Engineering. (Prerequisite: MATH 1730 OR ACT of 24 on Math component) Sp Course designed for transfer and part of the TN Transfer Pathways.

CISP 1020 Computer Science II Credits: 4

Continuation of CISP 1010, Computer Science Programming. This course will focus on data structures and algorithm analysis. Topics include the estimation of time required for a program, basic data structures, hash tables, binary trees, and sorting algorithms. This course is intended for students enrolled in the AS program with a concentration in Computer Science, Mathematics, or Engineering. (Prerequisite: CISP 1010) F Course designed for transfer and part of the TN Transfer Pathways.

CISP 1100 Introduction to Computer Graphics Credits: 3

The course is designed to teach students computer graphics with an easy-to-use programming language, Processing. Students will learn not only concepts of computer graphics such as graphics primitive, transformation, shading, animation, and user interaction, but also programming concepts such as variable, function, array, object, class, and control structure. Students will learn programming in a visual environment, which makes programming a fun experience. Students don't have to have programming experience in order to take the course. However, students who take the course need to be computer literate. (Prerequisite: INFS 1010)
Not part of a TN Transfer Pathway.

Cardiovascular Technology

CIT 101 Procedures I Credits: 3

This course covers an overview of anatomy and physiology, practical applications of interventional procedures, vascular correlations, and surgical intervention for specific diseases processes. (3 lecture hours/week)
Not part of a TN Transfer Pathway.

CIT 110 Procedures II Credits: 3

This course covers theory and practice of physiological monitoring, emergency care, and pharmacology. (3 lecture hours/week)
Not part of a TN Transfer Pathway.

CIT 120 Procedures III Credits: 3

An overview of patient care and legal considerations, equipment and instrumentations, image quality and control, sterile techniques and isolation procedures. (3 lecture hours/week)
Not part of a TN Transfer Pathway.

CIT 150 CIT Review Credits: 3

This course provides the Radiologic Technologist with CIT experience, an extensive review to sit for the ARRT examination in Cardiovascular Interventional Technology. (3 lecture hours/week)
Not part of a TN Transfer Pathway.

Computer Info Technology

CITC 1300 Beginning HTML and CSS Credits: 3

A beginning course in HTML that provides instruction in creating Web pages. Students learn to write HTML code. Topics include using HTML tags, CSS formatting, and appropriate scripting languages. F
Formerly CISP 1080
Not part of a TN Transfer Pathway

CITC 1301 Introduction to Programming and Logic Credits: 3

This course is an introduction to the logic necessary for application programming. Topics include logic analysis, techniques of structured design, process flow, and object oriented concepts. A programming language will be used to teach data types, variables, control structures, methods and arrays. Sp
Formerly CISP 1090
Not part of a TN Transfer Pathway

CITC 1302 Introduction to Networking Credits: 3

A broad-based course that provides an overview of computer networking. Topics will include network models, protocols and services, media and topologies, devices and tools, network management, and network security. This course may align with the outcomes of industry certification. F
Formerly CISP 1420
Not part of a TN Transfer Pathway

CITC 1303 Database Concepts Credits: 3

An introduction to the concepts and syntax of relational database management systems. Topics include data modeling, database design concepts, tables and queries and other database objects using the tools provided in a relational DBMS. Sp
Formerly CISP 1160
Not part of a TN Transfer Pathway

CITC 1310 Programming I Credits: 3

This course introduces the basic concepts of programming, problem solving, programming logic, and design techniques using an object-oriented language. The topics covered include the language syntax, functions, return types, and objects found in a current object-oriented programming language. Course availability determined by program director.
Formerly CISP 2090
Not part of a TN Transfer Pathway.

CITC 1311 Programming II Credits: 3

A continuation of CITC 1310 Programming I. This course introduces the student to object oriented programming. Topics include class creation, methods, events, inheritance, objects and error handling. (Prerequisite: CITC 1310) Sp
Formerly CISP 2180
Not part of a TN Transfer Pathway

CITC 1312 Introduction to .NET Programming Credits: 3

An introductory study of object-oriented programming through the use and practical application of the language. Topics include classes, objects, methods, GUI programming, graphics, databases, XML, Web pages and Internet. (Prerequisite: CITC 1310) F
Formerly CISP 1170
Not part of a TN Transfer Pathway

CITC 1318 **Data Structures** Credits: 3
 This course covers the basic fundamental principles of Data Structures. It uses a programming language to implement a variety of data structures. Topics will include recursion, containers, vectors, pointers, dynamic memory, stacks, queues, and Lists with or without iterators. User Designed classes are implemented. (Prerequisite: CITC 1310) F
 Formerly CISP 2030
 Not part of a TN Transfer Pathway

CITC 1321 **A+ Hardware** Credits: 3
 An introduction to basics of computer hardware. Topics include identification and installation of internal components, disk configuration, ports, cables, peripherals and networking concepts and connections. F
 Formerly CISP 1370
 Not part of a TN Transfer Pathway

CITC 1333 **Linux LPIC-I** Credits: 3
 This course prepares the student to complete the LPIC-1 Junior Level Linux Certification exams 101 and 102. Topics will include Linux command line operation, maintenance tasks within Linux, and installation, configuration, and connectivity of Linux workstations. Sp
 Formerly CISP 2750
 Not part of a TN Transfer Pathway

CITC 2326 **Network Security** Credits: 3
 This course is designed to give students a fundamental understanding of computer and network security. It will introduce students to a wide variety of concepts related to computer security. This course will cover the objectives for the CompTIA Security+ Certification. (Prerequisite: CITC 1302) Course availability determined by program director.
 Formerly CISP 2060
 Not part of a TN Transfer Pathway.

CITC 2328 **Network Routing** Credits: 3
 This course focuses on the key concepts and protocols of network routing. It covers basic routing constructs such as: static and default routing; Interior Gateway Protocols (IGP) such as RIP, EIGRP and OSPF and introduces the Exterior Gateway Protocol BGP that is primarily used by Internet Service Providers. (Prerequisite: CITC 1302) Course availability determined by program director.
 Not part of a TN Transfer Pathway.

CITC 2344 **Database SQL Programming** Credits: 3
 A comprehensive study of SQL using an industry established relational database management system such as Microsoft SQL Server or Oracle RDBMS. Topics will include database design, creation and management, advanced queries, stored procedures and functions, triggers, user defined functions, security awareness in an optimistic and pessimistic contingency DML data control, and performance tuning issues. (Prerequisite: CITC 1303) F
 Formerly CISP 2340
 Not part of a TN Transfer Pathway.

CITC 2399 **Internship CITC** Credits: 3
 This course can be either a field experience such as an internship, or a project-based course. The description will vary among institutions. Course availability determined by program director.
 Not part of a TN Transfer Pathway.

Composite Materials

CMAT 1010 **Introduction to Composite Materials** Credits: 3
 An examination of the importance of composite materials in industry today. Learn applications that are suitable for the use of composite materials. Study the polymer chemistry required for the manufacture of composite material products and learn the future of composite materials applications and manufacturing methods. Course availability determined by dean.
 Not part of a TN Transfer Pathway.

CMAT 1020 **Introduction to Composite Manufacturing Methods** Credits: 3
 Introduction to composite manufacturing processes. Study the various methods currently being used in the manufacturing of composite materials. Recognize the benefits and challenges of each method and learn to evaluate the risk and reward inherent in each application in order to maximize the performance for each application and study the role of automation in composite manufacturing. Course availability determined by dean.
 Not part of a TN Transfer Pathway.

CMAT 1030 **Applied Production Methodology** Credits: 3
 Students will experience hands on application of composite materials manufacturing processes in a laboratory environment. Students will employ various manufacturing methods and learn how to safely handle hazardous materials and learn the appropriate storage handling methods for hazardous materials. Students will manufacture parts by using various currently used processes within the industry. Course availability determined by dean.
 Not part of a TN Transfer Pathway.

CMAT 1040 **Matrix Materials for Composites** Credits: 3
 Survey of the matrix materials used in composites, to include thermoplastics, thermosets, metals, and carbon fiber. Student will acquire and understand core knowledge and have the ability to demonstrate competency in the following areas: thermosets and thermoplastics; solidification, melting and other thermal considerations; matrix-dominated properties; polyester resins and their uses; crosslinking mechanisms; molding compounds; physical and mechanical properties of cured epoxy composites; special composite applications (prepregs and tooling); epoxy resins; vinyl esters and matrix materials. Course availability determined by dean.
 Not part of a TN Transfer Pathway.

CMAT 1050 Reinforcing Fibers for Composites Credits: 3

Survey of the reinforcements and reinforcement forms used in composite materials. Students will acquire and understand core knowledge and have the ability to demonstrate competency in the following areas: manufacturing processes for glass, aramid, carbon fiber (PAN & pitch); applications of reinforcements; mechanical properties of reinforcing fibers; sizings, finishes, and coupling agents; pitch-based and PAN-based carbon fibers; tests for fiber/matrix bond strengths; silicon carbide fibers; boron fibers and natural fibers. Course availability determined by dean.

Not part of a TN Transfer Pathway.

CMAT 1060 Intermediate Composite Products Credits: 3

Survey of intermediate composite products. Students will acquire and understand core knowledge and have the ability to demonstrate competency in the following areas: filaments, strands, tows, rovings, and yarns; woven and knitted fabrics; non-woven fabrics; thermosetting and thermoplastic prepregs; braided, stitched and 3-dimensional laminates; preforms; hybrids; weaving pattern and physical properties of weaves; random chopped mat and continuous strand mat; SMC and BMC; thermoplastic molding compounds; stitched fabric, and 3-D weave fabric; sandwich structures; core materials; z-direction stiffeners; joints and post-processing operations. Course availability determined by dean.

Not part of a TN Transfer Pathway.

CMAT 1070 Molding and Conversion Technologies Credits: 3

A survey of molding and conversion technologies for composites. Students will acquire and understand core knowledge and have the ability to demonstrate competency in the following areas: vacuum and bagging assembly; curing when autoclaves are used; curing a prepreg without autoclave; prepreg molding; compression molding; resin infusion technologies and processes; filament winding processes; filament winding applications; high performance pressure vessels; roll wrapping; pultrusion and injection molding. Course availability determined by dean.

Not part of a TN Transfer Pathway.

CMAT 1080 Composite Component Design Credits: 3

A survey of fiber alignment and orientation, fiber content, and matrix selection in design consideration. Students will acquire and understand core knowledge and have the ability to demonstrate competency in the following areas: structure of thermoplastics versus thermosets; property differences caused by structural differences; differences between engineering thermoplastics and advanced thermoplastics; engineering of thermoplastics containing short fibers; properties of composites that depend on nature of resin; advantages of advanced thermoplastics over advanced thermosets and ceramic matrix composites over non-reinforced ceramics and of using metal matrix composites versus metals; methodology of composite structure design; basic stress types; laminate theory; cracking in composites; fatigue in composites and residual stresses in composites. Course availability determined by dean.

Not part of a TN Transfer Pathway.

CMAT 1090 Quality, Repair & Recycling of Composites Credits: 3

A survey of composites from raw materials to components and end of life. Students will acquire and understand core knowledge and have the ability to demonstrate competency in the following areas: philosophy of damage to composites; damage prevention; damage assessment; repair of composites; problem of emissions from factories; material storage; contamination in the plant; disposal, waste, and recycling; history of composite materials testing; quality control principles; component testing, mechanical testing; thermal and environmental testing; flammability testing and common failures. Course availability determined by dean.

Not part of a TN Transfer Pathway.

CMAT 1100 Applications for Composite Materials Credits: 3

Cover the applications for composite materials across a wide-range of industry groups, and will provide the student with an analysis and understanding of both traditional and future markets. Students will acquire core knowledge and have the ability to demonstrate competency in the following areas: traditional markets for composites; lessons learned from the space program; critical markets: military, law, other; breakthrough markets: airlines, unmanned vehicles; and use of composites in aircraft/aerospace industries. Use of composites in marine industries; in surface transportation industries; energy industries and recreation industries. Course availability determined by dean.

Not a TN Transfer Pathway.

CMAT 1110 Practical Injecting Molding Credits: 3

This course provides the student with basic knowledge of the plastic injection molding process used in today's plastic parts manufacturing facilities. Included are machine and mold process set-up and optimization, polymer characteristics, the four plastic processing variables of pressure, temperature, flow rate, and cooling rate, and how they determine all part properties. Techniques for determining expert use of machine controls are presented, which enables the best process set up and controlling the four plastic variables to produce a quality part. Course availability determined by dean.

Not part of a TN Transfer Pathway.

CMAT 1120 Injection Molding - Part Problems and Solutions Credits: 3

This course provides the student with basic knowledge and characteristics of common defects that may be encountered during the injection molding process. Included are splay, flash, short shots, weld and flow lines, burns, jetting, blush, delamination, cracks and breakage, voids and sinks, warp, and controlling part dimensions. A structured approach to problem troubleshooting is presented which will aid the student in identifying the source of the problem, (machine, material, process, or mold). This approach helps to eliminate wasted time and effort enabling more timely problem resolution. Course availability determined by dean.

Not part of a TN Transfer Pathway.

CMAT 2100 Introduction to Injection Molding Credits: 4

This course provides the student with a fundamental overview of the injection molding process and the types of polymers and composite materials used by today's manufacturers. Included are techniques and procedures used in the set-up, operation, and processing of molded parts such as injection mold machine set-up, injection pressures, press temperatures, clamping pressures and secondary machining operations of completed parts. Course availability determined by dean. Not part of the TN Transfer Pathway.

Cooperative Education**COE 101 Cooperative Education I Credits: 3**

Experiential learning that takes place in real employment situations. The student must be approved by the Placement Coordinator, the academic division of the student's major or area that is being explored, and the employer for full-time or part-time paid employment in industry, business or government. A minimum of ten (10) hours of actual work experience per week throughout the semester is required to receive credit. The work experience will be jointly evaluated by the Placement Coordinator and the employer. For further information contact the Placement Coordinator at 865-882-4695. Not part of a TN Transfer Pathway.

COE 102 Cooperative Education II Credits: 3

Experiential learning that takes place in real employment situations. The student must be approved by the Placement Coordinator, the academic division of the student's major or area that is being explored, and the employer for full-time or part-time paid employment in industry, business or government. A minimum of ten (10) hours of actual work experience per week throughout the semester is required to receive credit. The work experience will be jointly evaluated by the Placement Coordinator and the employer. For further information contact the Placement Coordinator at 865-882-4695. Not part of a TN Transfer Pathway.

COE 201 Cooperative Education III Credits: 3

Experiential learning that takes place in real employment situations. The student must be approved by the Placement Coordinator, the academic division of the student's major or area that is being explored, and the employer for full-time or part-time paid employment in industry, business or government. A minimum of ten (10) hours of actual work experience per week throughout the semester is required to receive credit. The work experience will be jointly evaluated by the Placement Coordinator and the employer. For further information contact the Placement Coordinator at 865-882-4695. Not part of a TN Transfer Pathway.

College Learning Strategies**COLS 1010 SOS - Study, Organize, Succeed Credits: 3**

This course is designed to help students become more efficient, proficient, and self-aware learners. It focuses on research-based learning strategies which can improve student performance in all courses. The course also includes a career awareness component that can be helpful to all students, particularly those who are undecided about their career goals. F, Sp
Not part of a TN Transfer Pathway.

Communications**COMM 1010 Survey of Mass Communications Credits: 3**

An overview of systems of mass communications with an emphasis on American media, their ownership, legal and social controls, role and effects. Advertising, broadcasting, journalism and publishing, and public relations will be examined and placed in the context of theories of mass communications. (Prerequisite: Completion of any Learning Support Reading and Writing requirements, if applicable.) Course availability determined by dean of the division. Course designed for transfer and part of the TN Transfer Pathways.

COMM 1020 Introduction to Media Writing Credits: 3

This course is an introduction to print and broadcast journalism with an emphasis on newsgathering methods and the writing of news for print and electronic media. F
Course designed for transfer and part of the TN Transfer Pathways.

COMM 1030 Introduction to Electronic Media Credits: 3

This course is an introduction to the history, special aspects, organization, structure, and function of electronic media. It is a basic introduction to broadcast operations. Sp
Not part of a TN Transfer Pathway.

COMM 1110 American Media and Social Institutions Credits: 3

This course examines the development of various media and their impact on society. Topics include standard print media, radio, television, film, public relations, advertising, new electronic media and the World Wide Web. The course also emphasizes historical, political, social, psychological, cultural, and consumer aspects of mass media. F
Not part of a TN Transfer Pathway.

COMM 2060 Special Topics in Editing Credits: 3

This course is an introduction to various software applications utilized for editing film/images. F
Not part of a TN Transfer Pathway.

COMM 2070 Special Topics in Camera Production Credits: 3

This course emphasizes the operation and use of standard cameras for the television/film industry. Topics will include shooting on location, handling and operation of sound and lighting equipment, and various camera styles. Sp
Not part of a TN Transfer Pathway.

COMM 2100 Television Studio Production I Credits: 4

This course will introduce video production techniques as well as the elements needed to produce television broadcasts. Topics will include camera operation, sound and light maintenance, editing, production, writing, and studio management. This course includes laboratory hours in addition to class time. (Prerequisite: COMM 2070 or permission of instructor). Course availability determined by dean.
Not part of a TN Transfer Pathway.

COMM 2110 Television Studio Production II Credits: 4

Television Studio Production II is a continuation of Television Studio Production I and will offer a continued study of the applications and basics covered in the first part of this series. This course includes laboratory hours in addition to class time. (Prerequisite: COMM 2100) Course availability determined by dean.
Not part of a TN Transfer Pathway.

Criminal Justice

CRMJ 1010 Introduction to Criminal Justice Credits: 3

Philosophical and historical background; agencies and respective jurisdictions; police ethics, public relations and career orientation. (Prerequisite: Completion of Reading Learning Support requirements) Course designed for transfer and part of the TN Transfer Pathways.

CRMJ 1020 Introduction to the Legal Process Credits: 3

This course reviews basic laws governing the maintenance of a democratic society and how criminal and constitutional laws meet the challenge of American society. (Prerequisite: Completion of any Reading Learning Support requirements and ENGL 1010 must be taken as a prerequisite or concurrently with this course.) Course designed for transfer and part of the TN Transfer Pathways.

CRMJ 1311 Criminal Law Credits: 3

Introduces students to the fundamental nature of law and provides an overview of general legal principles. Both criminal law codifications and criminal elements in felonies and misdemeanors will be analyzed. (Prerequisite: Completion of any Reading Learning Support requirements) Formerly CRMJ 2210
Not part of a TN Transfer Pathway.

CRMJ 1330 Criminal Evidence & Procedure Credits: 3

A study of legal concepts and procedures, including the laws of arrest and search warrant procedure, beginning with the issuance of legal process to ultimate court disposition. (Prerequisite: Completion of Reading Learning Support requirements.) Formerly CRMJ 1130
Not part of a TN Transfer Pathway.

CRMJ 1340 Criminal Investigation Credits: 3

Fundamentals of criminal investigation procedures; crime scene search and recording, collecting and preserving evidence; scientific and technical aids; case preparation. (Prerequisites: Completion of any Reading Learning Support requirements.) Formerly CRMJ 2130
Not part of a TN Transfer Pathway.

CRMJ 1355 Understanding Terrorism Credits: 3

An in-depth historical look at terrorism, its origins, types and history. Emphasis will be on philosophical bases, organization, equipment, and operations of terrorist groups. The role of law enforcement agencies in the implementation of anti-terrorist measures is also examined. (Prerequisites: Completion of any Reading Learning Support requirements.) Formerly CRMJ 2140
Not part of a TN Transfer Pathway.

CRMJ 2010 Introduction to Law Enforcement Credits: 3

An overview of the American Police, including the philosophy and historical evolution behind the police force. Emphasis on policing procedures; crime prevention and control; functions of law enforcement; problems and needs facing the police; and contemporary issues. (Prerequisite: ENGL 1010) Course designed for transfer and part of the TN Transfer Pathways.

CRMJ 2020 Introduction to Corrections Credits: 3

This includes the history to criminal corrections in the United States; analysis of the crime problem; identification of the correctional client; correctional methods used in the United States; and emphasis on correctional goals in the criminal justice system. Course designed for transfer and part of the TN Transfer Pathways.

CRMJ 2311 Juvenile Justice Credits: 3

A study of new attempts geared toward the rebellious youthful offenders in the areas of treatment, experimentation, innovative programs, and theories of causation. (Prerequisites: Completion of any Reading Learning Support requirements and ENGL 1010) Formerly CRMJ 1100
Not part of a TN Transfer Pathway.

CRMJ 2381 Special Topics in Criminal Justice Credits: 3
 A course designed to consolidate the various learning experiences in criminal justice. Emphasis is placed on special problems. (Prerequisite: Completion of any Reading Learning Support requirements and ENGL 1010)
 Formerly CRMJ 2310
 Not part of a TN Transfer Pathway.

CRMJ 2396 Criminal Justice Internship I Credits: 3
 Students will be assigned to a criminal justice related agency to work a minimum of 80 hours. A student must have completed CRMJ 1010 prior to enrollment in this course. As part of the course requirements students will prepare a capstone paper integrating their work and classroom experience.
 Formerly CRMJ 2320
 Not part of a TN Transfer Pathway.

CRMJ 2397 Criminal Justice Internship II Credits: 3
 Students will be assigned to a criminal justice related agency to work a minimum of 80 hours. A student must have completed CRMJ 1010 prior to enrollment in this course. As part of the course requirements students will prepare a 'capstone' paper integrating their work and classroom experience.
 Formerly CRMJ 2330
 Not part of a TN Transfer Pathway.

Computed Tomography

CTR 110 Computed Tomography Physics Credits: 3
 This course is designed to prepare the Radiologic Technologist with CT experience to take the advanced level examination in Computerized Tomography administered by the American Registry of Radiologic Technologists. (3 lecture hours/week)
 Not part of a TN Transfer Pathway.

CTR 112 Clinical Education I Credits: 3
 Students perform a variety of Computed Tomography procedures under supervision of registered CT technologists at assigned facilities. Students must complete a minimum of 125 exams to qualify for the ARRT Computed Tomography certification exam. 24 hours per week (Corequisite: CTR 110)
 Not part of a TN Transfer Pathway.

CTR 210 Computed Tomography Patient Applications Credits: 3
 This course covers the basic principles of patient management and imaging protocols for Computed Tomography Radiography. Topics include patient care, cross-sectional anatomy, imaging procedures, post-processing techniques, special procedures, and quality control. (Prerequisite for course: ARRT certification) 3 lecture hrs/week
 Not part of a TN Transfer Pathway.

CTR 212 Clinical Education II Credits: 3
 Students perform a variety of Computed Tomography procedures under supervision of registered CT technologists at assigned facilities. Students must complete a minimum of 125 exams in order to qualify for the ARRT Computed Tomography certification exam. 24 hours/week (Corequisite: CTR 210)
 Not part of a TN Transfer Pathway.

Dental Hygiene

DHT 101 Preclinical Dental Hygiene Credits: 5
 This course introduces the theory of the dental hygiene process of care, including assessment, diagnosis, planning, implementation, and evaluation. Emphasis is on providing the student with an ethical and scientific foundation to use in applying appropriate infection control procedures, introductory client assessment procedures, and basic instrumentation skills. The use of the dental hygiene diagnosis in developing a care plan is introduced. This pre-clinical laboratory experience course presents practicum covering the fundamentals of medical emergencies, infection control procedures, ergonomic use of the dental operatory, professional conduct, assessment of the dental hygiene client, development of a dental hygiene diagnosis, instrumentation skills, equipment use and maintenance, and oral health education. (3 lecture hours, 8 laboratory hours/week)
 Not part of a TN Transfer Pathway.

DHT 111 Dental Science I Credits: 3
 This course focuses on anatomical structures of the head and neck, including bones, muscles, glandular tissue, and vascular, nervous, and lymphatic systems. The infectious process and the spread of dental infection are discussed. This course provides the student with a detailed study of comparative tooth anatomy and the anatomical structures that support the teeth and their functions. The eruption, arrangement, function, developmental disturbances, occlusion and morphological characteristics of both the permanent and deciduous dentitions is presented. (3 lecture hours/week)
 Not part of a TN Transfer Pathway.

DHT 112 Dental Science II Credits: 3
 This course provides the student with a detailed study of the embryological and histological formation of the oral-facial structures of the head, neck, oral cavity and underlying structures. (Prerequisites: BIOL 2010 & CHEM 1010) 3 lecture hrs/week
 Not part of a TN Transfer Pathway.

DHT 121 Clinical Dental Hygiene I Credits: 1
 This clinical course introduces the dental hygiene student to providing comprehensive dental hygiene treatment. Application of knowledge in infection control practices, development of care plans, assessment, oral health education, coronal polishing technique, delivery of fluorides, radiography, and fundamentals of instrumentation. Supportive dental technology, equipment and products related to dental hygiene treatment are introduced. (120 total hours)
 Not part of a TN Transfer Pathway.

DHT 132 Dental Radiography Credits: 3

This course includes principles of radiation physics, exposing, processing, mounting, evaluating, and interpreting dental radiographs. Biological effects of radiation and protective principles, quality assurance protocols, and infection control are emphasized. Emerging imaging technology is addressed. (2 hours lecture, 2 hours laboratory/week)

Not part of a TN Transfer Pathway.

DHT 133 General and Oral Pathology Credits: 3

This course will combine general and oral pathology found in the human system. Concepts of pathologic physiology included in this course are the inflammatory process, wound healing, and immunology. Emphasis will be placed on the oral/facial characteristics of systemic disease. Principles of pathology, clinical features, risk factors, etiology, locations, and treatment options are presented. (3 lecture hours/week)

Not part of a TN Transfer Pathway.

DHT 141 Principals of Dental Hygiene I Credits: 3

This course presents concepts of supportive dental hygiene therapy including ultrasonic debridement, air/powder polishing, subgingival irrigation, treatments for tooth hypersensitivity, patient management techniques (including antibiotic therapy), care of dental appliances/prostheses, and pit and fissure sealants. The use of supportive dental hygiene treatment in providing comprehensive care is introduced. The application of evidence based clinical practice is included. (3 lecture hours/week)

Not part of a TN Transfer Pathway.

DHT 161 Biochemistry and Nutrition Credits: 3

This course provides principles of biochemistry and nutrition principles including nutritional standards and requirements, dietary sources of nutrients and nutrient utilization as it relates to health, disease and total care of patients. Emphasis will be on the relationship between nutrition and dental caries and periodontal disease. The student will be taught to correlate nutrition and dental health, provide nutritional counseling, and develop dietary plans for patients. (Prerequisite: CHEM 1010) 3 lecture hrs/week

Not part of a TN Transfer Pathway.

DHT 171 Dental Materials Credits: 3

This course focuses on the study of the physical, chemical, and biologic properties and uses of dental materials. Identification and manipulation of common dental materials are incorporated in laboratory experiences. (2 lecture hours, 3 laboratory hours/week)

Not part of a TN Transfer Pathway.

DHT 201 Pharmacology and Pain Control Credits: 4

This course provides an introduction to modern therapeutic drugs. Dosage forms, sources, prescriptions, and metabolism are covered first, then students study human physiological systems and the most important drugs used to affect these systems. Emergency and new drugs are included. This course addresses coverage of pain and anxiety management for conscious dental clients. The indications, contraindications, and pharmacology of local anesthesia and nitrous oxide and oxygen sedation used in dentistry will be discussed. Local anesthesia techniques and the administration of nitrous oxide and oxygen sedation will be studied. Students will be introduced to general anesthesia, parenteral sedation and anti-anxiety medications. Administration of local anesthesia techniques will be performed. (3 lecture and 1 hour lab weekly)

Not part of a TN Transfer Pathway.

DHT 211 Dental Hygiene Seminar: Ethics and Jurisprudence Credits: 2

This course presents professional dental hygiene topics from a historical, economic, legal/ethical, global, political, social, interdisciplinary and multicultural framework. Students will investigate current issues in the field of dental hygiene education, examine ethical and legal concerns in the practice of dental hygiene, and explore the accelerating need for access to care. Students will develop solutions which could be used to influence organizational, institutional, and governmental decisions impacting oral health care. Dental hygiene rules and regulations of the state's dental practice act are examined with reference to the regulatory agencies, current legislation and making application for licensure. Students make preparation for acquisition of employment with the construction of a resume and practicing interview skills. (2 lecture hours/week)

Not part of a TN Transfer Pathway.

DHT 212 Community Dental Health Credits: 3

This course is designed to provide concepts and principles related to the practice of community oral health. Prevention, access to care, providers of dental services, financing dental care, and quality assurance are discussed. The dental hygienist's role in developing community oral health programs is an integral component. The significance of oral health measures for all members of society is addressed. The dental hygiene student will develop oral health education programs for diverse populations utilizing the dental hygiene process of care paradigm of assessment, planning, implementation, and evaluation. Field experiences will take place in community schools, extended care facilities, outpatient treatment facilities, and acute care facilities. (2 lecture hours, 3 laboratory hours/week)

Not part of a TN Transfer Pathway.

DHT 221 Clinical Dental Hygiene II Credits: 2

This clinical course focuses on the dental hygiene student building on prior experience in providing comprehensive dental hygiene treatment. Increased opportunity for treating clients with moderate to severe periodontal disease for different age groups (child, adolescent, adult and geriatric) as well as those with complex medical and pharmacological histories is introduced. Students gain experience in applying advanced strategies in assessment, care planning, oral health education, and instrumentation. Student directed judgment and relating theory to the clinical component of dental hygiene education are emphasized. (180 total clinic hours/semester)
Not part of a TN Transfer Pathway.

DHT 222 Clinical Dental Hygiene III Credits: 2

This clinical course challenges the dental hygiene student to work ethically, professionally and independently in providing comprehensive dental hygiene treatment for clients in all stages of periodontal health with increased concentration on treating clients with moderate to severe periodontal disease. Dental hygiene treatment based on current scientific theories, research, and standard of care is expected. Meeting the individual needs of clients utilizing problem-solving strategies, critical thinking skills, increased efficiency in patient and time management skills, and good communication is emphasized. Students make preparation for a clinical board examination with criterion selection of a suitable patient. (180 total clinic hours/semester)
Not part of a TN Transfer Pathway.

DHT 240 Principles of Dental Hygiene II Credits: 2

This course addresses the care and clinical management of special needs clients who present with conditions/diseases of significance to dental hygiene care. Included is discussion of the pathophysiology, etiology, psychosocial, physical, and oral characteristics, potential emergencies, and the related dental hygiene process of care associated with these conditions/diseases. Preparation of a case-study document/research paper on a selected topic including accessing and implementation of evidence-based resource materials is included. (2 lecture hours/week)
Not part of a TN Transfer Pathway.

DHT 242 Principles of Dental Hygiene III Credits: 2

This course provides for the presentation of a prepared case study that includes material in the areas of assessment of patient characteristics, interpretation of radiographs, planned and managed dental hygiene care, utilization of non-surgical periodontal procedures, preventive agents, supportive treatment services and professional responsibilities. Included is a systematic approach to board preparation and dental hygiene curricula review. Information presented in this course will assist senior dental hygiene students in preparing for credentialing examinations and other procedures required for obtaining a dental hygiene license. (2 lecture hours/week)
Not part of a TN Transfer Pathway.

DHT 251 Periodontology Credits: 3

This course focuses on periodontal diseases and their relevance for the dental hygienist. A review of the anatomy and structures of the periodontium is included. A thorough analysis and application of the clinical dental hygiene diagnosis is provided. Emphasis is placed on the etiology, systemic correlation, clinical and radiographic assessment, diagnosis and classification, treatment planning, treatment evaluation, periodontal maintenance and surgical and non-surgical treatment procedures of periodontal diseases. (3 lecture hours/week)
Not part of a TN Transfer Pathway.

Early Childhood Education

ECED 1310 Introduction to Early Childhood Education Credits: 3

Introduction to Early Childhood Education is an introduction to the early childhood profession, including an emphasis on professionalism and developmentally appropriate practice. The course also includes an overview of history of early education; theoretical program models; different types of early childhood programs, community resources; professional organizations, and contemporary trends and issues in programs for children ages birth through eight. Field experience required.
Course designed for transfer and part of the TN Transfer Pathways
Formerly ECED 1010

ECED 2186 Special Topics in Early Childhood Education Credits: 1

This is a course designed to promote student learning in specially selected topics in early childhood. Topics will be created to address individual student's learning needs and interests. Topics will help further student's understanding of early childhood education. Topics may include, but are not limited to, developmentally appropriate practice, early childhood theory and theorists, and professionalism and advocacy in the early childhood field. (Prerequisites: Satisfactory completion of remedial reading, if needed, and ECED 2315) Course availability determined by program director.
Not part of a TN Transfer Pathway.
Formerly ECED 2001

ECED 2286 Special Topics in Early Childhood Education Credits: 2

The study of programs, trends, and issues in the field of Early Childhood Education. (Prerequisites: Satisfactory completion of remedial reading, if needed, and ECED 2315) Course availability determined by program director.
NOT part of a TN Transfer Pathway

ECED 2300 The Mentoring Teacher Credits: 3

The Mentoring Teacher is a study of the philosophy, principles, and methods of mentoring adults who have varying levels of training.

Emphasis will be on the role of mentors as facilitators of adult learning, while also addressing the needs of parents, other staff, and of children from birth through eight. Field experience is required. F (alternating years)

Not part of a TN Transfer Pathway.

Formerly ECED 2100

ECED 2310 Safe, Healthy Learning Environments Credits: 3

Safe, Healthy, Learning Environments is a study of the basic principles and practices of safety, health and nutrition as they relate to the early childhood setting, home and community for children ages birth through eight. Also included is a study of principles of creating appropriate learning environments for young children. Field experience required.

Not part of a TN Transfer Pathway.

Formerly ECED 2010

ECED 2312 Administration of Child Care Centers Credits: 3

Administration of Early Childhood Programs is a study of organizational and administrative practices applicable to serving children ages birth through eight. Topics of particular consideration include leadership, enrollment, public relations, staff-management, financial management, facilities, regulations, family relations, and program development. Field experience is required. Sp - alternating years

Not part of a TN Transfer Pathway.

Formerly ECED 2120

ECED 2315 Early Childhood Curriculum Credits: 3

Early Childhood Curriculum is a study of developmentally appropriate practices and the teacher's role in supporting development of young children ages birth through eight. Also, an emphasis on curriculum planning including goals, environment, roles of teachers and parents, materials and settings. Field experience required. F, Sp

Not part of a TN Transfer Pathway.

Formerly ECED 2015

ECED 2320 Infant, Toddler, Child Development Credits: 3

Infant, Toddler, Child Development is a study of the physical, cognitive, social, and emotional aspects of young children and their application to the care, guidance and development of the child birth through eight.

Field experience required. (Prerequisites: Completion of any READ or ENGL Learning Support requirements, if applicable) Sp - alternating years

Course designed for transfer and part of the TN Transfer Pathways

Formerly ECED 2020

ECED 2335 Initial Practicum Credits: 3

Initial Practicum is a supervised practicum which includes a minimum of 30 clock hours in instruction and 45 clock hours in a clinical site approved by the department (accredited agency, 3-Star, or department-approved site). These hours may be completed in the student's employment site with departmental approval. The course includes a study of the physical and human qualities that combine to create an environment that is safe and healthy and promotes optimum learning for young children ages birth through eight. (Co-requisite of ECED 2310 recommended) F, Sp

Not part of a TN Transfer Pathway.

Formerly ECED 2130

ECED 2340 Family Dynamics & Community Involvement Credits: 3

Family Dynamics & Community Involvement is a study of the role of the family and community in the physical, cognitive, social and emotional growth of the child in a diverse society. Topics include benefits of and strategies for developing positive, reciprocal relationships with families in an early childhood setting. Field experience is required. F, Sp

Course designed for transfer and part of the TN Transfer Pathways

Formerly ECED 2040

ECED 2360 Development of Exceptional Children Credits: 3

Development of Exceptional Children explores practices that early childhood professionals can apply to develop a more inclusive and accessible environment for all children ages birth through eight. It provides students with skills to include children of all abilities through appropriate arrangement of the environment. The course includes strategies for developing strong relationships with families and other community agencies. Field experience is required. (Prerequisites: ECED 2320) F - alternating years

Course designed for transfer and part of the TN Transfer Pathways

Formerly ECED 2060

ECED 2365 Final Practicum Credits: 3

Final Practicum is a supervised clinical experience with a minimum of 15 clock hours in instruction and 90 clock hours in a Clinical Site approved by the Department (accredited agency, 3-star or Department-approved site). Up to 45 hours may be completed in the student's employment site with department approval. Focuses on the student's demonstration of competencies that produce positive developmental outcomes for young children ages birth through eight. (Prerequisite: ECED 2320) F - alternating years

Not part of a TN Transfer Pathway.

Formerly ECED 2160

ECED 2370 Developmental Assessment Credits: 3

Developmental Assessment covers assessment for children from birth through eight. Both formal and informal instruments will be discussed with the emphasis on tools that can be effectively used by teachers of young children. Considerations in choosing, administering, and reporting results of assessments are also addressed. Field experience is required. (Prerequisite: ECED 2320) Sp - alternating years

Not part of a TN Transfer Pathway.

ECED 2375 Socio-Emotional Development Credits: 3

This course addresses promotion, prevention, and intervention strategies related to young children's social-emotional development and challenging behavior. The course is built around the Teaching Pyramid (Fox, Dunlap, Hemmeter, Joseph & Strain, 2003), which is a framework for understanding effective practices related to supporting young children's social-emotional development and addressing challenging behavior. The model includes a focus on building relationships with children, families, and colleagues. The course also stresses designing environments that support young children's social-emotional competence, developing strategies for teaching social skills, and promoting emotional development. It includes a systematic approach for addressing challenging behavior when it is persistent and not responsive to developmentally appropriate guidance procedures. (Prerequisite: none)

Not part of a TN Transfer Pathway

ECED 2380 Language and Literacy in Early Childhood Credits: 3

Language and Literacy in Early Childhood focuses on research-based principles and practices for providing young children aged birth through eight with a strong foundation in language and literacy, using a developmentally appropriate approach. Field experience is required. (Prerequisite: ECED 2015 or 2315) F - alternating years

Not part of a TN Transfer Pathway.

Formerly ECED 2080

ECED 2385 Math and Science in Early Childhood Credits: 3

Math and Science in Early Childhood is a course covering the standards, principles, and practices in teaching mathematics and science to young children ages birth through eight. The course emphasizes developing an integrated math and science curriculum that includes appropriate content, processes, environment and materials, and child-centered choices. Field experience is required. (Prerequisite: ECED 2015 or 2315) F- alternating years

Not part of a TN Transfer Pathway.

Formerly ECED 2085

ECED 2386 Special Topics in Early Childhood Education Credits: 3

The study of programs, trends, and issues in the field of Early Childhood Education. (Prerequisites: Satisfactory completion of remedial reading, if needed, and ECED 2315) Course availability determined by program director.

NOT part of a TN Transfer Pathway

ECED 2390 Creative Development Credits: 3

Creative Development provides strategies for promoting creative development of the child ages birth through eight. Topics include understanding of the concept of creativity: what it is, why it is important, and how the development of creativity relates to art, music, movement, and drama. Field experience is required. Sp - alternating years

Not part of a TN Transfer Pathway.

Formerly ECED 2090

Economics

ECON 2010 Macroeconomics Credits: 3

This course is a study of basic economic concepts and macroeconomics. Topics to be covered will include basic economic theory, economic systems, national income accounting, unemployment and inflation, money and banking, fiscal and monetary policy. No prerequisites. Roane State General Education course approved and designed for transfer.

ECON 2020 Microeconomics Credits: 3

This course is a study of basic economic concepts and microeconomics. Topics covered include consumer and firm behavior, economic growth, market structures, price and output determination, labor and unions, international trade and finance. No prerequisites.

Roane State General Education course approved and designed for transfer.

Education

EDU 100 Orientation to College Credits: 1

Valuable information to promote the student's success in college.

Includes registration and advisement procedures; financial aid; counseling and other student services; study habits; and other topics that should contribute to student success. (It is advised that EDU 100 be taken concurrently with ENGL 1010.) Course availability determined by dean.

Not part of a TN Transfer Pathway.

EDU 101 Introduction to the Teaching Profession Credits: 3

Survey of the roles and responsibilities in the teaching profession and of current educational issues, practices, and problems. Information on employment opportunities, legal issues, changing social expectations of education institutions. Students will be provided experiences with preparation of instructional materials using a variety of media and will be required to develop instructional media. F, Sp

Course designed for transfer and part of the TN Transfer Pathways

EDU 102 Pre-Service Seminar Credits: 1

This course will prepare pre-service teachers in skills and tools needed to obtain a teaching position. Included in the course will be resume building, networking, teaching philosophies, interviewing techniques, and other skills related to a career in teaching. Not part of the TN Transfer Pathway.

EDU 111 Introduction to Educating Exceptional Children Credits: 3

Examination of categories of exceptionality (mental retardation, giftedness, deafness, blindness, emotional disturbance, orthopedic impairment, etc). Brief review of educational strategies used with particular problems. Site visits to acquaint the student with services, settings, and teacher roles. F, Sp
Course designed for transfer and part of the TN Transfer Pathways

EDU 210 Child and Adolescent Development Credits: 3

Comprehensive overview of human physical, psychological, and social development from prenatal to late adolescent development. F, Sp
Not part of a TN Transfer Pathway.

EDU 211 Educational Psychology Credits: 3

Focus on making classroom education more effective by applying specific principles from the following areas of psychology: development, learning, motivation, evaluation, individual differences, and adjustment. (Prerequisite: EDU 101 or permission of instructor) F, Sp
Course designed for transfer and part of the TN Transfer Pathways

EDU 223 Instructional Aids and Equipment Credits: 1

Basic operation of audiovisual hardware and selection, as well as the utilization of materials for developing instructional media. Students will be provided experiences with preparation of instructional materials using a variety of media. (Prerequisites: EDU 101 and computer skills) F, Sp
Not part of a TN Transfer Pathway.

EDU 231 Field Experiences I Credits: 2

A cooperative classroom experience for the student and local school systems. Student exposure to duties, responsibilities, and requirements of the teaching profession. F, Sp
Not part of a TN Transfer Pathway.

EDU 2310 Service Learning in Education and World Cultures Credits: 3

This course will allow students to conceptually compare classroom learning with a real world global experience in education. Students will research, examine and study the global environment of a selected international education system and cultural society. Experience with diverse students of a selected international destination is the focus.

EDU 232 Field Experiences II Credits: 2

A cooperative classroom experience for the student and local school systems. Student exposure to duties, responsibilities, and requirements of the teaching profession. Course availability determined by dean.
Not part of a TN Transfer Pathway.

EDU 233 Praxis I Review Credits: 1

This course will review the three areas tested by the Praxis I, reading, writing and math.
Not part of a TN Transfer Pathway.

Environmental Health Technology

EHTC 1300 Waste Management and Pollution Prevention Credits: 3

An overview of the regulatory drivers and systems by which hazardous and non-hazardous wastes are managed. Incentives for waste minimization are presented, as well as techniques and sources of information. Course availability determined by dean.
Formerly EHT 120
Not part of a TN Transfer Pathway.

EHTC 1301 Industrial Hygiene and Safety I Credits: 3

An overview of industrial hygiene and safety concepts including a recognition of occupational hazards and classes of control techniques. Human anatomy and physiology as it relates to occupational hazards is presented. Students are also introduced to the Occupational Safety and Health Act and its administration. Course availability determined by dean.
Formerly EHT 130
Not part of a TN Transfer Pathway.

EHTC 2140 Special Topics in Environmental Health Credits: 1 TO 3

This elective course is designed to allow instruction in special topics deemed necessary to meet the demands of business and industry. Course availability determined by dean.
Formerly EHT 225
Not part of a TN Transfer Pathway.

EHTC 2240 Special Topics in Environmental Health Credits: 1 TO 3

This elective course is designed to allow instruction in special topics deemed necessary to meet the demands of business and industry. Course availability determined by dean.
Formerly EHT 225
Not part of a TN Transfer Pathway.

EHTC 2301 Environmental and Occupation Law and Regulations Credits: 3

Provides an introduction to those instruments used to evaluate such occupational hazards as noise, radiation, heat stress, oxygen deficiency, explosive atmospheres, and hazardous chemicals and an examination of techniques for characterizing water, wastewater, and hazardous wastes. Environmental sampling techniques and protocols are presented. Course availability determined by dean.
Formerly EHT 201
Not part of a TN Transfer Pathway.

EHTC 2310 Environmental Instrumentation Credits: 3

A review of federal, state, and local emergency response guidelines and methods for protecting workers employed in hazardous waste operations and emergency response. Course availability determined by dean.

Formerly EHT 210

Not part of a TN Transfer Pathway.

EHTC 2311 Safety & Emergency Response Credits: 3

A review of federal, state, and local emergency response guidelines and methods for protecting workers employed in hazardous waste operations and emergency response. Course availability determined by dean.

Formerly EHT 211

Not part of a TN Transfer Pathway.

EHTC 2315 Applied Radiological Control Technology Credits: 3

Study of the core academic knowledge and skill required of entry level radiation control technicians. Includes applying skills in mathematics, algebra, physical sciences and life sciences to the control of occupational exposure of workers to ionizing radiation. Topics include radiation mathematics, physical sciences, nuclear physics, sources of radiation, biological effects of radiation, radiological protection, exposure control, and radiation detector theory and operation. Course availability determined by dean.

Formerly EHT 215

Not part of a TN Transfer Pathway.

EHTC 2320 Industrial Hygiene and Safety II Credits: 3

A more in-depth analysis of the physical, biologic, and chemical hazards encountered in the workplace. Topics include exposure to temperature extremes, noise, radiation, hazardous chemicals, and biologic hazards including bloodborne pathogens. Specific administrative and engineering controls and personal protective equipment are presented. Course availability determined by dean.

Formerly EHT 230

Not part of a TN Transfer Pathway.

EHTC 2340 Special Topics in Environmental Health Credits: 1 TO 3

This elective course is designed to allow instruction in special topics deemed necessary to meet the demands of business and industry. Course availability determined by dean.

Formerly EHT 225

Not part of a TN Transfer Pathway.

EHTC 2420 Internship Credits: 4

Work experience designed to familiarize students with applications of principles utilized in the environmental field. Students must attain at least 200 contact hours. No student may enroll in an internship without the approval of the instructor. Course availability determined by dean.

Formerly EHT 242

Not part of a TN Transfer Pathway.

Emergency Medical Respond**EMR 1000 Emergency Medical Responder Credits: 3**

This is the initial course in pre-hospital emergency medical care. Student learning will focus on patient assessment, current American Heart Association CPR and Stroke guidelines, emergency care and movement of patients without causing injury. Successful completion of this course will allow the student to sit for licensure given by the National Registry of EMTs. (Prerequisite: 17 years old by course completion and ACT Reading Score 19 or higher). (2 hours lecture/2 hours lab per week) (Dual Credit Only).

Not part of a TN Transfer Pathway.

Advanced EMT**EMSA 1111 Advanced EMT Clinical Credits: 1**

The Advanced EMT Clinical is one of two courses designed to allow the student to meet all psychomotor and affective objectives for the clinical requirements of an Advanced Emergency Medical Technician program and build upon the concepts and knowledge gained during prior and/or concurrent courses. (48 total clinical hours)

Not part of a TN Transfer Pathway.

EMSA 1112 Advanced EMT Field Internship Credits: 1

The Advanced EMT Field Internship is one of two courses designed to allow the student to meet all psychomotor and affective objectives for the clinical requirements of an Advanced Emergency Medical Technician program and build upon the concepts and knowledge gained during prior and/or concurrent courses. (48 total clinical hours)

Not part of a TN Transfer Pathway.

EMSA 1201 Adv EMT Medical Skills Lab Credits: 2

The Advanced EMT Medical Skills Lab is one of two laboratory based courses intended to focus the student on developing skills related to theory presented in didactic classes taken as co-requisites for this course. This laboratory experience will utilize scenarios to emphasize airway maintenance, medication administration, and successfully assessing patients with a variety of medical concerns. (2 credit hours/4 hours lab per week)

Not part of a TN Transfer Pathway.

EMSA 1202 Adv EMT Trauma/Med Skills Lab Credits: 2

The Advanced EMT Trauma and Medical Skills Lab is one of two laboratory based courses intended to focus the student on developing skills related to theory presented in didactic classes taken as co-requisites for this course. This laboratory experience will utilize scenarios to emphasize airway maintenance, medication administration, and successfully assessing patients with a variety of medical concerns. (2 credit hours/4 hours lab per week)

Not part of a TN Transfer Pathway.

EMSA 1501 Adv EMT Medical Emergencies Credits: 5

The Advanced EMT Medical Emergencies is one of two lecture courses which includes basic and limited advanced skills focused on the acute management and transportation of critical and emergent patients. This course includes the following topics: Emergency Medical Responder and Emergency Medical Technician- National Educational Standards competencies, roles and responsibilities of the AEMT, workforce safety, wellness, public health, communications, documentation, medical/legal/ethical considerations, anatomy and physiology, life span development, pathophysiology, patient assessment, critical thinking, airway management, respiratory emergencies, cardiovascular emergencies, acute diabetic emergencies, abdominal and gastrointestinal emergencies, urologic emergencies, anaphylactic reactions, and behavioral emergencies. (5 hours lecture per week)

Not part of a TN Transfer Pathway.

EMSA 1502 Adv EMT Trauma/Med Emergencies Credits: 5

The Advanced EMT Trauma and Medical Emergencies is one of two lecture courses which includes basic and limited advanced skills focused on the acute management and transportation of critical and emergent patients. This course includes the following topics: obstetrics and gynecology, neonatal care, pediatric emergencies, geriatric emergencies, environmental emergencies, patients with special challenges, EMS operations, trauma and shock. Trauma and shock will include the following topics: bleeding, soft tissue injuries, head & spine injuries, face & neck injuries, chest injuries, abdominal & genitourinary injuries, and orthopedic injuries. (5 hours lecture per week)

Not part of a TN Transfer Pathway.

Emergency Medical Technology

EMSB 1101 EMT Medical Skills Lab Credits: 1

EMT Medical Skills Lab is a laboratory based course utilizing scenarios to emphasize EMS operations, communications, documentation, medical/legal/ethical considerations, airway management, respiratory emergencies, cardiovascular emergencies, acute diabetic emergencies, abdominal and gastrointestinal emergencies, urologic emergencies, anaphylactic reactions, behavioral emergencies, assisting with medication administration, and successful assessment of patients with a variety of medical concerns. This course includes application of principles and processes discussed in EMT Medical Emergencies. (2 contact hours per week)

Not part of a TN Transfer Pathway

EMSB 1102 EMT Trauma-Medical Skills Lab Credits: 1

EMT Trauma and Medical Skills Lab is a laboratory based course utilizing scenarios to emphasize obstetrics and gynecology, neonatal care, pediatric emergencies, geriatric emergencies, environmental emergencies, patients with special challenges, trauma and shock. (2 contact hours per week)

Not part of a TN Transfer Pathway

EMSB 1111 EMT Clinical Credits: 1

EMT Clinical is one of two clinical courses designed to allow the student to meet all psychomotor and affective outcomes for the clinical requirements of an EMT program and build upon the concepts and knowledge learned in EMT Medical Emergencies and EMS Operations. (48 total contact hours)

Not part of a TN Transfer Pathway

EMSB 1112 EMT Field Internship Credits: 1

EMT Field Internship is one of two clinical courses designed to allow the student to meet all psychomotor and affective outcomes for the clinical requirements of an EMT program and build upon the concepts and knowledge learned during prior and/or concurrent courses. (48 total contact hours)

Not part of a TN Transfer Pathway

EMSB 1601 EMT Medical Emergencies and Operations Credits: 6

EMT Medical Emergencies and EMS Operations is one of two lecture courses designed to provide the student with the knowledge of an entry-level Emergency Medical Technician (EMT). This course includes the following topics: Emergency Medical Responder-National Educational Standards competencies, roles and responsibilities of the EMT, workforce safety, wellness, public health, communications, documentation, EMS operations, medical/legal/ethical considerations, fundamental anatomy and physiology, life span development, fundamental pathophysiology, patient assessment, airway management, respiratory emergencies, cardiovascular emergencies, acute diabetic emergencies, abdominal and gastrointestinal emergencies, urologic emergencies, anaphylactic reactions, and behavioral emergencies. (6 lecture hours per week)

Not part of a TN Transfer Pathway

EMSB 1602 EMT Trauma and Medical Emergencies Credits: 6

EMT Trauma and Medical Emergencies is the second of two lecture courses designed to provide the student with the knowledge of an entry-level Emergency Medical Technician (EMT). This course includes the following topics: obstetrics and gynecology, neonatal care, pediatric emergencies, geriatric emergencies, environmental emergencies, patients with special challenges, trauma and shock. Trauma and shock will include the following topics: bleeding, soft tissue injuries, head & spine injuries, face & neck injuries, chest injuries, abdominal & genitourinary injuries, and orthopedic injuries. (6 lecture hours per week)

Not part of a TN Transfer Pathway

Emergency Med Srvc Para

EMSP 1311 Paramedic Clinical I Credits: 3

Paramedic Clinical I is the first of three clinical courses designed to allow the student to meet all psychomotor and affective objectives for the clinical requirements of a paramedic program and build upon the concepts and knowledge gained during the first semester. (152 total contact hours)

Not part of a TN Transfer Pathway

EMSP 1401 Paramedic Skills Lab I Credits: 4

Skills Lab I is a laboratory based course utilizing scenarios to emphasize airway management, medication administration, and successful assessment of patients with a variety of medical concerns and an introduction to cardiology. This course includes application of principles and processes discussed in Fundamentals I. (8 contact hours per week)
Not part of a TN Transfer Pathway

EMSP 1801 Fundamentals of Paramedic I Credits: 8

Fundamentals of Paramedic I is the first of two lecture courses to include the following topics: paramedic roles, responsibilities, workforce safety, wellness, public health, communications, documentation, EMS operations, medical/legal considerations, anatomy and physiology, life span development, general pathophysiology, general pharmacology, patient assessment, critical thinking, airway management, respiratory emergencies and introduction to cardiology. (8 contact hours per week)
Not part of a TN Transfer Pathway

EMSP 2303 Paramedic Practicum Credits: 3

Paramedic Practicum is a combination of laboratory and scenarios based course intended to assist students on developing skills related to the theories presented in their previous courses. This course will allow for preparation for psychomotor licensure testing and preparation as a competent entry level Paramedic. (6 contact hours per week)
Not part of a TN Transfer Pathway

EMSP 2402 Paramedic Skills Lab II Credits: 4

Paramedic Skills Lab II is a laboratory based course intended to utilize scenarios to emphasize respiratory/cardiac emergencies (on-going from EMSP 1401), pulmonology, neurology, endocrinology, gastroenterology, urology and nephrology, hematology, gynecology, obstetrics, neonatology, pediatrics, trauma, continuing cardiology, and successful assessment of patients with a variety of medical conditions. This course includes application of principles and processes discussed in Fundamentals II. (8 contact hours per week)
Not part of a TN Transfer Pathway

EMSP 2403 Paramedic Capstone Credits: 4

Paramedic Capstone serves as a mechanism to ensure that the student meets academic requirements to test for National Registry and licensure. This course will include all necessary steps needed to complete the program including exit exams, preparation for National Registry practical and written exams, exit interviews, patient care review by the Medical Director, and any other administrative requirements that the program may deem necessary. (4 contact hours per week)
Not part of a TN Transfer Pathway

EMSP 2412 Paramedic Clinical II Credits: 4

Paramedic Clinical II is the second of three clinical experiences designed to allow the student to meet all psychomotor and affective objectives for the clinical requirements of a paramedic program and to build upon the concepts and knowledge gained during prior and/or concurrent courses. (196 total contact hours)
Not part of a TN Transfer Pathway

EMSP 2513 Paramedic Field Internship Credits: 5

Paramedic Field Internship provides evidence that the student is capable of acting as a team leader in managing the emergency care and treatment of an injured or ill patient at the paramedic level. The student will demonstrate competency in this role. While all skill sets should have been achieved prior to initiating the internship, patient types and pathologies may be used from this experience to complete the minimum graduation academic requirements as set forth in CoAEMSP accreditation documents and the Tennessee Office of EMS. (240 total contact hours)
Not part of a TN Transfer Pathway

EMSP 2802 Fundamentals of Paramedic II Credits: 8

Fundamentals of Paramedic II is the second of two lecture courses to include the following topics: respiratory & cardiology (on-going from EMSP 1801), pulmonology, neurology, endocrinology, gastroenterology, urology and nephrology, hematology, gynecology, obstetrics, neonatology, pediatrics, geriatric emergencies, psychological emergencies and trauma/shock. (8 contact hours per week)
Not part of a TN Transfer Pathway

Emergency Medical Technology

EMT 2170 Comprehensive Advanced Cardiac Life Support Credits: 3

n introduction to common cardiac emergencies encountered by pre-hospital care providers in adult and child populations. Emphasis is on the recognition and management of emergencies related to the respiratory and cardiovascular systems. This course covers interpretation of EKG rhythm strips, treatment algorithms, and introduction to ischemia, injury and infarction patterns in 12-lead EKGs. Upon successful completion of this course, students will be ACLS and PALS trained by AHA standards. (Prerequisites: Admission to the Respiratory Therapy Program) 2 hours lecture and 2 hours lab per week). Sp
Not part of a TN Transfer Pathway.

English

ENGL 0500 Basic Writing Credits: 3

Basic Writing is designed to develop basic skills essential in writing standard English. Emphasis will be given to basic mechanics of spelling, punctuation, capitalization, pronoun usage, verb tense, sentence structure, paragraph development, and the writing of short essays. Satisfactory completion of this course and evidence of competencies in these areas is a prerequisite for ENGL 0510 and its college-level co-requisite course (ENGL 1010). F, Sp, Su

ENGL 0510 Writing Learning Support Credits: 3

For students who have placed into Writing Learning Support (WLS). ENGL 0510 develops writing skills with special focus on the composing of essays assigned in ENGL 1010, the co-requisite writing class. The control of sentence-level features such as grammar, usage, punctuation, and spelling is emphasized, as is the development of vocabulary, reading comprehension, critical thinking, and study skills. Individualized, computerized instruction allows students to address discrete writing and grammatical skills while targeted small-group discussions, workshops, and conferences give primary focus to the writing of essays. Students who complete all Writing Learning Support competencies earn a passing grade in ENGL 0510. A passing grade in the co-requisite ENGL 1010 class will satisfy WLS requirements regardless of the grade earned in ENGL 0510. ENGL 0510 does not satisfy graduation requirements. (Co-requisite: ENGL 1010) F, Sp, Su
Not part of a TN Transfer Pathway.

ENGL 1010 Composition I Credits: 3

Composition I is designed to develop proficiency in essays based on several rhetorical modes of writing, such as narrative (personal experience) and expository (informative) essays. The majority of the essays are applicable to major fields of study and societal issues. Research paper required. (Pre-requisite: Reading learning support classes must be completed prior to enrollment in this course.) F, Sp, Su
Roane State General Education course approved and designed for transfer.

ENGL 1020 Composition II Credits: 3

Writing based on literature and research. Includes interpretation and analysis of fiction, drama, poetry, and the novel. (Prerequisite: ENGL 1010) Note: ENGL 1020 may not be used as a humanities elective. F, Sp, Su
Roane State General Education course approved and designed for transfer.

ENGL 2110 Survey of American Literature I Credits: 3

Survey of American literature from the Colonial period to the Civil War. May include selections from Poe, Hawthorne, Thoreau, Dickinson, Whitman, etc. (Prerequisite: ENGL 1020) F, Sp
Roane State General Education course approved and designed for transfer. (TTP Course)

ENGL 2120 Survey of American Literature II Credits: 3

Survey of American literature from the Civil War through the Modern period. May include selections from Twain, Frost, Eliot, Faulkner, O'Connor, etc. (Prerequisite: ENGL 1020) F, Sp, Su
Roane State General Education course approved and designed for transfer. (TTP course)

ENGL 2210 Survey of British Literature I Credits: 3

Survey of British literature from the Old (in translation) and Middle periods through the 18th century, with emphasis on primary texts and their link with historical Britain. May include selections from Chaucer, Spenser, Shakespeare, Behn, Swift, etc. (Prerequisite: ENGL 1020) F
Roane State General Education course approved and designed for transfer. (TTP course)

ENGL 2220 Survey of British Literature II Credits: 3

Survey of British literature from the Romantic through the Modern periods, with emphasis on primary texts and their political and social significance in Britain. May include selections from Wollstonecraft, Wordsworth, Keats, Byron, Bronte, Tennyson, the Brownings, Yeats, Eliot, etc. (Prerequisite: ENGL 1020) Sp
Roane State General Education course approved and designed for transfer. (TTP course)

ENGL 2310 Survey of World Literature I Credits: 3

Survey of world literature from the ancient world to the Renaissance. May include selections from the Bible, Greek and Roman classics, Dante, Marie de France, Chaucer, Cervantes, Shakespeare, etc. (Prerequisite: ENGL 1020) F, Sp
Roane State General Education course approved and designed for transfer. (TTP course)

ENGL 2320 Survey of World Literature II Credits: 3

Survey of world literature from the Renaissance through the Modern period. Includes selections from Moliere, Voltaire, Swift, Flaubert, Dostoevsky, Tolstoy, contemporary world authors, etc. (Prerequisite: ENGL 1020) F, Sp
Roane State General Education course approved and designed for transfer. (TTP course)

ENGL 2520 Introduction to Poetry Credits: 3

Study of poetry as a distinct genre of artistic expression. Emphasizes analyzing and writing about poetry. (Prerequisite: ENGL 1020) Course availability determined by dean.
Not part of a TN Transfer Pathway.

ENGL 2530 Seminar in Creative Writing Credits: 3

Theory and practice of the creation of poetry or prose through the analysis of models and student manuscripts developed in a workshop setting. (Prerequisite: ENGL 1010) Sp
Not part of a TN Transfer Pathway.

Engineering

ENGR 1110 Survey of Engineering Credits: 1

Overview of the required skills, types of jobs, and specialty areas in engineering. An overview of the goals, objectives, methods, and ethics of the engineering profession in all the major engineering disciplines is presented. F, Sp
Not part of a TN Transfer Pathway.

ENGR 1120 Computer Aided Engineering Credits: 3

Introduction to computers in engineering using structured programming in BASIC, Visual BASIC, and C to create solutions to typical engineering applications. Applications of computer packages such as engineering spread sheets, graphics, and word processors will be included. Sp
Not part of a TN Transfer Pathway.

ENGR 1610 Fundamentals of Engineering Credits: 2
Graphics I

Technical sketching, geometries construction with emphasis on plane surface analysis; presentation of engineering data; graphical solution of three-dimensional space problems; primary and secondary auxiliary views. Application of Computer-Aided Design and Drafting (CADD) in solving engineering problems. F, Sp
Not part of a TN Transfer Pathway.

ENGR 1620 Fundamentals of Engineering Credits: 3
Graphics II

Continuation of Fundamentals of Engineering Graphics I with emphasis on CAD applications in three dimensional drawing, working drawings, assemblies and details, CAD component evaluation and use. Selected problems from the engineering sciences utilizing special drawing techniques on electronic mediums. Course availability determined by dean.
Not part of a TN Transfer Pathway.

ENGR 2010 AutoCAD I Credits: 3

The utilization of computers in the design and drafting process using AutoCAD. The selection of CAD component, the command and syntax structure, basic drawing and editing techniques, two-dimensional and three-dimensional drawing techniques. Two three-hour periods or three two-hour periods, including two hours lecture per week. Course availability determined by dean.
Not part of a TN Transfer Pathway.

ENGR 2110 Statics Credits: 3

Statics of particles and rigid bodies, resultants of force systems, static equilibrium, friction, moments, and application to trusses. (Prerequisite: MATH 1910; Corequisite: PHYS 2110) F
Course designed for transfer and part of the TN Transfer Pathways.

ENGR 2120 Dynamics Credits: 3

Dynamics of particles and rigid bodies, kinematics, kinetics, Newton's laws, work and energy, and impulse and momentum. (Prerequisite: ENGR 2110) Sp
Course designed for transfer and part of the TN Transfer Pathways.

ENGR 2130 Electrical Circuits 1 w/Lab Credits: 4

A course in the fundamental concepts of circuit analysis, including charge, current, voltage, power; conductance, resistance, capacitance, inductance and operational amplifiers; steady-state analysis of AC and DC circuits; mesh and nodal analysis; Ohm's law, Kirchhoff's laws, superposition, Thevenin and Norton theorems; RL and RC transients and computer circuit simulation; Laplace transforms; complete solution for transient analysis for circuits with one and two storage elements. Lab provides introduction to electrical and electric components, circuits, test equipment and measurement techniques. (Prerequisite: MATH 1920, 2010; Corequisite MATH 2120).

ENGR 2140 Engineering Design Fundamentals Credits: 3

Introduction to the design process and engineering problem solving, developing teamwork and communication skills, building oral, written and digital presentation skills for the international workplace. This course is designed for students transferring to UTK.
Not part of a TN Transfer Pathway.

Financial Services

FNCE 1310 Principles of Finance Credits: 3

The course examines financial theory and procedures required for the financial decision-making function of business organizations with, and specific examination of, subject matter related to leasing, dividend policy, capital structure, long-term financing, convertibles, and warrants. F, Sp
Not part of a TN Transfer Pathway

FNCE 1320 Consumer Lending Credits: 3

This course examines the comprehensive overview of the consumer lending business. The emphasis will be focused on different credit products and also examine the consumer lending process from developing and taking loan applications to collection and recovery. The course will examine consumer loan information sources and the credit verification process. F, Sp
Not part of a TN Transfer Pathway

FNCE 1330 Introductions to Investments Credits: 3

The course presents the various investment alternatives and provides information related to the economic forces that influence the pricing of financial assets as well as providing information related to financial markets and various techniques of security valuation and analysis with emphasis on stock markets and the understanding of portfolio diversification. F, Sp
Not part of a TN Transfer Pathway

FNCE 2310 Money and Banking Credits: 3

Information is presented to allow the student to analyze the impact of money on some of the economy's key variables such as interest rates, inflation, and the banking industry. In addition, the roles that commercial banks and the Federal Reserve System play in the process of money creation and U.S. monetary policies. F, Sp
Not part of a TN Transfer Pathway

FNCE 2320 Principles of Insurance Credits: 3

This course presents the principles of risk and risk bearing; insurance carriers; survey of principles of life, health and accident, fire, marine, and automobile insurance policies; government regulation of insurance. F, Sp
Not part of a TN Transfer Pathway

French

FREN 1010 Beginning French I Credits: 3

Elementary grammar, pronunciation, and conversation through textbooks supplemented by audio cassettes, filmstrips, computer programs, and videotapes. F
Roane State General Education course approved and designed for transfer. (TTP course)

FREN 1020 Beginning French II Credits: 3

Continuation of Beginning French I. (Prerequisite: FREN 1010) Sp
Roane State General Education course approved and designed for transfer. (TTP course)

FREN 2010 Intermediate French I Credits: 3

Advanced grammar and conversation through use of textbooks supplemented by audio cassettes, filmstrips, computer programs, videotapes, and selected readings. (Prerequisite: FREN 1020). Course availability determined by dean.
Roane State General Education course approved and designed for transfer. (TTP course)

FREN 2020 Intermediate French II Credits: 3

Continuation of Intermediate French I. (Prerequisite: FREN 2010).
Course availability determined by dean.
Roane State General Education course approved and designed for transfer. (TTP course)

Geography

GEOG 1220 Human Geography Credits: 3

This course is an overview of man's spatial distribution over the earth's surface. It concentrates on the relationship between people, places, and environments and to applying spatial and ecological perspectives to life situations. Course availability determined by dean.
Roane State General Education course approved and designed for transfer.

GEOG 2010 World Regional Geography Credits: 3

Selected world regions, especially those with problems or situations of contemporary interest, are used to illustrate geographical concepts, points of view, and techniques of analysis. F, Sp, Su
Roane State General Education course approved and designed for transfer.

Geology

GEOL 1040 Physical Geology Credits: 4

An introduction to the physical processes acting within and upon the Earth's surface to create its many different features. Topics of interest include identification of minerals and rocks, plate tectonics, mountain building, volcanoes, stream activity, glaciation and regional landform development. Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) F
Roane State General Education course approved and designed for transfer.

GEOL 1050 Historical Geology Credits: 4

The study of the Earth's physical and biological history as interpreted from the rock and fossil record. Topics include an introduction to fossils, evolution and ancient environments, stratigraphy, and a review of earth history. Each student is assessed a lab fee for this course. 3 hours lecture, 3 hours laboratory (GEOL 1040 is strongly recommended as a prerequisite) Sp
Roane State General Education course approved and designed for transfer.

German

GERM 1010 German I Credits: 3

Essentials of German, developing and reading comprehensive, speaking and writing. Course availability determined by dean.
Roane State General Education course approved and designed for transfer. (TTP course)

GERM 1020 German II Credits: 3

Continuation of Beginning German I. (Prerequisite: GERM 1010)
Course availability determined by dean.
Roane State General Education course approved and designed for transfer. (TTP course)

GERM 2010 Intermediate German I Credits: 3

Review of German grammar and a continuation of the approach used in GERM 1010 and 1020. Selected readings. (Prerequisite: GERM 1020)
Course availability determined by dean.
Roane State General Education course approved and designed for transfer. (TTP course)

GERM 2020 Intermediate German II Credits: 3

Continuation of Intermediate GERM 2010. (Prerequisite: GERM 2010)
Course availability determined by dean.
Roane State General Education course approved and designed for transfer. (TTP course)

Geographic Information Systems

GIS 101 Introduction to Geographic Information Systems Credits: 4

An introductory course dealing with the basics of using computerized map information in science, education, social science, and business applications. Students will learn to organize their own projects using mapping software, spatial data, and a variety of geographic information technologies and tools. Business, education, and social science applications emphasize demographic data while scientific applications emphasize environmental and facility management issues. (Prerequisite: Working knowledge of Windows or Macintosh based PC systems). F, Sp
Not part of a TN Transfer Pathway.

GIS 105 Computer Cartography Credits: 3

An introduction to the properties, uses, symbology design and computer production of maps. Covers the creation of cartographically correct hard copy, digital, interactive and animated maps using ESRI ArcGIS. F
Not part of a TN Transfer Pathway.

GIS 110 Geographic Database Technology Credits: 3

Geographic Information Systems (GIS) need access to a great variety of data for decision making. This introductory course will cover major aspects of capturing, manipulating, and analyzing geographic and related data. Topics include hierarchical vs. flat-file databases, data tables, geographic objects and attributes, relational databases, geographic data organization, data conversions, import-export, and data quality assessment. The student will learn to construct queries using SQL and query-by-example tools to answer simple and more complex problems. Sp
Not part of a TN Transfer Pathway.

GIS 210 GPS and Digital Imagery Credits: 3

Using Global Positioning System (GPS) technology, this course will introduce topics of data capture editing, registration and rectification to provide an image for the extraction of geographic data such as property boundaries, streets, streams and structures. Uses of GPS in this course are to provide reference points for registering and rectification of images, verifying and creating spatial data. F
Not part of a TN Transfer Pathway.

GIS 211 Internet Mapping Applications Credits: 3

This course provides the foundation for distributing high-end GIS and mapping services via the internet. Students will learn how to design web based applications for integrating local and internet spatial data sources for query, display and analysis in a user friendly web browser. Sp
Not part of a TN Transfer Pathway.

GIS 220 GIS Network and Demographic Applications Credits: 3

The student will focus on developing a coherent framework for using the vast quantities of data made available by government and other sources along with his/her own data. The student will explore multiple views of a single issue or set of information by looking for new possibilities. (Prerequisites: GIS 101 and GIS 110). Sp
Not part of a TN Transfer Pathway.

GIS 230 GIS Project Management Credits: 3

Students in this course will plan, schedule and execute a professional level GIS team project for an outside client. Course objectives include project planning, resource budgeting, project documentation, Q/A, deliverable preparation and team work. (Prerequisite: GIS 101). Sp
Not part of a TN Transfer Pathway.

GIS 251 Seminar in Geographic Information Systems Credits: 1 TO 4

Special topics in GIS. Check with your advisor for courses available each semester.
Not part of a TN Transfer Pathway.

GIS 260 Seminar in GIS II Credits: 1

This course is a continuation of GIS 251, Seminar in GIS. A combination of GIS 251 and GIS 260 will substitute for GIS 1010, Introduction to GIS for Dual Enrollment students.

GIS 290 Directed Research Project Credits: 4

This capstone course will consolidate the student's learning experiences in geographic information systems technology. Students will develop and complete an original, comprehensive project that encompasses geographic and computer mapping fundamentals learned in previous courses. (Prerequisite: Permission of the instructor) Su
Not part of a TN Transfer Pathway.

Healthcare Doc Specialist

HCDS 1210 Technology Concepts in Healthcare Documentation Credits: 2

This coursework is designed to introduce the student to word processing applications and related technologies and to develop computer skills and proficiency. It is designed to study, synthesize, and apply technologies used in healthcare documentation. (2 lecture hours/week) Formerly HCDS 1110.
Not part of a TN Transfer Pathway.

**HCDS 1218 Technology Concepts in
Healthcare Documentation II Credits: 2**

A study of advanced Microsoft Word features designed to improve efficiency and accuracy of transcribed reports. Additional topics of study include electronic research techniques, electronic references and resources, troubleshooting, security issues, and related technologies. Practice with typing tutorial software to further increase speed and accuracy. (2 lecture hours/week) Formerly HCDS 2118. Not part of a TN Transfer Pathway.

HCDS 1302 Medical Terminology I Credits: 3

A study of medical terminology word elements including prefixes, suffixes and root words. Diagnostic, clinical, laboratory, pharmaceutical and surgical terms are also learned as they pertain to each body system. (3 lecture hours/week) Formerly HCDS 1102. Not part of a TN Transfer Pathway.

**HCDS 1303 Anatomy Concepts in Healthcare
Documentation Credits: 3**

This course provides an introduction to the organization of the human body as well as a study of the anatomical structures and basic physiology of body systems. (3 lecture hours/week). Formerly HCDS 1103. Not part of a TN Transfer Pathway.

**HCDS 1305 Healthcare Document Specialist
Procedures Credits: 3**

Emphasis is placed on healthcare documentation standards according to the AHDI Book of Style for Medical Transcription. A general overview of fundamental grammar concepts, capitalization, and punctuation usage relative to clinical documentation is provided. This course also includes an introduction to the content of the medical record, medicolegal issues, and regulatory agency requirements as they relate to the practice of medical transcription. (3 lecture hours/week) Formerly HCDS 1105. Not part of a TN Transfer Pathway.

HCDS 1312 Clinical Education Credits: 3

Transcription practice and speech recognition editing of authentic physician dictation provided by a medical facility or transcription service. (15 lecture hours/240 clinical hours/semester) Formerly HCDS 2112. Not part of a TN Transfer Pathway.

HCDS 1320 Medical Terminology II Credits: 3

A study of advanced anatomical terms, disease processes and associated pathology, laboratory, and radiology terminology. Common surgical terms, techniques, equipment, and instrumentation are also studied. (3 lecture hours/week) Formerly HCDS 2120. Not part of a TN Transfer Pathway.

**HCDS 1325 Pharmacology Concepts in
Healthcare Documentation Credits: 3**

A study of pharmacology including the correct spelling, pronunciation, classification and therapeutic use of commonly prescribed drugs, routes of administration, and general pharmacology terminology. (3 lecture hours/week) Formerly HCDS 2125. Not part of a TN Transfer Pathway.

**HCDS 1350 Special Topics Healthcare
Documentation Credits: 2
TO 5**

Special topics may include the transcription of authentic medical dictation at an intermediate and/or advanced level to satisfy the total number of minutes required for program completion. Other transcription-related topics may be included such as speech recognition editing, transcription of ESL physician dictation, RHDS exam review, etc., (Elective) 18 hours total/week. Formerly HCDS 2150. Not part of a TN Transfer Pathway.

**HCDS 1504 Healthcare Documentation
Specialist I Credits: 5**

Transcription practice of basic healthcare dictation incorporating skills in English language, technology, medical knowledge, proofreading, editing and research, while meeting progressively demanding accuracy standards. (18 laboratory hours/week) Formerly HCDS 1104. Not part of a TN Transfer Pathway.

HCDS 1511 Healthcare Doc Specialist II Credits: 5

Transcription of intermediate and advanced original healthcare dictation using advanced proofreading, editing, and research skills, while meeting progressively demanding accuracy and productivity standards. This course also provides an introduction to speech recognition editing. (18 laboratory hours/week) Formerly HCDS 2111. Not part of a TN Transfer Pathway.

HCDS 2125 Pharm Concept. Healthcare Doc Credits: 3

A study of pharmacology including the correct spelling, pronunciation, classification and therapeutic use of commonly prescribed drugs, routes of administration, and general pharmacology terminology. (3 lecture hours/week) Formerly MDT 125. Not part of a TN Transfer Pathway.

Health

HEA 131 Elementary Nutrition Credits: 2

Applying principles of nutrition in the selection of food for health promotion and maintenance. F, Sp Not part of a TN Transfer Pathway.

HEA 201 Principles of Nutrition Credits: 3

This course emphasizes the function, food sources, recommended intake, and assimilation of each of the six nutrient classes. F, Sp Course designed for transfer and part of the TN Transfer Pathways.

HEA 221 Safety, First Aid and CPR Credits: 3

This course will provide the knowledge and skills necessary to sustain life, reduce pain and minimize the consequences of illness or injury until medical help arrives. Upon satisfactory course completion, students will receive certificates for First Aid and Adult, Infant and Child CPR. F, Sp
Course designed for transfer and part of the TN Transfer Pathways.

HEA 224 Personal Trainer Certification Credits: 4

This is a preparation course designed as a study guide for successfully passing the National Council of Strength and Fitness (NCSF) national personal trainer certification tests. This course is based on the NCSF preparation course. F, Sp
Not part of a TN Transfer Pathway.

HEA 225 Care and Prevention of Athletic Injuries Credits: 3

The student will develop a knowledge of prevention, treatment, and basic rehabilitation of common athletic injuries as commonly seen at the interscholastic level of competition. In addition, the student will be exposed to negligence and liability issues in respect to athletic injuries. F, Sp
Course designed for transfer and part of the TN Transfer Pathways.

HEA 227 Introduction to Exercise Science Credits: 3

This course is designed to help students appreciate the importance of physical activity, to introduce the discipline of kinesiology and help students understand its relationship to physical activity, and to expand student knowledge of physical activity professions. F, Sp
Course designed for transfer and part of the TN Transfer Pathways.

HEA 241 School Health Credits: 2

This course for prospective teachers is designed to investigate current school health issues. This course will include health instruction, health services and healthful school environment. Sp
Not part of a TN Transfer Pathway.

History

HIST 1010 Survey of Western Civilization I Credits: 3

A general survey of the major political, social, economic, and cultural developments in Western Civilization from the Ancient World to 1715. Emphasis on the Greek World, the Roman Empire, feudal Europe, Renaissance, Reformation, constitutional monarchy in England in the 17th century and the triumph of absolute monarchy in France under Louis XIV. (HIST 1010 and HIST 1020 can be taken in any order. Pre- or corequisite: ENGL 1010.) F, Sp, Su
Roane State General Education course approved and designed for transfer. (TTP course)

HIST 1020 Survey of Western Civilization II Credits: 3

A general survey of the major political, social, economic, and cultural developments in Western Civilization from 1715 to the present. Emphasis on the Enlightenment, French Revolution and Napoleon, national unification of Germany and Italy, world wars of the 20th century, Russian Revolution, and post-1945 Europe. HIST 1010 and HIST 1020 can be taken in any order. (Pre- or corequisite: ENGL 1010) F, Sp, Su
Roane State General Education course approved and designed for transfer. (TTP course)

HIST 1210 Survey of World History I Credits: 3

The study of human history from prehistory to c. 1500 A.D., covering the beginnings of civilization c. 3000 B.C. and investigating the economic, social, political, and cultural institutions developed by humans prior to the beginning of European expansion. (HIST 1210 and HIST 1220 can be taken in any order. Pre- or corequisite: ENGL 1010) F
Roane State General Education course approved and designed for transfer. (TTP course)

HIST 1220 Survey of World History II Credits: 3

The study of human history from c. 1500 A.D. (shortly after Europeans began their expansion) to the present, and including the investigation of the economic, social, political, and cultural institutions developed by humans both in response to European expansion and independent of European influence. (HIST 1210 and HIST 1220 can be taken in any order. Pre- or corequisite: ENGL 1010) Sp
Roane State General Education course approved and designed for transfer. (TTP course)

HIST 2010 Survey of U.S. History I Credits: 3

An exploration and analysis of major themes and events in the political, cultural, social, economic, and intellectual history of the United States to 1877. (Pre- or corequisite: ENGL 1010) F, Sp, Su
Roane State General Education course approved and designed for transfer. (TTP Course)

HIST 2020 Survey of U.S. History II Credits: 3

An exploration and analysis of major themes and events in the political, cultural, social, economic and intellectual history of the United States since 1877. (Pre- or corequisite: ENGL 1010) F, Sp, Su
Roane State General Education course approved and designed for transfer. (TTP Course)

HIST 2030 Tennessee History Credits: 3

This course is a general survey and analysis of the history of the state of Tennessee from the beginning of statehood in 1796 to about 1990. There is also a pre-statehood component that examines Native American history in the region (with an emphasis on the Cherokees) and the history of exploration and early settlement. Accepted for history sequence requirement at UTK, UTC, and MTSU. (Pre- or corequisite: ENGL 1010) Course availability determined by dean.
Roane State General Education course approved and designed for transfer.

Health Information Technology

HIT 102 **Fundamentals of Health Information Management** Credits: 3

This course serves as an introduction to the health information management profession and the health care delivery systems. It is an orientation to the content of the health record in acute care, long-term care, ambulatory care, home health, hospice and psychiatric facilities. The course will also include instruction in numbering, filing, microfilm, accreditation and certification standards. Practice in the assembly and analysis of medical records and numbering and filing systems will occur. Open to all students. (3 lecture hours/week) F
Not part of a TN Transfer Pathway.

HIT 103 **Diagnostic Coding and Classification Systems I** Credits: 3

An introduction to coding and classification systems used in health care including Official Coding Guidelines, ICD-9-CM, and ICD-10-CM. Students will also be introduced to encoding software. Course focuses on coding diagnoses in case studies using ICD-9-CM and ICD-10-CM coding systems. (Prerequisite and/or Corequisite: BIOL 2010) (2 lecture hours, 3 laboratory hours/week)
Not part of a TN Transfer Pathway.

HIT 104 **Procedural Coding and Classification Systems II** Credits: 2

An introduction to coding and classification systems used in health care for coding of procedures. Content includes structure and conventions, root operations definition in ICD-10-PCS, and how to code procedures. Course focuses on how to code procedure using applicable ICD coding systems. (Prerequisite: HIT 103, BIOL 2010, Corequisite HIT 112, HIT 130) (1 lecture hours, 3 laboratory hours)
Not part of a TN Transfer Pathway

HIT 106 **Health Data Systems** Credits: 3

Introduction to health care data, indexes and registries. The calculation of rates and percentages used by health care facilities will be emphasized. Manual and automated techniques of maintaining data will be discussed along with data display techniques. (3 lecture hours/week)
Not part of a TN Transfer Pathway.

HIT 107 **Medical Terminology** Credits: 3

Greek and Latin elements of medical terminology, stems, suffixes, prefixes and root words. Medical terminology pertaining to each body system. Open to all students. (3 lecture hours/week) F, Sp
Not part of a TN Transfer Pathway.

HIT 112 **Coding Professional Practice Experience** Credits: 1

This course involves actual clinical coding experience with both scenarios and health records in the classroom and area health facilities. Focus of this professional practice experience is application of Official Coding Guidelines in the professional setting. (Prerequisites: HIT 102, HIT 103; Corequisite: HIT 104, HIT 130, BIOL 2020) (45 hours clinical/semester)
Not part of a TN Transfer Pathway.

HIT 113 **Legal Aspects of Health Information** Credits: 2

To provide the student a foundation in federal and state legislation regarding medical record release, retention, authorizations, and consents. The importance of confidentiality and professional ethics will be emphasized. The medical record in court and the medicolegal importance of accurate documentation will be presented. (2 lecture hours/week)
Not part of a TN Transfer Pathway.

HIT 117 **Principles of Medical Claims Billing and Processing** Credits: 3

An introduction to Medical Insurance and Claims Processing with an emphasis on Managed Care Contracts and various Health Care Payers. This course will introduce the student to the basic fundamentals of medical coding by focusing on ICD-9 and CPT coding systems. (3 lecture hours/week)
Not part of a TN Transfer Pathway.

HIT 130 **CPT Coding** Credits: 3

An introduction to the Current Procedural Terminology (CPT) coding system and outpatient coding guidelines. (Prerequisites: HIT 102, HIT 103; Corequisite: BIOL 2020) (3 lecture hours/week)
Not part of a TN Transfer Pathway.

HIT 140 **Medical Office Procedures** Credits: 2

An introduction to business aspects of a medical practice including third party payers, claims filing and processing, accounting and payroll functions. (Prerequisites: HIT 102, HIT 103) (2 lecture hours/week)
Not part of a TN Transfer Pathway.

HIT 207 **Advanced Medical Terminology** Credits: 3

This course will focus on advanced topics in medical terminology such as eponymic medical conditions and procedures, traumatic injury staging, and advanced body system based terminology and anatomy. The focus will be terminology required for advanced medical coding requirements. Course is open to all students. (3 hours lecture/week) (Prerequisite of HIT 107 and BIOL 2010.)
Not part of a TN Transfer Pathway.

- HIT 217 Principles of Healthcare Administration/Quality Resource Management** Credits: 3
- This course is an introduction to principles of management and supervision. It is specifically directed toward the health information manager. Personnel management, department budget preparation and maintenance, departmental policies, procedures and job descriptions will be discussed. Requirements of various governmental, third party payers, and accreditation bodies regarding appropriate utilization of resources and continuous quality improvement will also be emphasized. (3 lecture hours/week)
Not part of a TN Transfer Pathway.
- HIT 218 Advanced Coding and Classification Systems** Credits: 3
- This course focuses on advanced topics in diagnosis and procedural coding using ICD-10-CM and ICD-10-PCS. The course will concentrate on official coding guidelines, selection of appropriate ICD-10-CM diagnosis codes and selection ICD-10-PCS procedure codes. The course will include practice in coding using both case studies and actual health records and computerized coding and grouping software. Students must have, at minimum, an AAS degree in HIT, RHIT credential or CCS credential or permission of the instructor. (2 lecture hours, 3 laboratory hours/week)
Not part of a TN Transfer Pathway.
- HIT 221 Advanced Health Information Procedures** Credits: 3
- This course focuses on advanced topics in healthcare reimbursement. The course includes an introduction to third party payers, revenue cycle management and chargemaster development and administration. It also focuses on principles of healthcare reimbursement including health insurance plans, government-sponsored healthcare programs, managed care plans, fee schedules, resource based relative value system for physician payment and prospective payment for various healthcare settings. (3 lecture hours/week)
Not part of a TN Transfer Pathway.
- HIT 222 Pathology and Clinical Interpretations** Credits: 4
- An introduction to common disease processes, their clinical signs, symptoms, and manifestations. Diagnostic radiology and laboratory examinations, pharmacological and other treatment modalities employed in the treatment of disease will be emphasized. (Prerequisites: BIOL 2010) (4 lecture hours/week) F
Not part of a TN Transfer Pathway.
- HIT 231 Professional Practice Experience I** Credits: 3
- Actual practice in an area hospital. Topics covered include chart assembly and analysis, coding, abstracting, release of information, and medical transcription. (135 hours clinical experience/semester)
Not part of a TN Transfer Pathway.
- HIT 232 Professional Practice Experience II** Credits: 2
- Clinical experience in quality improvement, utilization management, hospital committee functions, and medical record supervision. Practice is also obtained in specialized facilities such as long term care, psychiatric, ambulatory care, veterinary medicine, and tumor registry. (Prerequisite: HIT 231) (90 hours clinical experience/semester)
Not part of a TN Transfer Pathway.
- HIT 242 Automated Health Information Systems** Credits: 3
- This course instructs students on health data structure, content and standards; information and communication technologies including uses of hardware, software, spreadsheets, databases, networks, electronic health records, personal health records, data storage and retrieval, data security; selection and implementation of healthcare information systems. The student will utilize several different software applications related to health records including spreadsheets, database applications, and electronic health record processing. (3 lecture hours hours/week)
Not part of a TN Transfer Pathway.
- HIT 251 Coding for Reimbursement** Credits: 4
- This course focuses on advanced topics in diagnosis and procedural coding including ICD-9-CM, ICD-10-CM, ICD-10-PCS and CPT/HCPCS. The course will concentrate on application of Official Coding Guidelines, development of diagnosis sequencing skills, and understanding of advanced coding principles including the clinical documentation improvement function. Determination of APCs and MS-DRGs will also be practiced using the computerized coding and grouping software. (Prerequisites: HIT 103, HIT 104, HIT 112, HIT 130; Corequisite: HIT 222) (3 lecture hours, 3 laboratory hours/week)
Not part of a TN Transfer Pathway.
- HIT 260 Seminar in Health Information Management** Credits: 2
- A capstone course of research and testing based on all domains and knowledge clusters of the curriculum to prepare the student for national certification. Students will also be involved in a service learning project. (2 lecture hours/week)
Not part of a TN Transfer Pathway.

Health Unit Coordinator

HUCR 1010 **Health Unit Coordinator Procedures** Credits: 3

A study of health unit coordinator personal and professional skills including the role of communicator and liaison between the patient, nursing staff, physicians, and ancillary departments. This course also provides a study of health unit coordinator responsibilities in an acute care facility medical unit including the processing of doctors' orders for scheduling diagnostic tests, procedures, treatment modalities, etc. for patients. 3 lecture hours/week

(Prerequisites: 1. Graduate of an Allied Health Sciences certificate program; or 2. Currently employed as a Health Unit Coordinator or related position (proof of employment is required); or 3. Graduate of a Tennessee Technology Center health-related program of study (transcripts must be provided); or 4. By permission of the program director.)

Not part of a TN Transfer Pathway.

HUCR 1020 **Health Unit Coordinator Clinical Practicum** Credits: 2

Students will participate in supervised health unit coordinator practice in a healthcare facility. (Prerequisites: 1. Graduate of an Allied Health Sciences certificate program; or 2. Currently employed as a Health Unit Coordinator or related position (proof of employment is required); or 3. Graduate of a Tennessee Technology Center health-related program of study (transcripts must be provided); or 4. By permission of the Healthcare Documentation Specialist program director.) 150 hours total/semester

Not part of a TN Transfer Pathway.

Humanities

HUM 261 **Humanities Seminar** Credits: 1 TO 3

This course is designed for those students who are interested in pursuing an in-depth study of some particular humanities problem. Course availability determined by dean.

Not part of a TN Transfer Pathway.

HUM 262 **Great Works - Introduction to Humanities** Credits: 3

The course is a survey of the art, architecture, literature, music and philosophy of various Eastern and Western civilizations from pre-history to the contemporary period. Course availability determined by dean.

Information Systems

INFS 1010 **Computer Applications** Credits: 3

Computer Applications is an examination of the development of computing technology and terminology. Topics include: identification of the functional components of a computer system; using word processing, spreadsheet, and presentation graphics; the proper handling of computer media; and an exploration of the uses of electronic mail and graphical internet. F, Sp, Su

Course designed for transfer and part of the TN Transfer Pathways.

International Studies

INTL 1010 **Introduction to Global Studies** Credits: 3

This is an interdisciplinary course that approaches global topics from the perspective of various disciplines while analyzing the impacts of globalization on peoples' values and lives. Students will increase their knowledge of global social and cultural institutions, political and economic processes at work in the world, and changes that science and technology are making and have made on the world we live in. The course is designed to enhance the students' appreciation of other cultures and their awareness of personal and ethical responsibilities as global citizens. F, Sp

Roane State General Education course approved and designed for transfer.

Legal Assistant/Paralegal

LEGL 1300 **Introduction to Paralegal Studies & Ethics** Credits: 3

An introduction to the work performed by paralegals, regulation of the profession, legal and paralegal ethics, structure of the court systems and survey of substantive areas of law. (Prerequisite: Completion of Reading Learning Support, if applicable.) F, Sp

Formerly LAW 101 Introduction to the Legal Profession and Legal Ethics

Not part of a TN Transfer Pathway.

LEGL 1305 **Survey of American Law** Credits: 3

Legislation, administrative process; government regulation of business, anti-trust, and consumer law; torts; contracts; investigations; domestic relations; wills, estates, trusts, real property. (Prerequisite: Completion of Reading Learning Support, if applicable.) F, Sp

Formerly LAW 102

Not part of a TN Transfer Pathway.

LEGL 1315 **Technology in the Law Office** Credits: 3

An introduction to computer hardware and software applications commonly used in the law office. (Prerequisite: Completion of Reading Learning Support, if applicable.) Sp

Formerly LAW 212 Law Office Technology

Not part of a TN Transfer Pathway.

MAM 130 Instrumentation and Quality Control for Mammography Credits: 3

A detailed study of mammography physics, equipment, and quality control tests. Topics include mammographic x-ray tubes, circuitry, generators, instrumentation, digital and film-screen imaging systems. (3 lecture hours/week).

Not part of a TN Transfer Pathway.

MAM 135 Clinical Education II Credits: 3

Students perform a variety of Mammography procedures under supervision of a registered technologist at assigned facilities (students must complete a minimum of 120 mammography exams following specific procedural requirements to qualify for ARRT certification examination). 24 clinic hours/week (Co-requisite: MAM 130)

Not part of a TN Transfer Pathway.

Massage Therapy

MAS 113 Massage Physiology and Pathology I Credits: 3

Students will learn basic anatomy and physiology of the major body systems. Within each body system this course will cover pathologies that massage therapists may commonly encounter. Emphasis will be on understanding the impact of massage techniques on normal physiology as well as on selected pathologies and medications. (3 lecture hours/week)

Not part of a TN Transfer Pathway.

MAS 114 Massage Physiology and Pathology II Credits: 3

Students will learn basic anatomy and physiology of the major body systems. Within each body system this course will cover pathologies that massage therapists may commonly encounter. Emphasis will be on understanding the impact of massage techniques on normal physiology as well as on selected pathologies. (3 lecture hours/week)

Not part of a TN Transfer Pathway.

MAS 117 TN Massage Law & Practice Ethics Credits: 3

This course will cover Tennessee law as it relates to massage therapy, understanding the rules of the Tennessee Board of Massage regulating the practice of massage therapy and scope of practice for massage therapists. The importance of a professional presence will be discussed. Students will begin to develop professional boundaries as well as confidence and compassion in addressing the emotional dimensions of massage therapy. Codes of ethics will be examined and applied to real life dilemmas in massage practice. (3 lecture hours/week)

Not part of a TN Transfer Pathway.

MAS 118 Massage Business, Professionalism & Communication Credits: 2

Designed for a student who plans to work as an employee, a self-employed independent contractor or an employer of other massage therapists, this course will cover basics of business record keeping, taxes, insurance, contracts, job applications, and legal business structures for business. Promotional materials and methods of practice building will also be emphasized. They will learn to write clear, concise and accurate clinical documentation. Students will describe the components of a therapeutic environment, the importance of professional communication, scheduling, time management, and managing stressors and burnout. (2 lecture hours/week)

Not part of a TN Transfer Pathway.

MAS 120 Swedish Massage Credits: 3

Students will be taught the techniques of Swedish Massage, which serves as the foundation in which all Western massage techniques were developed. Swedish Massage dates back to the early 19th century and is based on a scientific system of manipulating soft tissues. (1 lecture hour, 5 laboratory hours/week)

Not part of a TN Transfer Pathway.

MAS 121 Muscle Anatomy I Credits: 2

Students will learn musculoskeletal anatomy, kinesiology, palpation and assessment of the major muscles in the body. Coursework may include building the muscles in clay, finding the muscles and attachment sites in the student's own body and/or palpating them in other students. Assessment of muscle tone and beginning skills in manual release of specific muscle tension will be emphasized. (1 lecture hour, 3 laboratory hours/week)

Not part of a TN Transfer Pathway.

MAS 122 Muscle Anatomy II Credits: 2

Students will learn musculoskeletal anatomy, kinesiology, palpation and assessment of the major muscles in the body. Coursework may include building the muscles in clay, finding the muscles and attachment sites in the student's own body and/or palpating them in other students. Assessment of muscle tone and beginning skills in manual release of specific muscle tension will be emphasized. (1 lecture hour, 3 laboratory hours/week)

Not part of a TN Transfer Pathway.

MAS 123 Overview of Somatic Therapies Credits: 2

Licensure in the Massage Therapy field requires graduates to pass a national competency exam. This course takes students through an overview of materials covered in the previous nine months, provides an opportunity to explore exam study strategies, and will ensure that all required standard competencies are addressed. Students will be encouraged to search out and utilize additional exam preparation materials available on the Internet. (2 lecture hour, 1 laboratory hour/week)

Not part of a TN Transfer Pathway.

MAS 124 Student Massage Clinic Credits: 1

Under supervision students will provide twelve massages for persons not enrolled in the RSCC Massage Therapy Program. Documentation, time management and body mechanics will be emphasized, as well as client feedback to enhance effective massage and develop the student's personal style. This course is a transition to the MAS 152 Clinical Massage Practice externship experience. (45 hours total/semester) Not part of a TN Transfer Pathway.

MAS 130 Medical Massage Therapies Credits: 4

Medical Massage Therapies are designed to provide relief for patients suffering from acute and/or chronic myofascial (muscle-connective tissue) pain. Students will apply knowledge of neurological laws, ischemia, trigger points, nerve entrapment, and postural distortion to choose appropriate and effective techniques. Use of SOAP charts to document sessions is required. Main areas of concentration include head and neck, shoulder, carpal tunnel, and low back pain. (2 lecture hours, 6 laboratory hours/week) Not part of a TN Transfer Pathway.

MAS 135 Massage for Special Populations Credits: 2

Chronic pain, sport massage and adapting massage techniques are the main focus of this course. Other populations related to student interests and instructor expertise may be addressed, also. (2 lecture hours, 1 laboratory hours/week) Not part of a TN Transfer Pathway.

MAS 152 Clinical Massage Practice Credits: 2

Fieldwork externships are a valuable opportunity to work in professional massage settings under direct supervision. Students must document at least 60 hours of massage practice in four (4) different professional settings working on other massage professionals, business clients and/or medical patients. (60 clinical hours/semester) Summer only. Not part of a TN Transfer Pathway.

Mathematics

MATH 0530 Statistical Principles Credits: 3

MATH 0530 is a co-requisite course for MATH 1530, Probability and Statistics (non-calculus based), for students with Learning Support Mathematics requirements. This course is designed to support the content covered in MATH 1530 by addressing deficiencies in skills required for the topics in MATH 1530. (Co-requisite: MATH 1530 Enhanced sections. Reading learning support classes must be completed prior to enrollment in this course.) Not a part of a TN Transfer Pathway.

MATH 0891 Mathematics Learning Support I Credits: 3

For students who have placed into Mathematics Learning Support (MLS). This course is designed to provide students with real number sense, knowledge of operations on real numbers, knowledge of operations with algebraic expressions (including polynomials) and the ability to solve equations (emphasis on linear equations/inequalities). Mastery of MLS modules one, two and three is necessary to earn a passing grade in this course. This course does not fulfill the math requirement for graduation. Lecture/Lab combined. Not part of a TN Transfer Pathway.

MATH 0900 Algebraic Principles Credits: 3

Topics include operations with real numbers and algebraic expressions, analysis of graphs, linear functions, linear equations and inequalities, basic statistics and probability, and unit conversions. This class is intended for students with learning support needs in mathematics who wish to pursue algebra-intensive courses, such as MATH 1000 or MATH 1130. F, Sp, Su Not part of a TN Transfer Pathway.

MATH 0990 Geometry Credits: 3

A study of the most used theorems of two- and three-dimensional Euclidean Geometry. Topics include symmetry, congruence, similarity, right triangle relationships, and geometrical modes of thinking in problem solving. NOTE: This course is designed for students majoring in a transfer program who have not had high school geometry or another advanced high school mathematics course with geometry as a major component and will not fulfill the requirement for graduation. F, Sp Not part of a TN Transfer Pathway.

MATH 1000 Algebra Essentials Credits: 3

This course is designed to prepare students for algebra-intensive college level courses. It covers operations on polynomials, solving polynomial and rational equations and other topics necessary for success in MATH 1130 and other algebra-intensive college level courses. This course does not fulfill the math requirement for graduation. Not part of a TN Transfer Pathway.

MATH 1010 Survey of Mathematics Credits: 3

Covers topics that enhance the students' problem solving abilities, knowledge of the basic principles of probability/statistics, and guide them to master critical thinking/logic skills, geometric principals, personal finance skills and apply this knowledge to real-world problems. A TI-84 or comparable calculator is required. (Prerequisites: ACT Math >19, Compass Math >38 or completion of Math Learning Support requirements) F, Sp, Su Roane State General Education course approved and designed for transfer. (TTP course)

MATH 1030 Mathematics for the Health Sciences Credits: 3

This course is designed to prepare the allied health student to function in academic and clinical settings with mathematics competence. Topics of study include fractions, fractional equations and formulas, ratios and proportions, apothecaries and metric measurements, dosage calculations, logarithms, and statistics. (Prerequisite: Two years of high school algebra and one year of high school geometry or appropriate learning support mathematics courses) This course does not meet math requirement for AS/AA degree, nor does it carry transfer credit. F, Sp Not part of a TN Transfer Pathway.

MATH 1130 College Algebra Credits: 3

A course in algebraic functions, their properties and uses-equations, inequalities, graphs, systems of linear equations, analytical geometry including ellipse and hyperbola. Applications are in the mathematics of finance as well as the laws of growth and decay in other areas. (Prerequisites: Two years of high school algebra and one year of geometry with an ACT of 21 or above OR appropriate mathematics learning support courses and MATH 1000) F, Sp, Su Roane State General Education course approved and designed for transfer.

MATH 1200 Mathematics for Adventurers Credits: 3

Mathematics for Adventurers is a field exploration of applications of mathematics in nature and is appropriate for a wide variety of geographical settings in the United States. Topics will include orienteering, reading topographic maps, navigating by the stars, measuring elevations and depressions using a clinometer, investigating botanical expressions of the Fibonacci sequence, archaeological dating, analyzing wildlife populations through statistics, models of exponential growth and decay, and a survey of career options in math and the natural sciences. In addition, students will gain an appreciation for the literature, history, and culture of the geographic region. Su

MATH 1410 Number Concepts/Algebra Structures Credits: 3

This course includes symbolic logic, logical reasoning, history of early numeration systems, set theory with rules of operations and Venn diagrams, relations and functions, the systems of whole numbers, of integers, and of rational numbers. Any student would profit from this course, but it is especially targeted to the education major (elementary and non-math secondary). (Prerequisite: Two years of high school algebra and one year of geometry with an ACT of 19 or above OR appropriate learning support math courses.) F, Sp Roane State General Education course approved and designed for transfer.

MATH 1420 Problem Solving Geometry Credits: 3

A continuation of MATH 1410, this course includes elementary number theory, irrational number, basic algebra, interest (simple and compound), elements of plane and solid geometry (especially working with measurements and formulas), the metric system, and basic statistics. (Prerequisites: MATH 1410 or consent of instructor). Sp Not part of a TN Transfer Pathway.

MATH 1530 Probability and Statistics (Non-Calculus Based) Credits: 3

An introduction to probability and statistics without calculus. Topics covered include sampling, frequency distribution, elementary probability, hypotheses testing, linear regression and correlation, analysis of variance and non-parametric statistics. A TI-84 or comparable calculator is required. (Prerequisites: Two years of high school algebra and one year of geometry with an ACT of 19 or above OR appropriate learning support mathematics courses) F, Sp, Su Roane State General Education course approved and designed for transfer. (TTP course)

MATH 1630 Finite Mathematics Credits: 3

Brief review of algebra with emphasis on linear, quadratic, exponential, and logarithmic functions. Correlation, regression, matrix algebra, linear programming, mathematics of finance, and probability. Applications to business and finance. (Prerequisites: Two years of high school algebra and one year of geometry with an ACT of 23 or above OR appropriate learning support mathematics courses and MATH 1130). F, Sp Roane State General Education course approved and designed for transfer. (TTP course)

MATH 1720 Trigonometry Credits: 3

Analysis of functions of angles, solutions of right and general triangles, graphs of trigonometric functions, identities and formulas, equation-solving techniques, polar coordinates. A calculator with trig and log functions will be needed by the student. (Prerequisites: Two years high school algebra and one year of geometry, or appropriate learning support mathematics courses and MATH 1130) F Roane State General Education course approved and designed for transfer. (TTP course)

MATH 1730 PreCalculus Credits: 4

Designed primarily for students planning to enter the calculus sequence, but who need more mathematical background. Topics include functions and graphing-algebraic, trigonometric, exponential and logarithmic, equations, the binomial theorem, and conics. A calculator with trig and log functions will be needed by the student. (Prerequisites: Two years high school algebra, a year of geometry and a score of 23 or higher on the math component of the ACT, OR appropriate RSCC courses, e.g. learning support and MATH 1130. Regardless of high school background, an ACT of less than 26 on the math component indicates that the student would profit from taking MATH 1730 before calculus.) F, Sp Roane State General Education course approved and designed for transfer.

MATH 1830 Calculus for Business Credits: 3

A calculus course designed for students in the business or biological sciences. Differential and integral calculus of the algebraic, exponential and logarithmic functions with applications in business and economics. (Prerequisites: Two years of high school algebra and one year of geometry with an ACT of 24 or above or MATH 1130). F, Sp Roane State General Education course approved and designed for transfer. (TTP course)

MATH 1910 Calculus I Credits: 4

The standard course in single-variable calculus is designed for students of science, engineering, mathematics, and computer science. Topics included are rates of change, limits, continuity, differentiation of algebraic and transcendental functions, applications of the derivative, anti-differentiation, basic integration and the fundamental theorem of the calculus. (Prerequisites: Two years high school algebra, one year of geometry, and one year of advanced math (including trigonometry) plus satisfactory ACT scores of 26 (or equivalent SAT scores) or above on the math component, MATH 1730 OR MATH 1710 and 1720 from TN eCampus) F, Sp
Roane State General Education course approved and designed for transfer.

MATH 1920 Calculus II Credits: 4

A continuation of the standard year of freshman calculus, this course includes integration by substitution, by-parts, partial fractions and trigonometric substitutions for both algebraic and transcendental functions. Further applications of integration, such as area between curves, volumes of rotation, and surfaces of revolution are considered. Indeterminate forms, l'Hopital's Rule, and improper integrals are covered. Infinite series, including Taylor and MacClaurin with applications complete the semester. (Prerequisite: MATH 1910) Sp, Su
Course designed for transfer and part of the TN Transfer Pathways.

MATH 2000 Matrix Computations Credits: 1

Introduction to matrix calculations including determinants, eigenvalues and eigenvectors. This is a five week class. (Prerequisite: MATH 1910 or permission of instructor.) Sp
Not part of a TN Transfer Pathway.

MATH 2010 Matrix Algebra Credits: 3

A first course in the algebra of simultaneous linear equations and matrices. Includes Gaussian elimination, determinants, vector spaces, linear transformation, eigenvalues, eigenvectors change of basis, Gram-Schmidt orthonormalization process, and applications. (Prerequisite: MATH 1910 or permission of instructor) Sp
Course designed for transfer and part of the TN Transfer Pathways.

**MATH 2050 Probability and Statistics
(Calculus-Based) Credits: 3**

This calculus-based course is designed primarily for students of Business and Economics. It includes descriptive statistics, concepts of probability and probability distributions, binomial and normal distributions, linear correlation and regression, estimation and significance tests for means, ANOVA, contingency tables and quality control. A calculator and basic computer abilities are necessary. (Prerequisite: MATH 1830 or MATH 1910) Sp
Course designed for transfer and part of the TN Transfer Pathways.

MATH 2100 Discrete Mathematics Credits: 3

This course is designed for mathematics and computer science majors. It includes symbolic logic, sets, relations and functions. Boolean algebra, combinatorics, and the concept of proof in mathematics and elementary number theory. (Prerequisite: MATH 1910) Sp
Course designed for transfer and part of the TN Transfer Pathways.

MATH 2110 Calculus III Credits: 4

This course is a continuation of the first-year calculus sequence. Topics included are partial differentiation, multiple integrals, polar co-ordinate geometry and parametric equations, 3-D analytical geometry vectors and vector calculus. (Prerequisite: MATH 1920) F
Course designed for transfer and part of the TN Transfer Pathways.

MATH 2120 Differential Equations Credits: 3

A study of the solution of ordinary differential equations, first order equations, linear equations of any order, series solutions, applications, Laplace transforms, and Runge-Kutta methods. (Prerequisite: MATH 1920 and it is strongly recommended that students also take MATH 2110). Sp
Course designed for transfer and part of the TN Transfer Pathways.

Medical Scribe

MDSC 2010 Medical Scribe Procedures Credits: 4

This course provides simulated practice recording verbal communication encountered during patient-doctor interaction and the recording of clinical events as they unfold. It also includes a study of procedures related to the retrieval of diagnostic test results. Procedures used in scheduling diagnostic tests, follow-up appointments, etc., are discussed and practiced. An emphasis is placed on the study of professional and ethical behavior in a clinical healthcare setting. 3 lecture hours/2 lab week (Prerequisite: Completion of any Reading and English Learning Support requirements)
Not part of a TN Transfer Pathway.

Mechatronics

MECH 1050 Industrial Robotics Credits: 3

This course introduces the student to robotics and defines the uses in Industrial Manufacturing. Various topics cover robotic classifications, applications, work-cell layout, and software packages for programming various manufacturer's robots. Included is an overview of the I/O and sensor interfacing used with the robotic controller. Students gain operating and troubleshooting experience, plus experience in programming an industrial robot for applications assemblies, parts feeding, index table control, conveyor integration and fault detection systems. Not part of a TN Transfer Pathway.

MECH 1100 Electrical Components Credits: 3

This course is a study of the basic electrical components in a mechatronic system. Topics covered will include basic functions and physical properties of electrical components; the systematic flow of energy and measurement of components; troubleshooting techniques and strategies to identify, localize and correct malfunctions; and systematic preventive maintenance and electrical component safety. Technical documentation such as data sheets, schematics, timing diagrams and system specifications will also be covered. Formerly MECH 1030
Not part of a TN Transfer Pathway

MECH 1140 Computer Aided Design for Mechatronics Credits: 3

This course is a study of technical drafting techniques and computer aided design for engineering and manufacturing disciplines. Students will learn to create and read basic engineering-type drawings used for mechanical parts, area pnas, sheet-metal and mechatronics projects. Students will learn about orthographic and isometric projection, section views, dimensioning, and title blocks. AutoCAD will be the drawing software used for the class. AutoCAD topics covered will be basic commands, file maintenance, creation of 2-D drawings and plotting. Not part of a TN Transfer Pathway.

MECH 1150 Autonomous Robotics Credits: 3

This is a lab-based course that uses a hands-on approach to introduce the basic concepts of robotics, focusing on the construction and programming of autonomous mobile robots. Students will first learn the basic principles of mechanical construction, electronics, sensors, motors and robot programming. Students will work in groups to build and test increasingly more complex mobile robots, culminating in an end-of-semester robot project. (Prerequisites: Completion of any Learning Support requirements). Not part of a TN Transfer Pathway.

MECH 1160 Industrial Safety Credits: 3

This course includes the OSHA 30-hour General Industry Safety and Health content. Upon completion, attendees will receive a 30-hour course completion card. Students will also learn the requirements of general material handling and storage, as well as specifics in the storage, movement utilizing powered industrial trucks, combustibility issues of flammable materials, and handling and storage of non-compatible materials. Instruction in the conditions, operations and circumstances of fall protection systems and practices will be provided. Not part of a TN Transfer Pathway

MECH 1200 Mechanical Components and Electric Motors Credits: 3

This course is a study of the basic mechanical components and electrical drives in a mechatronics system. Topics covered will include basic functions and physical properties of mechanical components and electrical AC and DC drives; materials, lubrication requirements and surface properties; troubleshooting techniques and strategies to identify, localize and correct malfunctions; and systematic preventative maintenance and electrical component safety. Technical documentation such as data sheets and specifications of mechanical elements and electrical drives will also be covered. Formerly MECH 1010 Not part of a TN Transfer Pathway

MECH 1300 Electro-Pneumatics and Hydraulic Control Circuits Credits: 3

This course covers the basics of pneumatic, electro pneumatic and hydraulic control circuits in a complex mechatronic system. Students will learn the functions and properties of control elements based upon physical principles, and the roles they play within the system. Technical documentation such as data sheets, circuit diagrams, displacement step diagrams and function charts will also be covered. By understanding and performing measurements on the pneumatic and hydraulic control circuits, students will learn and apply troubleshooting strategies to identify, localize and correct malfunctions. Preventive maintenance of (electro) pneumatic and hydraulic components as well as safety issues within the system will be discussed. Formerly MECH 1120 Not part of a TN Transfer Pathway

MECH 1400 Computer Integrated Manufacturing (CIM) Credits: 3

This course teaches the basics of computer integrated manufacturing (CIM) technology, work cell manufacturing, and automated manufacturing processes. Students will learn the basics of process control and the integration of such to achieve machine movement and integration. Topics include manufacturing and material handling processes, assembly operations, work cells, elements of automation, and the combination of manufacturing elements. This course examines the benefits realized using CIM as applied to a production or assembly process. Students will use 3D computer software to learn how to analyze and solve problems in computer-controlled equipment and processes. Course availability determined by program director. Not part of a TN Transfer Pathway.

MECH 1500 Digital Fundamentals & PLCs Credits: 3

This course is a study of basic digital logic and programmable logic controllers (PLCs) in a mechatronics system using the automation system. Topics covered will include basic PLC functions and testing; identification of malfunctioning PLCs; and troubleshooting techniques and strategies to identify and localize PLC hardware generated problems. Emphasis is on writing small programs and problem-solving using computer simulations. Formerly MECH 1040 Not part of a TN Transfer Pathway

MECH 1600 Programming with LabVIEW Credits: 3

This course explores the LabVIEW environment, dataflow programming, and common LabVIEW development techniques in a hands-on format. In the first half of this course students will learn to develop data acquisition, instrument control, data-logging, and measurement analysis applications. Students will be able to create applications using the state machine design pattern to acquire, process, display, and store real-world data. In the second half, topics covered include programmatic control of user interfaces, techniques to optimize reuse of existing code, use of file I/O functions, and tools to create executables and installers. This course directly links LabVIEW functionality to application needs and provides a means for application development. Course availability determined by program director. Not part of a TN Transfer Pathway.

MECH 1900 Mechatronics Bridge Credits: 4

This course is a study of the fundamental concepts and skills acquired during the completion of the Mechatronics Certificate courses integrated with the skills of the TCAT Industrial Maintenance Certificate. Topics covered will be specific to the Mechatronics “systems approach” and will include, but are not limited to: A) Basic electrical components, B) Basic mechanical components and electrical drives, C) Basics of pneumatic, electro-pneumatic and hydraulic control logic, D) Basics of digital logic and programmable logic controllers (PLCs), E) Application of troubleshooting techniques and strategies to identify, localize, and correct malfunctions, F) Systematic approach to preventive maintenance and safety associated with all aspects of mechatronics systems, and G) Understanding and interpreting technical documentation such as data sheets, schematics, timing diagrams and system specifications.

MECH 1950 Internship in Mechatronics Credits: 1 TO 4

Students will engage in a project with an employer in an advanced manufacturing setting. As part of this project, students will be engaged in analysis and operation of mechatronic systems.
Not part of a TN Transfer Pathway

MECH 2100 Process Control Technologies Credits: 4

This course is a study of the Process Control technologies associated with a complex mechatronics system. Topics covered will include the Closed Loop Control; interaction between controllers, sensors and actuators; controller operating parameters; PID controllers; ON/OFF and PID controllers; and the differences between controllers typically used in mechatronic systems. The analysis of plant documentation and manuals, the creation and interpretation of charts with diagrams for time-based changes of measured values will also be covered.
Not part of a TN Transfer Pathway

MECH 2200 Totally Integrated Automation Credits: 4

This course is an introduction to Totally Integrated Automation. Topics covered will include the automation pyramid, analogue sensors and actuators, STEP 7 functions, MPI-Bus and PROFIBUS systems, and systems maintenance and troubleshooting.
Not part of a TN Transfer Pathway

MECH 2300 Automation Systems Credits: 4

This course is a study of the automation systems utilized within a mechatronics system. Topics covered will include Metal Cutting, Modal Analysis, CNC, CAD, CAM, programming and microcontrollers that are used in modern manufacturing technologies. (Prerequisite: MECH 1500 and college level math)
Not part of a TN Transfer Pathway

MECH 2400 Motor Control Credits: 4

This course covers the principles of AC and DC motors, motor control, and general machine operations in a complex mechatronic system. Students will learn the functions and properties of machine control elements and the roles they play within the system. Topics covered will include general machine operations and motor control techniques; mechanical components and electric drives; motor sensors, braking and loads; motor efficiency and power; preventive measures and troubleshooting techniques. Technical documentation such as data sheets, circuit diagrams, schematics, displacement step diagrams and function charts will also be covered. By understanding and performing measurements on motors and motor control circuits, students will learn and apply troubleshooting strategies to identify, localize and correct malfunctions. Safety issues within the system will also be discussed. (Prerequisite: MECH 1200 and college level math)
Not part of a TN Transfer Pathway

MECH 2500 Mechanical Components and Systems Credits: 4

This course is a study of the mechanical components that are included in a complex mechatronic system. Topics covered will include an overview of Statics and Kinetics with a focus on force system analysis, study of equilibrium, frames and machines, friction and the effects of forces on the motion of objects. Fundamentals and classification of machine elements to include calculations involving force, stress and wear analysis will also be covered. (Prerequisite: MECH 1200 and college level math)
Not part of a TN Transfer Pathway

MECH 2600 Manufacturing Process Credits: 4

This course is a study of manufacturing improvement processes in a mechatronics system using the automation system for real world application. Topics covered will include basic statistics for improvement, manufacturing teams, process waste, OEE, process capability, continual improvement, fish bone diagrams, kaizen activities, TPM, and basic time study methods. Emphasis is using a team project with final presentation to apply improvement methods in realworld application. (Prerequisite: MECH 2100, MECH 2200 and corequisite MECH 2400 AND 2500 and college level math)
Not part of a TN Transfer Pathway

MECH 2650 Internship in Manufacturing Processes Credits: 1 TO 4

This course is an internship and is designed to apply manufacturing improvement processes in a mechatronics system. Students will apply and report on a combination of basic statistics for improvement, manufacturing teams, process waste, OEE, process capability, continual improvement, fish bone diagrams, kaizen activities, TPM, and basic time study methods. If taken for 4 credit hours, this internship may replace MECH 2600. (Prerequisite: MECH 2100, MECH 2200 and corequisite MECH 2400 AND 2500 and college level math)
Not part of a TN Transfer Pathway

MECH 2700 Robotic Welding Credits: 4

This course is a basic robotic welding programming class. Students will be introduced to robotic welding systems as well as learn how to perform basic procedures on a robotic welding system. Student will learn how to create welding routines, program their own weld paths, and be able to store and retrieve programs and parameters. Students will learn to program a welding robot through a teach pendant and through simulation software, edit programs, set weld schedules, and become familiar with operator controls and indicators on the teach pendant and operator panel. This course also provides fundamental safety precautions while programming and operating the robotic equipment. Course availability determined by program director.
Not part of a TN Transfer Pathway.

Management**MGT 200 Foundations of Business Credits: 4**

Nature of business, including economic issues and systems. An overview of the functional areas of business including management, marketing, financial systems, computers, accounting, business law, and careers in business is presented. F
Not part of a TN Transfer Pathway.

MGT 201 Management Concepts Credits: 4

This course is an introduction to management with emphasis on the managerial functions, i.e., planning, organizing, staffing, directing and controlling. Also included is an exploration of leadership, motivation, communication, quality control and decision making from both an individual and a group standpoint. F
Not part of a TN Transfer Pathway.

MGT 203 Human Resource Management Credits: 4

The study of the various aspects of human resource management with special emphasis on the training of personnel for both private and public organizations. Included in the course is the exploration of selection and recruitment; placement; evaluation techniques; collective bargaining and union/management relations; and compensation management including incentives and benefit packages. F
Not part of a TN Transfer Pathway.

MGT 205 Marketing in the Global Economy Credits: 4

An overview and analysis of the activities performed by individuals, businesses, and nonprofit organizations that allow for the exchange of goods and services satisfying the needs of major markets. The course includes the study of controllable and uncontrollable market variables, marketing strategy and consumer behavior. Sp
Not part of a TN Transfer Pathway.

MGT 206 Applied Economics Credits: 4

This course covers the foundations of economics-supply and demand theory as well as features and goals of capitalism market systems, national income determinations, and monetary fiscal policy. Sp
Not part of a TN Transfer Pathway.

MGT 207 Managerial Accounting and Finance Credits: 4

This course focuses on the use of management accounting information and financial accounting information in various business settings. Additionally, the course will focus on accumulation and reporting accounting information. Sp
Not part of a TN Transfer Pathway.

MGT 208 Training and Development Credits: 4

Underscores the most recently developed training techniques with emphasis on needs assessment; teaching and learning skills; instructional systems design (ISD); and training delivery and evaluation. Management electives offered summer term only, on an alternating basis.
Not part of a TN Transfer Pathway.

MGT 209 Interpersonal Communication Credits: 4

An exploration and application of the basic concepts and principles of effective interpersonal and intergroup communication. Emphasis will be on the students' development of a personal action plan to improve their interpersonal communication skills. Management electives offered summer term only, on an alternating basis.
Not part of a TN Transfer Pathway.

MGT 210 Business and Its Legal Environment Credits: 4

The exploration of the laws and procedures affecting the legal environment of business including the nature and sources of law; courts and legal procedures; constitutional law; and the law of torts; in particular intellectual properties like copyrights and trademarks. Management electives offered summer term only, on an alternating basis.
Not part of a TN Transfer Pathway.

MGT 211 Introduction to Global Business Credits: 4

This course provides an introduction to global business and the evolving global economy. It focuses on the commercial, economic, financial and human/social aspects of globalization in the world today. The course examines what global business is and how it pervades most aspects of our lives. The course covers a wide range of perspectives on the pros and cons of globalization. In addition, the future impacts and trends related to globalization are explored. Management electives offered summer term only, on an alternating basis.
Not part of a TN Transfer Pathway.

MGT 215 Special Topics in Management I Credits: 1 TO 8

An in-depth analysis of a particular topic, concern or problem as it applies to management. May be used for prior learning assessment with prior approval from the student's academic advisor.
Not part of a TN Transfer Pathway.

MGT 221 Introduction to Green Leadership and Sustainability Credits: 4

Designed for the beginning student to understand the concepts of 'Green Leadership' and 'Sustainability,' this course will build the student's capacity to analyze, recommend, and implement sustainability programs within an organization. The course will further enable the student to initiate or continue quality improvements, develop eco-advantage, and enhance the triple-bottom-line of People, Planet, and Profit. The student will be able to perpetuate sustainable business practices which take from our Planet's limited resources no more than what can be replaced. The ultimate goal of sustainable business practices and Green leadership is to have a 'zero carbon footprint' which creates 'no-harm' to our environment.

Not part of a TN Transfer Pathway.

MGT 225 Resolving Conflict: Negotiating Successful Solutions Credits: 4

In this course the student will gain an understanding of the various types of conflict and the causes of those conflicts. The student will learn different methods of successfully resolving conflict in both interpersonal and group environments. Additionally the student will learn ways to improve negotiation skills and other means of Alternate Dispute Resolution (ADR) available to resolve conflicts and solve problems. Students may not receive credit for both MGT 225 and BUS 236. Management electives offered summer term only, on an alternating basis.

Not part of a TN Transfer Pathway.

Magnetic Resonance Imaging**MRI 111 Physics and Instrumentation Credits: 3**

This course covers the basic principles of physics and instrumentation in the field of magnetic resonance imaging (MRI). Topics include magnetization, magnet hardware, gradient and radio-frequency coil technology, image formation techniques, image characteristics, pulse sequences, sequence parameters, and image artifacts. The course also covers the concepts of safety and bio-effects. 3 lecture hours/week (Corequisite: Clinical Education I)

Not part of a TN Transfer Pathway.

MRI 113 Clinical Education I Credits: 3

Students perform a variety of Magnetic Resonance Imaging procedures under supervision of a registered technologist at assigned facilities (students must complete a minimum of 120 exams following specific procedural requirements to qualify for the ARRT Magnetic Resonance certification examination.) 24 hours/week (Co-requisite: MRI Physics and Instrumentation)

Not part of a TN Transfer Pathway.

MRI 115 Magnetic Resonance Imaging Patient Applications Credits: 3

This course covers the basic principles of patient management and imaging protocols for Magnetic Resonance Imaging. Topics include patient care, cross-sectional anatomy, imaging procedures, post-processing techniques, special procedures, and quality control. 3 lecture hours/week (Co-requisite: Clinical Education II)

Not part of a TN Transfer Pathway.

MRI 117 Clinical Education II Credits: 3

Students perform a variety of Magnetic Resonance Imaging procedures under supervision of a registered technologist at assigned facilities (students must complete a minimum of 120 exams following specific procedural requirements to qualify for the ARRT Magnetic Resonance certification examination.) 24 hours/week (Co-requisite: MRI 115)

Not part of a TN Transfer Pathway.

Military Science Army**MSAR 1010 Foundations of Officership Credits: 2**

Discusses organization and role of the Army. Emphasizes basic life skills pertaining to fitness and communication. Analyzes Army values and expected ethical behavior. Adventure training skills lab introduces land navigation, rifle marksmanship, mountaineering and optional field training exercises. Course availability determined by host institution.

Not part of a TN Transfer Pathway.

MSAR 1020 Basic Leadership Credits: 2

Develops basic skills that underline effective problem solving. Examines factors that influence leader and group effectiveness. Emphasis communication skills to include active listening and feedback techniques. Adventure training skills lab introduces land navigation, rifle marksmanship, mountaineering and optional field training exercises.

Course availability determined by host institution.

Not part of a TN Transfer Pathway.

MSAR 1030 Army ROTC Fitness Program Credits: 1

Develops individual muscular strength, muscular endurance and cardio-respiratory endurance. Classes are divided into groups based on ability and exercises are geared toward personal improvement. Primary evaluation is the Army Physical Fitness Test, which consists of pushups, situps and a two-mile run. May be repeated up to a maximum of 4 times. Course availability determined by host institution.

Not part of a TN Transfer Pathway.

MSAR 2000 Leaders' Training Course Credits: 4

A 28-day leadership of self, self-confidence, and individual leadership skills. Concentrates on problem solving and critical thinking skills. Emphasizes communication skills such as feedback and conflict resolution. Adventure training skills lab introduces land navigation, rifle marksmanship, mountaineering, and optional field training exercises.

Course availability determined by host institution.

Not part of a TN Transfer Pathway.

MSAR 2010 Individual Leadership Studies Credits: 3

Develops knowledge of self, self-confidence, individual leadership skills. Concentrates on problem solving and critical thinking skills. Emphasizes communication skills such as feedback and conflict resolution. Adventure training skills lab introduces land navigation, rifle marksmanship, mountaineering, and optional field training exercises. Course availability determined by host institution. Not part of a TN Transfer Pathway.

MSAR 2020 Leadership and Problem Solving Credits: 3

Focuses on self-development through understanding of self and group processes. Examines leadership through group projects and historical case studies. Adventure training skills lab introduces land navigation, rifle marksmanship, mountaineering, and optional field training exercises. (Prerequisite: MSAR 201 or consent of the professor of Military Science) Course availability determined by host institution. Not part of a TN Transfer Pathway.

Math-Science**MSC 1012 Introduction to Physical Science Credits: 4**

This is a survey course of the principles of physics and chemistry. Topics from the following areas will be covered: The nature of science, mechanics, energy momentum, sound and light, electricity and magnetism, atomic theory, chemical reactions, nuclear reactions, science and modern life. This course is designed primarily for students in the 2 + 2 education program. Each student is assessed a lab fee for this course. 3 hours lecture, 2 hours laboratory (Prerequisites: Completion of Reading and Math Learning Support requirements, if applicable). F, Sp, Su
Not part of a TN Transfer Pathway.

MSC 261 Southwest Field Trip Credits: 3

The Southwest Field Trip is a multidisciplinary study of the prehistoric and historic peoples and cultures of the 'Four Corner' area of the American southwest, including the ecology and geology of the region. Primary attention is given to the Ancestral Puebloans, ancient Native American peoples who lived throughout the Colorado Plateau. The focus of the class may include contributions or considerations from anthropology, archeology, astronomy, biology, geography, geology, history, literature, mathematics, and social sciences. Sp
Not part of a TN Transfer Pathway.

MSC 262 Southwest Field Trip Credits: 3

The Southwest Field Trip is a multidisciplinary study of the prehistoric and historic peoples and cultures of the 'Four Corner' area of the American southwest, including the ecology and geology of the region. Primary attention is given to the Ancestral Puebloans, ancient Native American peoples who lived throughout the Colorado Plateau. The focus of the class may include contributions or considerations from anthropology, archeology, astronomy, biology, geography, geology, history, literature, mathematics, and social sciences. Sp
Not part of a TN Transfer Pathway.

Music**MUS 010 Solo Class Credits: 0**

Performance opportunity for all students enrolled in Individual Instruction. Required of all students enrolled for two hours credit in Individual Instruction, and for Music and Music Education Option Students each semester. Solo class is also for students with a music scholarship. F, Sp
Not part of a TN Transfer Pathway.

MUS 020 Recital Credits: 0

Required of all Music and Music Education majors in their performance area with permission and recommendation of applied instructor. Should be registered for the last semester before graduation. F, Sp
Not part of a TN Transfer Pathway.

MUS 101 Voice Class I Credits: 1

Group instruction in basic vocal techniques, focusing on vocal styles of the 20th century. Class meets twice per week. F, Sp
Not part of a TN Transfer Pathway.

MUS 102 Voice Class II Credits: 1

Continuation of group instruction in voice, focusing on performance skills and stage presence. Class meets twice per week. F, Sp
Not part of a TN Transfer Pathway.

MUS 103 Class Piano I Credits: 1

Group instruction in basic keyboard technique for students with little or no prior training in piano, or for music majors preparing for a piano proficiency exam. F, Sp
Course designed for transfer and part of a TN Transfer Pathway.

MUS 1030 Music Appreciation Credits: 3

Open to all students who desire a better understanding of music. In this one-semester course, traditional art music will be explored through class lecture as well as weekly listening assignments. Available in lecture, video, and web format. F, Sp, Su
Roane State General Education course approved and designed for transfer.

MUS 104 Class Piano II Credits: 1

Group instruction in basic keyboard technique for students with little prior training in piano, or for music majors preparing for a piano proficiency examination. Electronic pianos will be used. Class meets twice weekly. Daily practice required. Should be taken in sequence. Course availability determined by program director.
Course designed for transfer and part of a TN Transfer Pathway.

MUS 192 Brass Credits: 1

This course is an individual instruction class and may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. Course availability determined by the program director.

Not part of a TN Transfer Pathway.

MUS 193 Woodwinds Credits: 1

This course is an individual instruction class and may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. Course availability determined by program director.

Not part of a TN Transfer Pathway.

MUS 194 Strings Credits: 1

This course is an individual instruction class and may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. Course availability determined by program director.

Not part of a TN Transfer Pathway.

MUS 195 Percussion Credits: 1

This course is an individual instruction class and may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. Course availability determined by Director of Music Program.

Not part of a TN Transfer Pathway.

MUS 200 Music Seminar Credits: 1 TO 3

This course is designed for those students who are interested in pursuing an in-depth study of some particular music area. Course availability determined by program director.

Not part of a TN Transfer Pathway.

MUS 210 Music Theory III Credits: 3

This course includes a study of tonicization, modulation, chromatic harmony, chord progressions, part writing, form and analysis leading to an understanding of harmony and melody in 19th century music. Must be taken in sequence. (Prerequisites: MUS 110, MUS 120) F Course designed for transfer and part of a TN Transfer Pathway.

MUS 213 Introduction to Digital Music Credits: 2

Introduction to the use of computer technology in music notation, recording and editing. Course investigates MIDI technology, sequencing and audio recording. While some musical knowledge is a plus, creativity will suffice. F, Sp

Not part of a TN Transfer Pathway.

MUS 214 Digital Music II Credits: 3

This course is a continuation of Intro to Digital Music. Students will continue to learn the use of computer technology in music notation, recording and edition. This course further investigates MIDI technology, sequencing and audio recording. (Prerequisite: MUS 213) F, Sp Not part of a TN Transfer Pathway.

MUS 215 Ear Training III Credits: 1

This course is a continuation of MUS 123, Ear Training II. Student continues to develop aural listening skills and proficiency in identifying intervals, compound intervals, modes and chords. Ability to vocalize and notate complex melodies, harmonies and rhythms. Should be taken concurrently with MUS 210. (Prerequisites: MUS 120; MUS 123) F Course designed for transfer and part of a TN Transfer Pathway.

MUS 220 Music Theory IV Credits: 2

Study of modulation, chromatic harmonies, 20th century harmonies, and other harmonic procedures since the common practice period. Must be taken in sequence. (Prerequisites: MUS 110, 120, 210) Sp Not part of a TN Transfer Pathway.

MUS 222 Ear Training IV Credits: 1

Content covers development of proficiency in identifying and notating complex, melodic, harmonic and rhythmic dictation. Must be taken in sequence. Should be taken concurrently with MUS 220. (Prerequisites: MUS 210; MUS 215) Sp Not part of a TN Transfer Pathway.

MUS 230 Introduction to Music Literature I Credits: 3

Study of music in Western civilization from antiquity through the Baroque era. Students learn through class lecture, listening assignments, concert attendance, and performance of representative literature. Offered for non-music majors who can read music; required for music majors. Course availability determined by program director. Not part of a TN Transfer Pathway.

MUS 231 Music History Survey Credits: 3

Study of music in western civilization from antiquity through 20th century. Students learn through class lecture, listening assignments, concert attendance, and performance of representative literature. Offered for non-music majors who can read music; required for music majors. Course availability determined by music program director. Not part of a TN Transfer Pathway.

MUS 240 Introduction to Music Literature II Credits: 3

A continuation of MUS 230, Introduction to Music Literature I, covering the Classic era through 20th century. Offered for non-music majors who can read music; required for music majors. (Offered only in alternate Spring semesters). Course availability determined by program director.

Not part of a TN Transfer Pathway.

MUS 250 Conducting Credits: 1

Study of choral conducting techniques; and management of church, school and community choral groups both vocally and organizationally. Offered for both music majors and non-music majors. Students should be able to read music. Course availability determined by program director.

Not part of a TN Transfer Pathway.

MUS 270 Guitar Credits: 2

This course is an individual instruction class for first year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp
Not part of a TN Transfer Pathway.

MUS 271 Guitar Credits: 2

This course is an individual instruction class for second year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp
Not part of a TN Transfer Pathway.

MUS 280 Piano Credits: 2

This course is an individual instruction class for first year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp
Not part of a TN Transfer Pathway.

MUS 281 Piano Credits: 2

This course is an individual instruction class for second year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp
Not part of a TN Transfer Pathway.

MUS 282 Organ Credits: 2

This course is an individual instruction class for first year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp
Not part of a TN Transfer Pathway.

MUS 283 Organ Credits: 2

This course is an individual instruction class for second year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp
Not part of a TN Transfer Pathway.

MUS 290 Voice Credits: 2

This course is an individual instruction class for first year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp
Not part of a TN Transfer Pathway.

MUS 291 Voice Credits: 2

This course is an individual instruction class for second year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp
Not part of a TN Transfer Pathway.

MUS 292 Brass Credits: 2

This course is an individual instruction class for second year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. Course availability determined by program director.
Not part of a TN Transfer Pathway.

MUS 293 Woodwinds Credits: 2

This course is an individual instruction class for second year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. Course availability determined by program director.
Not part of a TN Transfer Pathway.

MUS 294 Strings Credits: 2

This course is an individual instruction class for second year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. Course availability determined by program director.
Not part of a TN Transfer Pathway.

MUS 295 Percussion Credits: 2

This course is an individual instruction class for second year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. Course availability determined by program director.
Not part of a TN Transfer Pathway.

Nanotechnology

NANO 1110 Nanoscience Fundamentals I Credits: 4

This course is an introduction to nanoscience. It includes the history and significance of nanoscience and nanotechnology and an introduction of the knowledge, skills, and tools needed in the nanoscale world. This course teaches a sense of scale and the need for exponential notation. It also includes the importance of understanding molecular and atomic structure, the effects of surface area to volume ratio, and the predominant forces of the macroscale, microscale, and nanoscale world. These concepts are fundamental to learning how nanoscale interactions and phenomena differ from those in our common macroscale world. The course also includes specific study of the application of nanotechnology to biological areas such as the study of proteins, drug interactions, cell operation and ion channels and of sensing systems and newly developed diagnostic tools that are a result of understanding the biological system at the nanoscale. Finally, the course also includes the impact of nanoscience and nanotechnology on society and the environment and a technology maturity model for projecting the expected future impact. (Prerequisite/Corequisites: BIOL 1110 and MATH 1730) F
Not part of a TN Transfer Pathway.

NANO 1120 Nanoscience Fundamentals II Credits: 4

Focuses on the material science, chemistry and physics aspects of the nanoscale. The course begins with the discussion of elemental attributes and how environment can impact properties and performance of the starting material. Crystal structure and material properties are then discussed with an emphasis on differences in interactions and measurements at various scale realms. Using the current semiconductor fabrication process as a foundation, students are introduced to the concepts and limitations of photolithography and etching processes. New approaches toward electronic circuits are introduced as students gain an understanding of the current process and necessary operation concepts for today's electronic devices. Connection from electronic circuits to the outside world is also covered. Finally, the concepts of optics, photonics and lasers are discussed with an emphasis on new devices and applications based at nanoscale properties. (Prerequisite: NANO 1110, Corequisites: CHEM 1110 and PHYS 2010) Sp
Not part of a TN Transfer Pathway.

Non-Destructive Testing

NDTE 1010 Introduction to Non-Destructive Testing and QA/QC Credits: 4

This course provides students a synopsis of widely used and lesser used non-destructive evaluation methods. Students will be introduced to relevant quality assurance and quality control requirements in accordance with ASQ, ASME, and ANSI standards. F
Not part of TN Transfer Pathway.

Nursing

NSG 105 Foundations for Nursing Practice Credits: 10

Introduction to the nursing process as it is applied to individuals at various stages throughout the life cycle. Content areas will include the role of nursing in health care delivery; basic human needs; legal and ethical considerations; the nursing process; therapeutic communication; vital signs; physical assessment; promotion of comfort; safety; hazards of immobility; infection control; wound care; medication administration; elimination; oxygenation; perioperative care; sensory alterations; sleep; nutrition; stress; psychosocial, cultural, and family factors in health care; loss, death, and grief; and patient education. 6 hours theory, 6 hours clinical, 6 hours laboratory (Prerequisites: Admission to Nursing Program; corequisite: NSG 118; Pre or Co-requisite: BIOL 2020) F
Not part of a TN Transfer Pathway.

NSG 107 Care of the Childbearing Family Credits: 3

Students will continue to apply the nursing process to care of the childbearing family. Content areas include family planning; conception and fetal development; pregnancy; fetal assessment; labor and delivery, postpartum care; care of the newborn; maternal-infant nutrition; and care of the high-risk child-bearing family. 2.6 hours theory; 18 hours clinical/semester (Prerequisites: BIOL 2010, NSG 105, NSG 118; Corequisites: BIOL 2020, NSG 109) Sp
Not part of a TN Transfer Pathway.

NSG 108 Care of the Childbearing Family for LPN mobility Credits: 3

Includes all content in NSG 107. 2.6 hours theory; 18 hours clinical/semester. (Corequisites: BIOL 2020, NSG 126) Sp
Not part of a TN Transfer Pathway.

NSG 109 Adult and Child Health I Credits: 6

This course introduces the student to pediatric and adult medical-surgical concepts within the framework of the nursing process. Emphasis is placed on pathophysiologic disturbances and related nursing skills. Content includes fluids and electrolyte, orthopedic, and EENT disorders; oncologic, hematologic, integumentary and reproductive disorders; and communicable diseases. 3 hours theory, 6 hours clinical, 6 hours laboratory for 1/2 semester (Prerequisites or corequisites for LPNs: NSG 105 and NSG 118; Corequisites BIOL 2020 and NSG 107) Sp
Not part of a TN Transfer Pathway.

NSG 110 Adult and Child Health I for LPN mobility Credits: 6

Includes all content in NSG 109. (Prerequisites NSG 126, NSG 108) Sp
Not part of a TN Transfer Pathway.

NSG 118 Pharmacology in Nursing Credits: 3
 This course will introduce the student to drug standards and legislation pertaining to drug therapy; drug preparation; basic principles of drug action; application of the nursing process in drug therapy; pediatric and geriatric implications in drug therapy; distribution systems; drug orders; mathematic principles related to drug preparation and administration; routes of drug administration; drug classifications; basic mechanisms of action, therapeutic applications, and nursing implications. (Prerequisite: Admission into Nursing Program; corequisite: NSG 105) F
 Not part of a TN Transfer Pathway.

NSG 126 Pharmacology in Nursing LPN Credits: 3
 Includes all content in NSG 118. (Prerequisites: Admission to LPN mobility program, Pre or Corequisites BIOL 2020, NSG 107 or 108.) Sp
 Not part of a TN Transfer Pathway.

NSG 210 Adult and Child Health II Credits: 10
 A continuation of Adult and Child Health I. This course increases the pathophysiologic knowledge base in pediatric and adult medical-surgical health care within the framework of the nursing process. Content areas include the care of clients with cardiovascular, respiratory, renal, neurologic, endocrine, and gastrointestinal system dysfunctions. 6 hours theory, 12 hours clinical (Prerequisites: PSYC 2130, BIOL 2020, 2230, NSG 109) F
 Not part of a TN Transfer Pathway.

NSG 211 Adult and Child Health II for LPN mobility Credits: 10
 Includes all content in NSG 210. 6 hours theory, 12 hours clinical (Prerequisites: PSYC 2130, BIOL 2020, 2230, NSG 110) F
 Not part of a TN Transfer Pathway.

NSG 212 Psychosocial Nursing Credits: 4
 This course focuses on the psychosocial needs of individuals of differing age groups at varying points on the mental health continuum. Multiple theoretical models are presented as the scientific bases for the implementation of the nursing process. 3 hours theory, 45 hours clinical/semester (Prerequisites NSG 210, Corequisite: NSG 215) Sp
 Not part of a TN Transfer Pathway.

NSG 213 Psychosocial Nursing for LPN mobility Credits: 4
 Includes all content in NSG 212. 3 hours theory, 45 hours clinical/semester (Prerequisites NSG 211, Corequisite: NSG 217) Sp
 Not part of a TN Transfer Pathway.

NSG 215 Transitions to Nursing Practice Credits: 3
 A seminar course which focuses on exploration of nursing roles, organizational approaches to the delivery of nursing care, patient and organizational management, and contemporary issues in nursing and health care. Clinical experiences focus on refinement of advanced nursing skills and delegation. 1.4 class hours & 72 hours clinical/semester. (Prerequisite: NSG 210, Corequisite: NSG 212)
 Not part of a TN Transfer Pathway.

NSG 217 Transitions to Nursing Practice for LPN mobility Credits: 3
 Includes all content in NSG 215. 1.4 class hours, 72 hours clinical/semester (Prerequisite: NSG 211, Corequisite: NSG 213) Sp
 Not part of a TN Transfer Pathway

NSG 291 Transcultural Nursing: Study of Healthcare in an International Setting Credits: 2
 This course provides the student the opportunity to experience a direct relationship with healthcare providers and recipients from various cultural backgrounds in an international setting. The students will travel to a supervised site for theoretical concepts as well as clinical experiences. Students will focus on differences and similarities in health care related to cultural values, beliefs and practices. Students may register with the permission of the instructor.
 Not part of a TN Transfer Pathway.

Opticianry

OPT 101 Introduction to Opticianry Credits: 4
 A general overview of the field of Opticianry, intended to provide the student with a broad base for more advanced study. Included is the history of Opticianry, the visual sense, basic geometric optics, normal and abnormal vision, lens theory and design, frame design and principles of decentration, government regulations and licensure, as well as an introduction to the ophthalmic dispensing clinic. (3 lecture hours, 3 clinic hours / week)
 Not part of a TN Transfer Pathway.

OPT 110 Ophthalmic Dispensing I Credits: 4
 A continuation of Introduction to Opticianry to include frame fit and adjustment, prescription analysis, visual acuity, resolving prisms, influence of vertex distance on prescription, and introduction to presbyopia. (3 lecture hours, 3 clinic hours/week)
 Not part of a TN Transfer Pathway.

OPT 120 Ophthalmic Materials I Credits: 4
 This course is designed to introduce the student to the most commonly used ophthalmic devices, and the physical make-up of these devices. This includes single vision lenses, spectacle frames, and bifocal lenses, with special emphasis on how these devices are produced. Also included is an introduction to fabrication of lenses, developing a basis for layout, blocking, grinding, and verification procedures. (3 lecture hours, 3 lab hours/week)
 Not part of a TN Transfer Pathway.

OPT 123 Geometric Optics for Opticians Credits: 3

Surveys basic elements of geometric optics. Explores the basic theories of light, the electromagnetic spectrum, shadows and pinhole cameras, refraction at a plane surface, critical angle and internal reflection, lateral shift, apparent depth, prisms, mirrors, thin lenses and image formation. Emphasizes ray tracing and calculations. 3 lecture hours/week (Prerequisite: MATH 1130)

Not part of a TN Transfer Pathway.

OPT 130 Contact Lenses I Credits: 4

An introduction to the fitting of contact lenses, following the history of contact and the development of new contact lens materials. Advantages and disadvantages of these materials are outlined, as well as indications and contra-indications to contact lens wear. Emphasis is placed on the optical principles behind contact lens correction, and the introduction of basic skills with related instrumentation. (3 lecture hours, 3 laboratory hours/week)

Not part of a TN Transfer Pathway.

OPT 140 Practicum Credits: 1

Supervised fieldwork in a retail dispensary under a licensed optician, optometrist, or ophthalmologist. (120 total hours/semester)

Not part of a TN Transfer Pathway.

OPT 143 Anatomy and Physiology of the Eye Credits: 4

A detailed study of the structures and functions of the eye and its adnexa, as well as an overview of common ocular pathologies. (4 lecture hours/week)

Not part of a TN Transfer Pathway.

OPT 210 Ophthalmic Dispensing II Credits: 4

A continuation of Ophthalmic Dispensing I to include the optical properties of spectacle lenses and their relationship to the patient's refractive error, the spectacle management of presbyopia, the spectacle management of high power prescriptions and prescription analysis. (3 lecture hours, 3 clinic hours/week)

Not part of a TN Transfer Pathway.

OPT 220 Ophthalmic Materials II Credits: 4

A continuation of Ophthalmic Materials I, stressing: multifocal lenses - bifocals, trifocals, occupationals, blended and progressives. Increased hands-on experience with lens edging, including insertion, removal, and bench adjustment or spectacles. ANSI standards applied to all lab work. (3 lecture hours, 3 laboratory hours/week)

Not part of a TN Transfer Pathway.

OPT 230 Contact Lenses II Credits: 4

Continuation of Contact Lenses I with increased attention to lens selection and design. Fitting philosophies of hydrogel and gas permeable contact lenses are put into practice, and follow-up care is stressed. Insertion, removal, and diagnostic skills are increased. (3 lecture hours, 3 laboratory hours/week)

Not part of a TN Transfer Pathway.

OPT 260 Ophthalmic Dispensing III Credits: 4

A continuation of Ophthalmic Dispensing II to include advanced prescription analysis, clinical astigmatism, fashion spectacle dispensing, aniseikonia, low vision care, clinical types of hyperopia, ocular injuries and emergencies, visual field anomalies, orthoptics, prosthetic eyes, ophthalmic instrumentation, and theory of refraction. (3 lecture hours, 3 clinic hours/week)

Not part of a TN Transfer Pathway.

OPT 270 Ophthalmic Materials III Credits: 4

A continuation of Ophthalmic Materials II to include cataract eyewear, glass lens tempering, high minus lens designs/materials, and a variety of specialty lenses. Practice management including: ordering, inventory, duty to warn, equipment maintenance, semantics and salesmanship. Licensed professional responsibilities are presented, along with the latest trends (fashion, technological breakthroughs). Advanced spectacle fabrication in the lab, to include: semirimless mounts, various repairs, progressive lenses, bifocal projects, and prism RXs. (3 lecture hours, 3 laboratory hours/week)

Not part of a TN Transfer Pathway.

OPT 280 Contact Lenses III Credits: 4

Continuation of Contact Lenses II, dealing mainly with special fitting problems and special lens design. Practice management techniques are included, as well as continued use of all needed instrumentation. (3 lecture hours, 3 laboratory hours/week)

Not part of a TN Transfer Pathway.

Occupational Therapy Assistant

OTA 102 Introduction to Occupational Therapy Credits: 2

This course introduces the student to the profession of occupational therapy and the health care system. The holistic approach of occupation as a concept and an orientation to ethics is provided. Information is presented that relates to the role of the occupational therapy assistant and includes the purpose, philosophy, and history of the profession. (2 lecture hours/week)

Not part of a TN Transfer Pathway.

OTA 107 Therapeutic Activities Credits: 3

This course will provide a conceptual overview of activity analysis and practice skill in the therapeutic use of technology, manual arts, media, and activity (occupation). Planning, preparation, learning methods, and safety factors are emphasized. Therapeutic occupations will be approached using occupational therapy terminology from the Practice Framework Domain and Process. (2 lecture hours, 3 laboratory hours/week)

Not part of a TN Transfer Pathway.

OTA 110 Theory and Treatment of Psychosocial Dysfunction Credits: 5

This course will present descriptions of psychosocial dysfunction commonly treated in occupational therapy. Theories of occupational therapy treatment will be explored and students will practice a variety of techniques used in identifying and treating psychosocial disorders to promote rehabilitative change. Reading assignments, discussions, presentations, practice application of standardized assessments in lab, and structured learning activities will be utilized to prepare students to interact effectively and safely in psychosocial treatment situations. (4 lecture hours, 3 laboratory hours/week)
Not part of a TN Transfer Pathway.

OTA 115 Level I Psychosocial Fieldwork Credits: 2

This course will provide directed observation and participation in either a psychosocial or life-development community setting to develop occupational therapy principles, professional behaviors, and therapeutic skills. (15 lecture hours, 40 clinical fieldwork hours/semester)
Not part of a TN Transfer Pathway.

OTA 117 Neurological Theory and Treatment Credits: 5

Students will review basic neuroanatomy, neurophysiology and learn pathologies commonly seen in occupational therapy. Students will be introduced to concepts of rehabilitation and accepted treatment techniques through application of treatment principles in lab. Study of normal movement, abnormal movement, and the developmental sequence is included at the entry level of practice. (4 lecture hours, 3 laboratory hours/week)
Not part of a TN Transfer Pathway.

OTA 121 Level I Physical Disability Fieldwork Credits: 2

Students will experience directed observation and participation with occupational therapy in a physical disability setting to learn the clinical application of occupational therapy principles and practice. (15 lecture hours, 40 clinical fieldwork hours/semester)
Not part of a TN Transfer Pathway.

OTA 124 Human Movement for Occupation Credits: 3

This course presents a study of the kinetics of human motion. Emphasis will be placed on normal motion and movement patterns in the context of activity and Occupational Therapy. Procedures for range of motion, manual muscle testing and movement analysis will be reinforced. The course will also introduce biomechanical principles, postural considerations and functional characteristics of the musculoskeletal system. (2 hours lecture, 3 hours lab)
Not part of a TN Transfer Pathway.

OTA 210 Theory and Treatment of Physical Dysfunction Credits: 5

The student will learn about physical pathologies, conditions, and disabilities commonly seen in occupational therapy as well as current evidence-based treatment techniques and methods. Treatment applications and rationale will be explored in lecture and laboratory with simulated treatment practice. (4 lecture hours, 3 laboratory hours/week)
Not part of a TN Transfer Pathway.

OTA 212 Occupational Therapy Practice Management Credits: 2

Students will develop knowledge of responsibilities required to provide occupational therapy in a community or health care setting. Responsibilities include operations, supervisory requirements, quality assurance, and compliance with regulations. Planning and management of activity service programs are also included. Occupational therapy discussions will include current topics and issues in practice, promotion of the profession, and the changing role from student to practitioner. (2 lecture hours/week)
Not part of a TN Transfer Pathway.

OTA 216 Pediatric Theory and Treatment Credits: 5

Students will be introduced to commonly treated disorders in children and developmentally disabled individuals. Occupational therapy treatment techniques, rationale and application are presented. Laboratory experience will include entry level treatment skills and simulated treatment practice using purposeful activities (occupation). (4 lecture hours, 3 laboratory hours/week)
Not part of a TN Transfer Pathway.

OTA 221 Level II Fieldwork - Placement 1 Credits: 6

Students will participate in 8 week, full-time (or 320 hours) supervised clinical fieldwork experience in preparation for entry-level practice. Practice settings may include traditional and/or emerging practice areas (ACOTE standards, 2006). Students will integrate academic knowledge, including human growth/development, disease/disability, psychosocial factors, and client-centered, occupation-based treatment interventions in the provision of occupational therapy services across the lifespan. Outside assignments are required. 40 hours/week. (Prerequisites: all academic coursework must be completed prior to beginning Level II Fieldwork)
Not part of a TN Transfer Pathway.

OTA 226 Level II Fieldwork - Placement 2 Credits: 6

Students will participate in an 8 week, full-time (or 320 hours) supervised clinical fieldwork experience in preparation for entry-level practice. Practice settings may include traditional and/or emerging practice areas (ACOTE standards, 2006). Students will integrate academic knowledge, including human growth/development, disease/disability, psychosocial factors, and client-centered, occupation-based treatment interventions in the provision of occupational therapy services across the lifespan. Outside assignments are required. 40 hours/week (Prerequisites: all academic coursework must be completed prior to beginning Level II Fieldwork)
Not part of a TN Transfer Pathway.

Occupational Thera Assistant

OTAP 1110 OTA Program Orientation Credits: 1

This online course is designed to increase preparedness of newly admitted OTA students for program success. Topics include delivery technology, program overview and student resources. 1 lecture hour/week. Su
Not part of a TN Transfer Pathway.

OTAP 2110 Level I C (Fieldwork) Credits: 1

Students will apply academic knowledge of occupational therapy to practice through a Level I Fieldwork experience. 40 total clinical contact hours/semester. (Pre-requisites: successful completion of first year OTA coursework) F

Paramedic

PARA 2100 Paramedic I Credits: 12

Paramedic I is the first of three lecture and laboratory courses to prepare the student for the National Registry Paramedic examinations. Topics include paramedic roles and responsibilities, medical/legal considerations, general pathophysiology, general pharmacology, airway management, and cardiology. 11 lecture hours/ 4 laboratory hours/week (Prerequisite: Admission to the Paramedic Program; Co-requisite: PARA 2150)
Not part of a TN Transfer Pathway.

PARA 2150 Clinic I Credits: 2

This course provides the paramedic student with an opportunity to apply previously learned knowledge and skills in a supervised clinical setting. Rotations in this course include the emergency department, respiratory therapy, psychiatric observation, geriatric care, ambulatory care and critical care. 180 clinical hours/semester (Co-requisite: PARA 2100)
Not part of a TN Transfer Pathway.

PARA 2200 Paramedic II Credits: 12

Paramedic II is the second of three lecture and laboratory courses to prepare the student for the National Registry Paramedic examinations. Topics include pulmonology, neurology, endocrinology, gastroenterology, urology and nephrology, hematology, gynecology, obstetrics, neonatology, pediatrics, and trauma. 11 lecture hours/ 4 laboratory hours/week (Prerequisite: PARA 2100; Co-requisite: PARA 2250)
Not part of a TN Transfer Pathway.

PARA 2250 Clinic II Credits: 2

This course provides the paramedic student with an opportunity to apply previously learned knowledge and skills in a supervised clinical setting. Rotations in this course include surgery, pediatric emergency department, pediatric critical care, labor and delivery and ALS Ambulance Orientation. 180 clinical hours/semester (Prerequisite: PARA 2150; Co-requisite: PARA 2200)
Not part of a TN Transfer Pathway.

PARA 2300 Paramedic III Credits: 12

Paramedic III is the third of three lecture and laboratory courses to prepare the student for the National Registry Paramedic examinations. Topics include research methodologies, trauma, allergies and anaphylaxis, toxicology and substance abuse, environmental emergencies, psychiatric and behavioral disorders, clinical decision-making, and domestic violence. Upon successful completion of all Paramedic courses, the student will be eligible for State of Tennessee Paramedic licensure. 11 lecture hours/ 4 laboratory hours/week (Prerequisite: PARA 2200; Co-requisite: PARA 2350)
Not part of a TN Transfer Pathway.

PARA 2350 Clinic III Credits: 2

This course provides the paramedic student with an opportunity to apply previously learned knowledge and skills in a supervised team lead setting. Rotations in this course include approved ambulance services. 180 clinical hours/semester (Prerequisite: PARA 2250; Co-requisite: PARA 2300)
Not part of a TN Transfer Pathway.

Pharmacy

PHAR 1015 Basics of Pharmacy Practice Credits: 4

Introduction to pharmacy practice as it relates to pharmacy technicians; focus on pharmacy technician's role and relationship with pharmacists; written and oral communication skill to deal with patients and other health care professionals; automation, computer use, technology use in pharmacy practice; managed care medicine and health care organizations; inventory management, reading and interpreting and filling prescriptions and an introduction to narcotic schedules and laws and compounding. Utilization of prescription order entry software. Field trips to pharmacy practice. (Prerequisite: Acceptance into Pharmacy Technician Program) 2 hours lecture and 6 hours laboratory/week. F
Not part of a TN Transfer Pathway

PHAR 1020 Sciences for the Pharmacy Technician Credits: 3

Web based course providing a basic and broad overview of human anatomy and physiology in all body systems, exposure to disease processes and pharmacological treatment is also included. Additionally, chemistry and microbiology are introduced. (3 lecture hours/week) Online
Not part of a TN Transfer Pathway.

PHAR 1030 Pharmacy and Therapeutics I Credits: 2

Basic principles of pharmacology, including an introduction into dispensing methods of medication, drug classifications, mechanisms of action, proper dosing frequencies, adverse reactions, and drug interactions. Identify medications used in the different body systems for the treatment of various disease processes. (2 lecture hours/week)
Not part of a TN Transfer Pathway.

PHAR 1040 Pharmacy and Therapeutics II Credits: 2

Basic principles of pharmacology, including an introduction into dispensing methods of medication, drug classifications, mechanisms of action, proper dosing frequencies, adverse reactions, and drug interactions. Identify medications used in the different body systems for the treatment of various disease processes. (2 lecture hours/week)
Not part of a TN Transfer Pathway.

PHAR 1050 Pharmacy Calculations Credits: 4

This course is designed to prepare the pharmacy tech student to function in academic and clinical settings with mathematics competence. There will be a review of fractions, decimals and percentages. Pharmacy calculations will include an introduction to: calculations involving alligation, ratio, flow rates, dilutions, proportions and enlarging or reducing formulae, and dosage calculations. Also included are conversions between household, Apothecary and metric systems and how to interpret and calculate dosages from prescriptions and physician orders. (4 lecture hours/week)
Not part of a TN Transfer Pathway.

PHAR 1110 Pharmacy Law and Ethics Credits: 2

This course will discuss state and federal laws, which govern the practice of pharmacy and the distribution of drugs. Students will also be introduced to the Tennessee Pharmacy Act and the Rules and Regulations promulgated by the Tennessee Board of Pharmacy, health and safety regulations, effective communication with patients and co-workers, patient confidentiality, and other ethical aspects of the profession. (2 lecture hours/week)
Not part of a TN Transfer Pathway.

PHAR 1135 Sterile Products Credits: 3

Fundamentals of sterile product preparation, compounding techniques, blood glucose monitoring and an overview of chemotherapy preparation and quality control measures. Review of pharmacy calculations and advanced prescription interpretation. (Prerequisites: PHAR 1015, 1020, 1050, 1030) 2 lecture hours and 3 laboratory hours/week. Sp
Not part of a TN Transfer Pathway

PHAR 1230 Special Projects Credits: 3

Independent study of special areas in pharmacy which relate to current topics or research projects. No student may enroll in this course without the prior approval of the program director. (3 hours/week)
Not part of a TN Transfer Pathway.

PHAR 1240 Pharmacy Clinical Rotations Credits: 4

Provides student practical hands on experience in two contemporary settings, one of which is a dispensary setting. The student will work under the direct supervision of a licensed pharmacist. Enrollment is at the discretion of the program director. (Prerequisites: PHAR 1015, 1020, 1050, 1030) 200 contact hours/semester. Sp
Not part of a TN Transfer Pathway

PHAR 1300 Seminar in Pharmacy Practice Credits: 2

Preparatory course for successful completion of the PTCB exam. Course will include exams simulating the Pharmacy Technician Certification Board exam. (Prerequisite: Completion of PHAR 1015, 1020, 1050, 1030) 2 lecture hours/week. Sp
Not part of a TN Transfer Pathway

PHAR 1301 Advanced Pharmacy Practice Credits: 2

Course work designed to enhance the learning experience of the pharmacy practice clinical rotations. Included are real world case studies, reports on new medications, cover letter and resume preparation and application of learned material. (Prerequisite: PHAR 1015, 1020, 1050, 1030) 2 lecture hours/week. Sp
Not part of a TN Transfer Pathway

Physical Education

PHED 1080 Jujitsu I Credits: 1

This course will demonstrate the techniques and movements utilized in Jujitsu, an ancient form of self-defense that originated in Japan. The course will also explore Jujitsu's underlying philosophy and terminology. Optional addition: Jujitsu was designed to turn the force of an opponent's attack against him, throw an attacker off-balance, topple the opponent, and immobilize him after getting him on the ground. Course availability determined by dean.
Not part of a TN Transfer Pathway.

PHED 1090 Team Games & Conditioning Credits: 1

This course implements all the aspects needed to play various types of team sports, including, but not limited to conditioning, weight training, and fundamentals. Course may be repeated up to two times. Instructor Approval
Not part of a TN Transfer Pathway.

PHED 1100 Fitness Walking Credits: 1

Proper techniques for walking for fitness. Emphasis on health benefits of walking. F, Sp
Not part of a TN Transfer Pathway.

PHED 1110 Jujitsu II Credits: 1

This course expands on the material from Jujitsu I. This course will demonstrate the techniques and movements utilized in Jujitsu, an ancient form of self-defense that originated in Japan. The course will also explore Jujitsu's underlying philosophy and terminology. (Prerequisite: PHED 1080 - Jujitsu I)
Not part of a TN Transfer Pathway.

PHED 1120 Exercise and Weight Control Credits: 1

For those interested in losing body fat and improving physical fitness. Course availability determined by dean.
Not part of a TN Transfer Pathway.

- PHED 1140 Fitness Running** Credits: 1
Fitness Running is endurance conditioning of the heart, lungs, blood vessels, and working muscles. The emphasis is on running. Students will learn basic fitness testing and instruction on running equipment, running form, and warm up/cool down. This course will prepare a student to run a 5 K.
Not part of a TN Transfer Pathway.
- PHED 1160 Marathon/ Distance Training** Credits: 1
An advanced running course in which principles of long distance/ marathon running are discussed and applied to provide a foundation for high level aerobic fitness. Knowledge in the areas of bio-mechanics, nutrition, training principles and programs, physiology, and running performance will be developed in lecture/discussion format. Running, both tempo and endurance, will be featured throughout the course. (Prerequisite: PHED 1140 or permission from the instructor)
Not part of a TN Transfer Pathway.
- PHED 1170 Basketball** Credits: 1
Practice of fundamentals as well as the various types of play. Course availability determined by dean.
Not part of a TN Transfer Pathway.
- PHED 1180 Bowling** Credits: 1
Proper selection of equipment, correct method of approach and release of the bowling ball, and scoring. A fee will be charged for facility and equipment rental. F, Sp
Not part of a TN Transfer Pathway.
- PHED 1190 Varsity Sports I** Credits: 1
This course is for first year varsity athletes and implements all the aspects needed to play their particular sport. These aspects include conditioning, weight training, fundamentals, and competitive play. Instructor Approval
Not part of a TN Transfer Pathway
- PHED 1210 Golf** Credits: 1
Acquaintance of the beginning player with correct swing, selection and use of the various clubs, and fundamentals. Course availability determined by dean.
Not part of a TN Transfer Pathway.
- PHED 1220 Flag Football** Credits: 1
Instruction and practice in exercises, rules, strategies and skill development designed to promote fitness while engaging friendly competition.
Not part of a TN Transfer Pathway.
- PHED 1230 Soccer** Credits: 1
Soccer is an introductory level course designed to help the student develop and maintain an understanding of the fundamental skills and rules for participation in the sport.
Not part of a TN Transfer Pathway.
- PHED 1300 Beginning Weight Training** Credits: 1
An introduction to the proper techniques and practices of weight training. F, Sp
Not part of a TN Transfer Pathway.
- PHED 1340 Tennis** Credits: 1
Instruction and practice in the development of basic strokes, rules, and terminology, with emphasis on learning to play singles and doubles. Course availability determined by dean.
Not part of a TN Transfer Pathway.
- PHED 1350 Volleyball** Credits: 1
Fundamentals, rules, and strategy of play. Course availability determined by dean.
Not part of a TN Transfer Pathway.
- PHED 1380 Fitness for Living I** Credits: 1
An individual total fitness program which encompasses these health related components for physical activity: cardiorespiratory endurance, muscular endurance, muscular strength, flexibility and body composition. There will be an additional emphasis on the development of a healthy, well-balanced nutrition plan. F, Sp, Su
Not part of a TN Transfer Pathway.
- PHED 1390 Fitness for Living II** Credits: 1
A continuation of PHED 1380 (Prerequisite: PHED 1380) F, Sp, Su
Not part of a TN Transfer Pathway.
- PHED 1400 Fitness for Living III** Credits: 1
An individual fitness program which encompasses these health related components for physical activity: cardio respiratory endurance, muscular endurance, muscular strength, flexibility and body composition. There will be additional emphasis on the development of programs focusing on healthy backs and becoming a smart health consumer. (Prerequisite: PHED 1390) F, Sp, Su
Not part of a TN Transfer Pathway.
- PHED 1410 Fitness for Living IV** Credits: 1
An individual fitness program which encompasses cardio respiratory endurance, muscular endurance, muscular strength, flexibility and body composition. (Prerequisite: PHED 1400) F, Sp, Su
Not part of a TN Transfer Pathway.
- PHED 1420 Personal Fitness** Credits: 1
To develop a total fitness program which encompasses cardio respiratory endurance, muscular endurance, muscular strength, and flexibility while participating in an exercise plan tailored to their individual needs by utilizing the equipment and facilities at National Fitness Center in Oak Ridge. (An additional course fee is required for this class) F, Sp
Not part of a TN Transfer Pathway.

PHED 1430 Fundamentals of Rappelling and Rock Climbing Credits: 1

This course is designed to introduce students to the basics of rappelling and rock climbing. Primary topics covered will be: (a) climbing gear and equipment, (b) climbing techniques, (c) anchor building, (d) direct, indirect and redirect belaying techniques, (e) releasable rappels, (f) reading terrain, and (g) site management.

Secondary, emphasis will be placed on the following topics: (a) history of climbing, (b) leadership in climbing environments, (c) basic rock/guiding principles and (d) natural history of climbing environments. In addition, a large portion of the class will focus on risk identification, participant screening, and activity administration.

Not part of a TN Transfer Pathway.

PHED 1450 Beginning Scuba Credits: 1

This course instructs the novice in the skills of SCUBA diving. Emphasis is placed on safety and a pattern of survival in all phases of underwater instruction. Some time will be spent in classroom theory and lecture. A greater part will be spent in pool/lab work and open water dive trips. Field trips are required for certification. Upon successful completion of the course, the student will become a certified SCUBA diver, receiving an Open Water Diver certification from PADI (Professional Association of Diving Instructors) (An additional fee is required for this class) F, Sp, Su

Not part of a TN Transfer Pathway.

PHED 1510 Introduction to Fly Fishing Credits: 1

This course introduces students to the art and science of fly fishing. Fly fishing is both a meditative and a scientific pursuit. The purpose of this course is to help students develop the skills, tactics and procedures needed for successful fly fishing for trout and warm water fish species. Instruction will include basic fly tying, fly casting, aquatic ecology, fly fishing tactics, angling ethics and cold water conservation. Students will participate in casting, tying knots, lectures, presentations and field trips to a local river.

PHED 1550 Advanced Scuba Credits: 1

Advanced Scuba will provide students with diving exploration, excitement, and experience. Advanced Scuba (PADI Advanced Open Water Diver Course) is focused on these three diving foundations. This course is designed so students can go straight into it after the PADI Open Water Diver Course. Advanced Scuba (PAID Advanced Open Water Diver course) helps students increase their confidence and build additional scuba skills so students can become more comfortable in the water. Advanced Scuba is a great way to get more dives logged while continuing to learn under the supervision of a PADI Dive instructor. Upon satisfactory completion in the class, the student will receive a PADI Advanced Open Water certification card. Advanced Scuba (PADI Advanced Open Water Diver Course) is focused on just diving. The class will introduce students to (and build their skills in) underwater navigation (Learn how NOT to get lost), deeper water diving (typically anywhere between 60-80 feet), (Learn the effects of depth and understanding your limits), fish Identification, and Peak Performance Buoyancy (Learn how to stay off the coral!!!).

Not part of a TN Transfer Pathway.

PHED 1560 Skiing Credits: 1

Instruction and practice for the development of skiing skills. Class will be held at Ober-Gatlinburg on four sessions. A fee for facility use, ski rental, lift tickets, and insurance will be charged for this activity. Course availability determined by dean.

Not part of a TN Transfer Pathway.

PHED 1750 Concepts of Wellness Credits: 2

A course that emphasizes a six-dimensional model of wellness (physical, emotional, occupation, social, spiritual, and intellectual).

This course will stress the importance of creating a balance of these dimensions that make up our daily lives. This course will fulfill requirements of one physical education activity course. F, Sp

Not part of a TN Transfer Pathway.

PHED 1800 Cross Training for Fitness Credits: 1

This course introduces basic cross-training techniques designed to improve both cardiovascular fitness and muscular strength and endurance. F, Sp

Course designed for transfer and part of the TN Transfer Pathways.

PHED 2030 Intermediate Weight Training Credits: 1

An introduction of more advanced weight training terminology, concepts, and instruction in developing a weight training program.

Not part of a TN Transfer Pathway.

PHED 2040 Advanced Weight Training Credits: 1

Instruction and practice in developing and utilizing a weight training program that incorporates periodization.

Not part of a TN Transfer Pathway.

PHED 2050 Recreational Hiking Credits: 1

Instruction and experience in hiking for exercise and recreational enjoyment: Fundamentals of hiking, safety concerns, preparation and planning, and use of trail maps. Student will certify that they are in good health and have no medical restrictions for hiking. Course availability determined by dean.

Not part of a TN Transfer Pathway.

PHED 2060 Snowboarding Credits: 1

Instruction and practice for the development of basic skills. Course orientation sessions will include clothing and equipment, exercise and preparation, trail maps, etiquette, and safety. Ski/Snowboarding activities will be at resorts to be arranged for each semester. Fees required for ski rental, group lessons, lift tickets, and insurance; additional fees for travel, meals, and lodging for Colorado excursions.

Not part of a TN Transfer Pathway.

PHED 2070 Jujitsu III Credits: 1

This course expands on the material from Jujitsu I and II. This course will demonstrate the techniques and movements utilized in Jujitsu, an ancient form of self-defense that originated in Japan. The course will also explore Jujitsu's underlying philosophy and terminology.

Not part of a TN Transfer Pathway.

PHED 2080 Jujitsu IV Credits: 1

This course expands on the material from Jujitsu I, II, and III. This course will demonstrate the techniques and movements utilized in Jujitsu, an ancient form of self-defense that originated in Japan. The course will also explore Jujitsu's underlying philosophy and terminology.

Not part of a TN Transfer Pathway.

PHED 2090 Varsity Sports II Credits: 1

This course is for varsity athletes whom have completed one season of varsity competition and implements all the aspects needed to play their particular sport. These aspects include conditioning, weight training, fundamentals, and competitive play. (Prerequisite: Instructor approval.)

Not part of a TN Transfer Pathway

PHED 2100 Teaching of Team & Individual Sports Credits: 3

The purpose of this course is to provide learning experiences that will lead to the development of basic skills in team sports and will provide relevant information for the pre-service teacher, including teaching cues, lesson planning, skill progression, fair play and more as it relates to teaching games and sports.

PHED 2310 Wilderness Camping Credits: 3

A course designed to inform the novice through the experienced outdoors-person on the latest equipment, techniques, and clothing for safe hiking and camping. Students may apply this course toward one of the required physical education activity courses. Course availability determined by dean.

Not part of a TN Transfer Pathway.

PHED 2510 Swimming Credits: 1

Training for beginners in swimming, emphasizing recreational swimming. A special fee will be charged for this course based on facility rental charges. Course availability determined by dean.

Not part of a TN Transfer Pathway.

PHED 2550 Rowing Credits: 1

Fundamentals of rowing, including proper technique, safety, physical fitness, terminology, and recreational aspects of rowing. Course availability determined by dean.

Not part of a TN Transfer Pathway.

Philosophy

PHIL 1030 Introduction to Philosophy Credits: 3

This is a general introductory course designed to familiarize the student with the basics of philosophical inquiry. In this course we will discuss the 'big' questions of life while looking at some of the answers the great philosophers of the Western tradition have devised. Prerequisites: No prerequisites except the ability to read and write at a college level; and to enjoy a sense of curiosity about life. Students who are unfamiliar with the internet and/or computers will want to spend some time before class starts getting to know the basics. (Pre- or Corequisite: ENGL 1010) F, Sp

Roane State General Education course approved and designed for transfer.

PHIL 111 Elementary Logic Credits: 3

Study of the principles of reasoning, deductive and inductive fundamentals, and the use of logic as a practical tool for critical thinking. (Pre- or Corequisite: ENGL 1010) Course availability determined by dean.

Not part of a TN Transfer Pathway.

PHIL 121 Elementary Ethics Credits: 3

Critical analysis of the principal ethical theories and their application to the problem of life. (Pre- or Corequisite: ENGL 1010) F

Roane State General Education course approved and designed for transfer.

PHIL 130 Philosophy Seminar Credits: 1 TO 3

Designed to give students an in-depth study of a particular topic in contemporary branches of philosophy. (Pre- or Corequisite: ENGL 1010) Course availability determined by dean.

Not part of a TN Transfer Pathway.

PHIL 201 Introduction to Religions of the World Credits: 3

Introduction to the study of religion through selected historical traditions, East and West. (Pre- or Corequisite: ENGL 1010) Course availability determined by dean.

Roane State General Education course approved and designed for transfer.

PHIL 231 Medical Ethics Credits: 3

Deals with ethical issues in allied health fields such as abortion, euthanasia, patient-professional relationships, allocation of medical resources, genetic engineering, and related topics. (Pre- or Corequisite: ENGL 1010) Course availability determined by dean.

Not part of a TN Transfer Pathway.

PHIL 2640 Science and the Modern World Credits: 3

A philosophical examination of central ideas of modern science and technology.

Physics

PHYS 1020 Introduction to Physics Credits: 4

Emphasis is placed on understanding the nature of physics and applying basic physics concepts in one's everyday life experience and work.

Topics covered include mechanical motion, energy, temperature and heat, fluids, electricity, magnetism, and wave motion. This course is NOT for science or engineering majors. (Availability determined by dean.)

Not part of a TN Transfer Pathway.

PHYS 2010 Non-Calculus Based Physics I Credits: 4

Covers mechanics, wave motion, and heat. (Prerequisite: MATH 1130 and MATH 1720 OR MATH 1730 or equivalent) Must be taken in sequence. Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) F

Roane State General Education course approved and designed for transfer. (TTP course)

PHYS 2020 Non-Calculus Based Physics II Credits: 4

Covers electricity and magnetism, optics, and modern physics. (Prerequisite: PHYS 2010) Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) Sp

Roane State General Education course approved and designed for transfer. (TTP course)

PHYS 2110 Calculus-Based Physics I Credits: 4

Covers mechanics, wave motion, and heat (Prerequisite: MATH 1910) Must be taken in sequence. Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) F

Roane State General Education course approved and designed for transfer. (TTP course)

PHYS 2120 Calculus-Based Physics II Credits: 4

Covers electricity and magnetism, optics, and modern physics. (Prerequisite: PHYS 2110) Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) Sp

Roane State General Education course approved and designed for transfer. (TTP course)

Political Science

POLS 1025 Introduction to Political Science Credits: 3

An introduction to the analysis of politics and of political systems and political ideologies in various countries. Sp

Roane State General Education course approved and designed for transfer.

POLS 1030 American Government Credits: 3

An introduction to the fundamental institutions and processes of American national politics including the constitution, civil liberties, political parties, voting, the presidency, congress, and the courts. F, Sp
Roane State General Education course approved and designed for transfer. (TTP course)

POLS 2010 State and Local Government Credits: 3

The course will study state and local government in Tennessee with a general survey of state and local government in the United States. The course will look at the Tennessee Constitution, the three branches and administrative agencies of state government. The course will also examine the organization and powers of municipalities and counties in Tennessee.

Not part of a TN Transfer Pathway.

POLS 2140 Tennessee Intercollegiate State Legislature (TISL) Credits: 1

An introduction to the institutions and processes of the Tennessee General Assembly and/or the Tennessee judicial system through a mock state legislature and/or court. Students prepare for and participate in the annual Tennessee Intercollegiate State Legislature (TISL). TISL usually takes place from Thursday-Sunday in mid-November. May be repeated for up to 2 hours of credit. Registration must be approved by instructor. F

Not part of a TN Transfer Pathway

Polysomnography

PSG 101 Polysomnography I Credits: 4

This course covers the International 10-20 system, application of sensors used in polysomnograms, calibrations and functioning of polysomnographic equipment, electrical safety, artifact elimination, and procedures used in performing sleep studies. (3 lecture hours, 3 laboratory hours/week)

Not part of a TN Transfer Pathway.

PSG 104 Sleep Disorders Diagnosis and Treatments Credits: 4

This course covers sleep history; symptoms, diagnosis and treatment of sleep disorders; neuroanatomy, neurophysiology and respiratory anatomy and functioning during sleep; and medical guidelines for polysomnography. (4 lecture hours/week)

Not part of a TN Transfer Pathway.

PSG 107 Polysomnographic EKG Interpretation Credits: 3

This course covers identification of cardiac dysrhythmias, anatomy of the heart and abnormal heart rhythms seen during polysomnography. (3 lecture hours/week)

Not part of a TN Transfer Pathway.

PSG 111 Polysomnography II Credits: 4
 This course covers troubleshooting equipment malfunctions, CPAP, Bi-Level, and Auto-titrating therapy titrations, conducting the all night polysomnogram, MSLTs, MWTs, GER studies and NPT studies. Ancillary equipment and maintenance of polysomnographic equipment. (3 lecture hours, 3 laboratory hours/week)
 Not part of a TN Transfer Pathway.

PSG 116 Polysomnographic Interpretations Credits: 3
 This course covers all aspects of polysomnogram interpretation and report calculations. It will include sleep staging, interpretation of normal and abnormal EEG, respiration, body movements and cardiac rhythms. (2 lecture hours, 3 laboratory hours/week)
 Not part of a TN Transfer Pathway.

PSG 120 Clinical I Credits: 3
 Students will complete rotations at clinical sites to gain experience working with polysomnographic equipment and sleep disorders patients. (120 total clinical hours/semester)
 Not part of a TN Transfer Pathway.

PSG 125 Clinical II Credits: 5
 Continuation of Clinical I. (240 total clinical hours/semester)
 Not part of a TN Transfer Pathway.

Psychology

PSYC 1030 General Psychology Credits: 3
 A survey course dealing with the scientific analysis of human behavior and mental processes. F, Sp, Su
 Roane State General Education course approved and designed for transfer. (TTP course)

PSYC 2110 Psychology of Adjustment Credits: 3
 A survey course dealing with adjustment in modern society focusing on a healthy self-concept, coping with psychological stress, and preventing maladjustment. Emphasis on humanistic principles and research. Course availability determined by dean.
 Course designed for transfer and part of the TN Transfer Pathways.

PSYC 2120 Social Psychology Credits: 3
 Social Psychology focuses on the scientific study of individual behavior in group contexts, group behavior, and associated phenomena. Includes instruction in social learning theory, group theory and dynamics, sex roles, social cognition and inference, attribution theory, attitude formation, criminal behavior and other social pathologies, altruistic behavior, social development, and social ecology. F, Sp
 Course designed for transfer and part of the TN Transfer Pathways.

PSYC 2130 Life Span Psychology Credits: 3
 A survey course dealing with the physical, cognitive, social and emotional aspects of the human developmental processes-from conception to death. F, Sp, Su
 Roane State General Education course approved and designed for transfer. (TTP course)

PSYC 2220 Biological Basis of Behavior Credits: 3
 A survey course describing the theories and research involving the role of genetic factors, nervous and endocrine systems and other biological features influencing human behavior and mental processes. F, Sp
 Roane State General Education course approved and designed for transfer.

PSYC 2230 Abnormal Psychology Credits: 3
 Definition of abnormal behavior. Survey of development and treatment of anxiety disorders, affective disorders, schizophrenia, paranoid disorders, personality disorders, organic mental disorders, somatoform disorders, dissociative disorders, childhood disorders, psychosexual disorders, and drug dependence. (Recommended: PSYC 1030) F, Sp
 Not part of a TN Transfer Pathway.

Physical Therapist Assistant

PTA 121 Kinesiology Credits: 3
 This course presents the basic concept of kinesiology. The perspective taken in studying this subject is from that of a physical therapist assistant or occupational therapy assistant. A detailed understanding of musculoskeletal anatomy will be reinforced and the neurological connections highlighted. Emphasis is placed on normal motion and movement patterns, especially as they apply to physical rehabilitation. Biomechanical principles and functional characteristics of the musculoskeletal system are introduced. The course includes an introduction to posture, normal and pathological gait, goniometry and MMT. (2 lecture hours, 3 laboratory hours/week)
 Not part of a TN Transfer Pathway.

PTA 141 Patient Care Techniques Credits: 4
 This course introduces the student to basic skills necessary for safe care of the patient and teaches the theory and techniques of basic patient care procedures. Included are: basic assessment skills, body mechanics, patient positioning, draping, bed mobility, transfers, gait training with assistive devices, wheelchair skills, functional training, ADL training, environmental/architectural barrier identification and modification, bandaging, infection control and asepsis and ROM exercise. (2 lecture hours, 6 laboratory hours/week)
 Not part of a TN Transfer Pathway.

PTA 151 **Therapeutic Modalities** Credits: 5

The general principles of treatment, indications, contraindications, physiological effects of superficial heat and cold, massage, phototherapy, hydrotherapy, deep heat modalities, mechanical traction, intermittent compression and electrotherapy are discussed and practiced. (3 lecture hours, 6 laboratory hours/week)
Not part of a TN Transfer Pathway.

PTA 214 **Treatment of Medical/Surgical Conditions** Credits: 3

This course introduces the student to common medical and surgical conditions. This will include definition and overview, incidence, etiology, risk factor, pathogenesis, clinical manifestation, diagnosis, prognosis, treatment (medical, surgical). Specific attention will be paid to the physical therapy aspect of treatment and management. Implication of patient response to physical therapy intervention will be investigated. This will include how the condition will present in the physical therapist's evaluation. Also, presented will be: how a condition will alter patient response to specific PT interventions, what modification of PT interventions may be indicated, what precautions and contraindications exist. Selected treatment skills will be introduced and developed in the areas of cardiac & pulmonary rehabilitation, wound and burn management. (3 lecture hours/week)
Not part of a TN Transfer Pathway.

PTA 235 **Advanced Physical Therapy Procedures I** Credits: 6

This course introduces the student to the fundamentals of therapeutic exercise as they pertain to orthopedic conditions, arthritis, aging and amputations. There will be opportunity to learn and practice specific treatment techniques for these conditions such as selected examination procedures, demonstrating and teaching therapeutic exercises and writing home exercise programs. (4 hours lecture, 6 hours laboratory/week)
Not part of a TN Transfer Pathway.

PTA 236 **Advanced Physical Therapy Procedures II** Credits: 6

This course introduces the student to the treatment fundamental for the adult or pediatric patient with neurological damage, wound and burn care. Developmental sequence of gross and fine motor skills, an introduction to normal/abnormal movement patterns, concepts of motor learning and training are included. Use of orthotics is introduced. Rehabilitation concepts and procedures are discussed and practiced in terms of goals, indications, contraindications/precautions, modifications, adaptations, documentation and discharge planning per patient status. Selected pathologies will be covered. This will include definition and overview, incidence, etiology, risk factors, pathogenesis, clinical manifestation, diagnosis, prognosis, treatment (medical, surgical, physical therapy). (4 lecture hours, 6 laboratory hours/week)
Not part of a TN Transfer Pathway.

PTA 238 **Clinical Preparation I** Credits: 2

This course prepares the PTA student for his/her clinical experiences and entry into the field as a physical therapist assistant. Information on non-verbal, oral and written communication used by rehabilitation professionals is presented. This will include medical records, patient documentation, and the use of professional literature to write abstracts and perform medical literature review. Emphasis will be on the practical use of medical terminology, medical documentation and medical conversations. The basic principles of risk management are presented. The Tennessee Rules for Physical Therapy document is explored. Investigation and integration of personal and professional attitudes and behaviors are pursued in selected areas, including supervision and sexual harassment. The student will learn how to develop an inservice. The course also provides the student with his/her first clinical experiences in a variety of settings/formats. The student will begin to develop the concept of comprehensive patient care with mock clinic assignments (supervised practice sessions). The student will participate in an integrated clinical affiliation at the end of the semester. (1.5 lecture hours, 32 clinic hours/semester)
Not part of a TN Transfer Pathway.

PTA 239 **Clinical Preparation II** Credits: 2

This course is a continuation of PTA 238 as it prepares the PTA student for his/her clinical experiences and entry into the field as a physical therapist assistant. Strategies for obtaining employment are discussed. Effective techniques for cover letter/resume writing and interview performance are presented and practiced. Other important employment issues including benefits, and management/employee relations will be presented. The role of the PTA beyond patient care is discussed. Fiscal management and reimbursement issues are introduced and discussed. The student will present an inservice to an audience other than PTA peers. There will be continued assessment and planning of professional behavior development. During this course, the student will continue to participate in a variety of clinical experiences including development of comprehensive patient care with mock clinic assignments (supervised practice sessions) and participation in an integrated clinical affiliation during the end of the semester. (1.5 lecture hour, 32 clinic hours/semester)
Not part of a TN Transfer Pathway.

PTA 244 **Seminar** Credits: 1

This online course is designed to coincide with the clinical experiences of Clinical Preparation I (PTA 256) and Clinical Preparation II (PTA 257). Students are required to prepare case studies, investigate community resources and research medical conditions encountered during the clinical period and/or assigned by the faculty. Additional assignments are related to issues in administration, diversity and ethics in physical therapy and health care. Students are provided with information they need to take the national licensure examination and seek state licensure as a PTA. (This is an independent study course requiring 15 hours of preparation to complete online assignments.)
Summer only.
Not part of a TN Transfer Pathway.

PTA 256 **Clinical Education I** Credits: 5

Supervised patient care and clinical observation for the final semester PTA student. (240 hours clinic/semester)
Not part of a TN Transfer Pathway.

PTA 257 **Clinical Education II** Credits: 5
Supervised patient care and clinical observation for the final semester PTA student. (240 hours clinic/semester)
Not part of a TN Transfer Pathway.

Radiologic Technology

RDT 103 **Image Analysis I** Credits: 2
This course provides an evaluation of radiographic image criteria. Topics will include identification of anatomical structures, accurate positioning, and technical factors on an image. An emphasis will be placed on problem solving to determine the appropriate changes needed to obtain optimal image quality. Areas of study include chest, abdomen, shoulder girdle, and upper extremities (2 lecture hours/week).
Not part of a TN Transfer Pathway.

RDT 106 **Clinical Education I** Credits: 2
Application of principles of radiographic positioning under the supervision of qualified registered ARRT technologists. Skills include application of technical factors, radiographic positioning, patient interactions, and professional behavior. Students must demonstrate competence by performing radiologic examinations unassisted (224 hours clinical experience per semester).
Not part of a TN Transfer Pathway.

RDT 107 **Clinical Education II** Credits: 2
Application of principles of radiographic positioning under the supervision of qualified registered ARRT technologists. Skills include application of technical factors, radiographic positioning, patient interaction, and professional behavior. Students must demonstrate competence by performing radiologic examinations unassisted (224 hours clinical experience per semester).
Not part of a TN Transfer Pathway.

RDT 108 **Clinical Education III** Credits: 2
Application of principles of radiographic positioning under the supervision of qualified registered ARRT technologists. Skills include application of technical factors, radiographic positioning, patient interaction, and professional behavior. Students must demonstrate competence by performing radiologic examinations unassisted. 240 hours clinical experience (Prerequisites BIOL 2010, 2020)
Not part of a TN Transfer Pathway.

RDT 110 **Image Analysis II** Credits: 2
This course provides an evaluation of radiographic image criteria. Topics will include identification of anatomical structures, accurate positioning, and technical factors on an image. An emphasis will be placed on problem solving to determine the appropriate changes needed to obtain optimal image quality. Areas of study include lower extremities, hip, pelvis, vertebral column, and contrast studies (2 lecture hours/week).
Not part of a TN Transfer Pathway.

RDT 113 **Radiographic Procedures I** Credits: 4
A study of the basic principles of positioning, terminology, pathology, and radiographic anatomy as applied to diagnostic procedures of the radiology department. Areas of study include chest, abdomen, shoulder girdle, and upper extremities (3 hours lecture, 2 hours laboratory/week).
Not part of a TN Transfer Pathway.

RDT 114 **Radiographic Procedures II** Credits: 4
A study in the basic principles of positioning, terminology, pathology, and radiographic anatomy as applied to diagnostic procedures of the radiology department. Areas of study include lower extremities, hip, pelvis, vertebral column, and contrast studies. (3 hours lecture, 2 hours laboratory/week)
Not part of a TN Transfer Pathway.

RDT 122 **Principles of Radiographic Exposure** Credits: 4
This course provides an analysis of the technical aspects of radiography to include photographic and geometric factors. Topics include latent/manifest image formation, intensifying screens, grids, sensitometry, and prime factors that influence film quality (4 lecture hours/week).
Not part of a TN Transfer Pathway.

RDT 130 **Imaging Acquisition and Quality Control** Credits: 4
This course will discuss the history and role of computers in modern imaging systems. A study of equipment operation and quality control factors for digital imaging, DICOM and PACS will be included. Digital radiography will be compared to conventional radiology principles, equipment, and methodology. Topics include RIS, HIS, digital receptors, CR imaging, histograms, and display workstations (4 lecture hours/week).
Not part of a TN Transfer Pathway.

RDT 203 **Image Analysis III** Credits: 1
This course provides an evaluation of radiographic image criteria. Topics will include identification of anatomical structures, accurate positioning, and technical factors on an image. An emphasis will be placed on problem solving to determine the appropriate changes needed to obtain optimal image quality. Areas of study include facial bones, skull, and sinuses. (Prerequisites: BIOL 2010, 2020) 1 lecture hr/week
Not part of a TN Transfer Pathway.

RDT 206 **Clinical Education IV** Credits: 3
Application of principles of radiographic positioning under the supervision of qualified registered ARRT technologists. Skills include application of technical factors, radiographic positioning, patient interaction, and professional behavior. Students must demonstrate competence by performing radiologic examinations unassisted (336 clinical experience hours/semester).
Not part of a TN Transfer Pathway.

RDT 207 Clinical Education V Credits: 3

Application of principles of radiographic positioning under the supervision of qualified registered ARRT technologists. Skills include application of technical factors, radiographic positioning, patient interaction, and professional behavior. Students must demonstrate competence by performing radiologic examinations unassisted (336 clinical experience hours/semester).

Not part of a TN Transfer Pathway.

RDT 210 Radiographic Procedures III Credits: 3

A study in the basic principles of positioning, terminology, pathology, and radiographic anatomy as applied to diagnostic procedures of the radiology department. Areas of study include bony thorax, skull, facial bones, and sinuses. (Prerequisites BIOL 2010, BIOL 2020) 2 lecture hours and 1 lab hr/week

Not part of a TN Transfer Pathway.

RDT 212 Radiographic Procedures IV Credits: 4

A study of basic principles of positioning and terminology as applied to diagnostic procedures. The course includes a focus on non-routine radiology anatomical exams in relation to the modification of standard projections to better demonstrate pathology and accommodate patient conditions. An orientation to special imaging areas with a focus on computed tomography, interventional radiography, nuclear medicine, MRI, ultrasound, radiation therapy, bone densitometry, and PET (3 lecture hours, 2 laboratory hours/week).

Not part of a TN Transfer Pathway.

RDT 215 Advanced Radiography Credits: 2

A study of the positioning and exposure modifications required for trauma, geriatric patients and patients with unusual conditions, body types or diseases. (1 lecture hour, 2 laboratory hours/week)

Not part of a TN Transfer Pathway.

RDT 218 Current Trends in Radiologic Technology Credits: 2

This elective course is designed to allow a study of special current topics such as the examination of the role of advanced imaging modalities. Other topics will include an examination of present and future health care trends as each relates to the field of Radiology. (2 lecture hours/week)

Not part of a TN Transfer Pathway.

RDT 222 Radiation Biology and Protection Credits: 2

A study of the biological effects of ionizing radiation, patient and personnel protection, maximum permissible dose, personnel monitoring, and units of measurement for radiation exposure. (2 lecture hours/week)

Not part of a TN Transfer Pathway.

RDT 225 Radiation Physics Credits: 4

A study of electromagnetism, production and properties of x-rays, interactions with matter, x-ray tube and circuitry, and specialized imaging equipment. (4 lecture hours/week)

Not part of a TN Transfer Pathway.

RDT 226 Radiation Science Credits: 3

This is an advanced level course designed to study and discuss radiographic principles, techniques, and methods. The knowledge of the profession is enhanced through group discussion, research, and writing. An emphasis will be placed on the synthesis of skills and information needed to exercise independent judgment in the performance of medical imaging procedures. (3 lecture hours/week)

Not part of a TN Transfer Pathway

RDT 227 Radiographic Pathology Credits: 2

This course will provide students with a basic knowledge of pathology as it pertains to diagnostic medical imaging. Course content will include etiology, classification, and radiographic appearance of commonly encountered diseases. Emphasis will be placed on the Radiologic Technologist's role in the detection and management of pathological conditions by recognizing alternative imaging considerations. 2 lecture hrs/week

Not part of a TN Transfer Pathway

Reading

READ 0500 Basic Reading Credits: 3

Basic Reading is designed to develop fundamental reading skills through systematic approaches to instruction in vocabulary and comprehension. Satisfactory completion of this course or other evidence of competencies in these areas is a prerequisite for READ 0562 and its college-level co-requisite course (HUM 262 or PSYC 1030). F, Sp, Su

READ 0562 Reading Learning Support Credits: 3

For students who have placed into Reading Learning Support (RLS). READ 0562 is designed to develop college-level reading competence through instruction in comprehension skills, vocabulary development, reading study strategies, and the application of skills in the context of reading tasks associated with the required co-requisite course, HUM 262—Introduction to Humanities: Great Works. Discussion of reading passages in targeted small-group settings is a focus of the class, as is writing about reading. Higher-order critical and creative thinking—the ability to interpret, analyze, synthesize, and evaluate—is consistently emphasized. Computerized instruction allows students to strengthen discrete reading skills. Students who successfully complete the course—or successfully complete the co-requisite HUM 262 course—earn passing grade and also complete RLS requirements, making them eligible to register for other college-level classes with reading prerequisites. READ 0562 does not satisfy graduation requirements. (Co-requisite: HUM 262) F, Sp, SU

Not part of a TN Transfer Pathway.

RTT 245 Respiratory Care Science V Credits: 7

This course introduces students to special therapeutic and diagnostic procedures in respiratory care. Elements of home care to include: equipment, patient/environmental assessment, and state/federal regulations. Theory and introduction to special diagnostics such as bronchoscopy, stress testing, pulmonary rehabilitation, metabolic studies, and brachytherapy will also be included. Patient education methods will be introduced. Care of patients in the subacute care area will also be introduced. In the clinical setting students will continue work in the critical care areas and will work with and perform those modalities discussed in Respiratory Care Science IV. Students will also gain knowledge of and work in the pediatric and neonatal intensive care areas. Students must complete a final clinical summation evaluation during this course. (4 lecture hours, 360 clinic hours/semester)
Not part of a TN Transfer Pathway.

RTT 260 Hemodynamics and Rhythms Credits: 3

This course will introduce the student to the following: Theory and application of cardiac output measurement. Arterial line insertion techniques, care, and hazards. Hemodynamic studies to include: insertion, care, and hazards of flow directed balloon tipped catheter and the central venous pressure catheter. Pressure monitoring will discuss central venous pressures, right arterial pressures, right ventricular pressures, pulmonary artery pressures, and pulmonary occluding pressures. Study will also introduce the student to equipment associated with hemodynamic monitoring such as, transducers and monitoring devices. Waveform interpretation with clinical application will be discussed. Fundamentals of electrocardiography will be introduced to include: lead application, pharmacology for the cardiovascular problems, and tracing interpretation. Studies in fluid and electrolyte balance as it relates to respiratory care will also be discussed. (3 lecture hours/week)
Not part of a TN Transfer Pathway.

RTT 261 Respiratory Care Seminar Credits: 2

A review and practice of the NBRC Self Assessment Examinations including the entry level written registry and the clinical simulation. Students must pass these examinations to receive a certificate of completion. (2 lecture hours/week)
Not part of a TN Transfer Pathway.

Service Learning

SERV 1010 Service Learning Practicum Credits: 1 TO 3

This course is designed to provide students with an opportunity to enrich their college experience by taking part in projects designed to promote community services and self-discovery. While the emphasis of the course may vary, according to the instructor, the main goal of the course will always be to promote community service and discovery learning. Students will access community needs, discuss them, analyze them and act on them. Course availability determined by dean.
Not part of a TN Transfer Pathway.

SERV 1020 Service Learning Practicum II Credits: 3

This course is designed to provide students with an opportunity to further enrich their college experience by taking part in projects designed to promote community services and self-discovery. While the emphasis of the course may vary, according to the instructor, the main goal of the course will always be to promote community service and discovery learning. Students will access community needs, discuss them, analyze them and act on them. (Prerequisite: SERV 1010)
Not part of a TN Transfer Pathway

Sociology

SOCI 1010 Introduction to Sociology Credits: 3

This course focuses on the analysis of human social interaction, patterned social relationships, and social change. Emphasis is placed on the theoretical perspectives and principles of explanation used by sociologists, as well as the basic concepts such as culture, socialization, social organization, social deviance, and social stratification. F, Sp, Su
Roane State General Education course approved and designed for transfer. (TTP course)

SOCI 1020 Social Problems Credits: 3

This course focuses on the study of the scope and effects of a number of societal problems. Attention is given to research findings as well as social programs and policies that have been or can be taken to attempt to solve the problems. Some possible social problems examined include social inequality, social change, environmental concerns, population and resource challenges, violence, war, and issues related to death and dying. F, Sp
Roane State General Education course approved and designed for transfer. (TTP course)

SOCI 2110 Cultural Anthropology Credits: 3

This course is an introductory survey of the principles, concepts, methods, and scope of anthropology. Emphasis is placed on the nature of culture, sociocultural adaptation, language, kinship, social systems, subsistence patterns, art, ritual and belief systems, and the impact of change. F, Sp
Roane State General Education course approved and designed for transfer.

SOCI 2120 Prehistoric Archaeology Credits: 3

This course is an introductory survey of human origins and prehistoric cultures. Emphasis is placed on the general principles, history, theoretical orientations, and methods of archaeology. This course will examine a number of prehistoric cultural lifeways from the beginnings of human culture to the rise of civilization. Course availability determined by dean.
Roane State General Education course approved and designed for transfer.

Spanish

SPAN 1010 Beginning Spanish I Credits: 3
Elementary grammar, pronunciation and conversation through the use of films, videotapes, cassette tapes, filmstrips and computer programs. (No prerequisite) F
Roane State General Education course approved and designed for transfer. (TTP course)

SPAN 1020 Beginning Spanish II Credits: 3
Continuation of Beginning Spanish I. (Prerequisite: SPAN 1010.) Sp
Roane State General Education course approved and designed for transfer. (TTP course)

SPAN 2010 Intermediate Spanish I Credits: 3
Advanced grammar and conversation through use of films, videotapes, cassette tapes, filmstrips, computer programs and library readings. (Prerequisite: SPAN 1020) F
Roane State General Education course approved and designed for transfer. (TTP course)

SPAN 2020 Intermediate Spanish II Credits: 3
Continuation of Intermediate Spanish I. (Prerequisite: SPAN 2010) Sp
Roane State General Education course approved and designed for transfer. (TTP course)

Speech

SPCH 1010 Fundamentals of Speech Communication Credits: 3
This course is designed to introduce the student to the skills of interpersonal communication. Emphasis is placed upon the fundamental principles and techniques of public speaking, and the oral and physical aspects of delivery. Emphasis is also placed upon discussion, listening skills, thoughtful examination of diverse ideas, respect for everyone's right to a point of view and the tenets of free speech. F, Sp, Su
Roane State General Education course approved and designed for transfer.

Social Science

SSC 120 The Civil War Credits: 3
The purpose of this course is to study and gain an understanding of the great central event of American history, the Civil War. Major political, economic, social, and military developments will be examined through use of a textbook, the PBS video series 'The Civil War', lecture, and class discussion. Course availability determined by dean.
Not part of a TN Transfer Pathway.

SSC 210 Social Science Seminar Credits: 1 TO 3
In-depth analysis of a particular topic, concern, or problem in the social sciences. Courses may be oriented toward any one of the social science disciplines (history, political science, psychology, sociology-anthropology) or may be cross disciplinary in nature combining several social sciences. Social Science elective credit only. Some examples of frequently offered Social Science Seminars include: African American History; The Civil War; Death and Dying; European Studies; Human Sexuality; North American Indians; The Southwest Field Trip; Women in Western Civilization; and World War II. Course availability determined by dean.
Not part of a TN Transfer Pathway.

SSC 211 Southwest Field Trip Credits: 3
The Southwest Field Trip is a multidisciplinary study of the prehistoric and historic peoples and cultures of the 'Four Corner' area of the American southwest, including the ecology and geology of the region. Primary attention is given to the Ancestral Puebloans, ancient Native American peoples who lived throughout the Colorado Plateau. The focus of the class may include contributions or considerations from anthropology, archaeology, astronomy, biology, geography, geology, history, literature, mathematics, and social sciences. Sp
Not part of a TN Transfer Pathway.

SSC 212 Southwest Field Trip Credits: 3
The Southwest Field Trip is a multidisciplinary study of the prehistoric and historic peoples and cultures of the 'Four Corner' area of the American southwest, including the ecology and geology of the region. Primary attention is given to the Ancestral Puebloans, ancient Native American peoples who lived throughout the Colorado Plateau. The focus of the class may include contributions or considerations from anthropology, archaeology, astronomy, biology, geography, geology, history, literature, mathematics, and social sciences. Sp
Not part of a TN Transfer Pathway.

SSC 215 World War II Credits: 3
This course examines the largest single event in human history, the Second World War. The background to this conflict along with political, diplomatic, and military aspects will be studied through use of a textbook, 'The World at War' video series, lecture, and class discussions. Course availability determined by dean.
Not part of a TN Transfer Pathway.

SSC 221 The Haiti Experience Credits: 3
Students will learn about Haiti through lectures and research. Aspects covered include language, economics, politics, history and lifestyle. Students will experience cultural immersion through a trip to Haiti where they will work with the Haitians on a service project. Course availability determined by dean.
Not part of a TN Transfer Pathway.

SSC 223 Social Science Seminar Credits: 1
TO 3

In-depth analysis of a particular topic, concern or problem in the social sciences. Courses can be oriented toward any one of the social science disciplines (history, political science, psychology, sociology-anthropology) or may be cross disciplinary in nature, combining several social sciences. Social science elective credit only. Some examples of frequently offered social science seminars include: African American History, The Civil War, Death and Dying, European Studies, Human sexuality, North American Indians, Southwest Fieldtrip, Women in Western Civilization, and World War II. Course availability determined by dean.

Not part of a TN Transfer Pathway.

SSC 270 Appalachian Culture Credits: 3

A general survey of the historical and cultural development of the region of Southern Appalachia. Emphasis will be placed on topics such as physiography, native Americans, historical settlement, rivers and transportation, folklore and crafts, farming and mining activities, and political and social developments. This course will include field trips to significant sites such as Cades Cove in the Great Smoky Mountains, the Blue Heron mining community in the Big South Fork National Recreation Area, and the Museum of Appalachia in Norris. No prerequisite. Course availability determined by dean.

Surgical Technology

SURG 1002 Orientation to Surgical Technology Credits: 1

Orientation to Surgical Technology is designed to introduce the student to the field, including the operating room setting, reporting relationships, education and experiential needs, minimum physical requirements, working conditions, unavoidable hazards and job performance standards. Information review for National Examination for Surgical Technologists will be presented. 1 lecture hour/week (Prerequisite: Acceptance into the Surgical Technology program)

Not part of a TN Transfer Pathway

SURG 1005 Surgical Terminology and Pharmacology Credits: 3

Surgical Terminology and Pharmacology is designed for public and allied health professionals who need to read and interpret health and medical reports, research reports and/or professional literature. Topics include an analysis of the authorization of medical terms related to various disorders with a focus on punctuation and spelling, basic word structure, abbreviations and symbols and the body and its systems. Additional focus will include the biomedical and pharmacological effects of therapeutic drugs on the human body, positive and negative reactions to drugs and interaction effects between and among drugs. Attention will be given to metric-weight and measures, terminology, case and handling of drugs, classification of drugs and anesthesia. (Prerequisite: Acceptance into the Surgical Technology program) 3 lecture hours/week

Not part of a TN Transfer Pathway

SURG 1010 Surgical Technology and Patient Care I Credits: 3

Surgical Technology and Patient Care I covers the duties of the surgical technologist; the surgical team members; hospitals and their backgrounds; hospital organization and management; physical aspects of the operating room; interdepartmental relations; communication and rapport; the development of surgery; and identifying ethical, moral and legal responsibilities. The course also introduces students to patient care concepts and practices and instructional components of electricity, physics, robotics and computer skills are reviewed. 3 Credit Hours – 3 lecture hours (Prerequisite: Acceptance into the Surgical Technology program. Co-requisite: SURG 1011) F

Not part of a TN Transfer Pathway

SURG 1011 Surg Tech & Patient Care Lab I Credits: 1

Surgical Technology and Patient Care Laboratory I introduces students to surgical procedures, incisions, wound closure, operative pathology and common complications that arise in general and specialty surgery. Students gain preparation to work under medical supervision to facilitate the safe and effective conduct of invasive surgical procedures. Particular emphasis is on operating room furniture, instrumentation, supplies, equipment and establishing the sterile field. (Prerequisite: Acceptance into the Surgical Technology program. Co-requisite: SURG 1010) 10 lab hours/week

Not part of a TN Transfer Pathway

SURG 1020 Surg Tech & Patient Care II Credits: 3

Surgical Technology and Patient Care II is a continuation of SURG 1010. Students continue the study of surgical team practice, patient-care concepts and practices. (Prerequisite: Acceptance into the Surgical Technology Program and SURG 1010. Co-requisite SURG 1021) 3 Lecture Hours/week

Not part of a TN Transfer Pathway

SURG 1021 Surgical Technology & Patient Care Lab II Credits: 1

Surgical Technology and Patient Care Laboratory II is a continuation of Surgical Technology and Patient Care Laboratory I. Students will continue studies in surgical procedures, incisions, wound healing, operating, pathology, and common applications. (Prerequisite: Acceptance into the Surgical Technology program and SURG 1011. Co-requisite: SURG 1020) 10 Lab Hours/week

Not part of a TN Transfer Pathway

SURG 2010 Surgical Microbiology and Asepsis Credits: 3

Surgical Microbiology and Asepsis trains students in techniques for keeping the surgical environment free from disease-producing micro-organisms. Asepsis principles, surgical conscience, sanitation/disinfection/sterilization and monitoring techniques are explored. (Prerequisite: Acceptance into the Surgical Technology program) 6 Lecture Hours/week

Not part of a TN Transfer Pathway

SURG 2020 Surgical Procedures I Credits: 3
Surgical Procedures I focuses on anatomy, physiology, pathophysiology, diagnostic intervention, surgical intervention, postoperative patient care considerations, prognosis complications, and wound classification/management. Twelve surgical sub-specialties are reviewed. (Prerequisite: Acceptance into the Surgical Technology program. Corequisite: SURG 2901) 6 Lecture Hours/week
Not part of a TN Transfer Pathway

SURG 2030 Surgical Procedures II Credits: 3
Surgical Procedures II is a continuation of SURG 2020 and focuses on anatomy, physiology, pathophysiology, diagnostic intervention, surgical intervention, postoperative patient care considerations, prognosis complications, and wound classification/management. Twelve surgical sub-specialties are reviewed. (Prerequisite: Acceptance into the Surgical Technology program. Corequisite: SURG 2020) 6 Lecture Hours/week
Not part of a TN Transfer Pathway

SURG 2900 Clinical Practicum I Credits: 1
Clinical Practicum I allows the student to affiliate with the area hospitals under the joint supervision of Walters State and the professional staffs of the hospitals' surgical units to provide practical clinical work experience in an actual hospital operating room setting. (Prerequisite: Acceptance into the Surgical Technology program) 150 Total Clinical Hours/semester
Not part of a TN Transfer Pathway

SURG 2901 Clinical Practicum II Credits: 2
Clinical Practicum II is a continuation of SURG 2900. (Prerequisite: Acceptance into the Surgical Technology program and SURG 2900) 15 lecture hours and 150 total clinical hours/semester
Not part of a TN Transfer Pathway

SURG 2902 Clinical Practicum III Credits: 3
Clinical Practicum III is a continuation of SURG 2901. (Prerequisite: Acceptance into the Surgical Technology program and SURG 2901) 30 lecture hours and 300 total clinical hours/semester
Not part of a TN Transfer Pathway

Theatre

THEA 1030 Introduction to Theatre Credits: 3
A survey course in theatre covering the history and development of Western drama. This course will emphasize drama as production rather than as literature. F, Sp
Roane State General Education course approved and designed for transfer.

THEA 110 Theatre History I Credits: 3
A study of the Greek Period to the Restoration. The development of drama and the theatre; critical study of representative plays of the period. Course availability determined by program director.
Not part of a TN Transfer Pathway.

THEA 111 Theatre History II Credits: 3
A study of the Restoration to Present. The development of drama and the theatre; critical study of representative plays of the period. Course availability determined by program director.
Not part of a TN Transfer Pathway.

THEA 115 Costuming Credits: 3
Designed to meet individual needs for advanced study in costume for entertainment and the arts. Topic to be determined at time of scheduling. A minimum of 40 hours of laboratory work required. Course availability determined by program director.
Not part of a TN Transfer Pathway.

THEA 117 Lighting Design Credits: 3
Designed to meet individual needs for advanced study in lighting for entertainment and the arts. Topic to be determined at time of scheduling. A minimum of 40 hours of laboratory work required. Course availability determined by program director.
Not part of a TN Transfer Pathway.

THEA 119 Scenic Design Credits: 3
Lectures and practical experience in planning and designing settings for the stage. Emphasis on forms and styles of scenery, historical period research designers, and theatrical materials, methods, and techniques. Major projects in set design. A minimum of 40 hours of laboratory and/or crew requirement. Course availability determined by program director.
Not part of a TN Transfer Pathway.

THEA 1520 Stage Craft I Credits: 3
The Stagecraft course is intended to introduce the student to props, scenery, and costume production as well as to the tools, materials, construction techniques, exploration of the terminology, mechanical drawings, practical application in the design areas, and stage machinery used in these areas of theatrical production.
Course designed for transfer and part of the TN Transfer Pathways

THEA 231 Fundamentals of Acting I Credits: 3
Fundamentals of Acting will emphasize the mechanics (vocal and physical) of presenting a character on stage. F
Course designed for transfer and part of the TN Transfer Pathways.

THEA 232 Fundamentals of Acting II Credits: 3
Improvisations, use of acting techniques in intensive work. Emphasis placed on special problems in contemporary roles. (Prerequisite: THEA 231 or permission of instructor) Sp
Not part of a TN Transfer Pathway.

THEA 233 Fundamentals of Play Directing Credits: 3
Play analysis, production concepts, staging, theory and techniques; rehearsal methods and procedures. Introduction of scene work. Course availability determined by program director.
Not part of a TN Transfer Pathway.

THEA 234 Dramatic Theory Credits: 3

Selected major playwrights linked by theme or a particular genre of dramatic theory; and intensive examination of plays which either survey playwrights' careers or represent a significant portion of genre's canon. Course availability determined by program director. Not part of a TN Transfer Pathway.

THEA 235 Intro to Theatre Technology Credits: 3

An introduction to the tools and methods used in modern theatrical productions, including scenery construction, lighting and sound design, and stage management technologies. F
Not part of a TN Transfer Pathway.

THEA 2510 Theatre Production Practicum I Credits: 1

Field experience course offering practical experience for students working in on-campus and off-campus technically oriented or performance oriented theatre activities. Each course carries one hour credit, and students may earn up to six credits by enrolling for one course each semester. F, Sp
Not part of a TN Transfer Pathway.

THEA 2520 Theatre Production Practicum II Credits: 1

Field experience course offering practical experience for students working in on-campus and off-campus technically oriented or performance oriented theatre activities. Each course carries one hour credit, and students may earn up to six credits by enrolling for one course each semester. (Prerequisite: THEA 2510) F, Sp
Not part of a TN Transfer Pathway.

THEA 2530 Theatre Production Practicum III Credits: 1

Field experience course offering practical experience for students working in on-campus and off-campus technically oriented or performance oriented theatre activities. Each course carries one hour credit, and students may earn up to six credits by enrolling for one course each semester. (Prerequisite: THEA 2520) F, Sp
Not part of a TN Transfer Pathway.

THEA 2540 Theatre Production Practicum IV Credits: 1

Field experience course offering practical experience for students working in on-campus and off-campus technically oriented or performance oriented theatre activities. Each course carries one hour credit, and students may earn up to six credits by enrolling for one course each semester. (Prerequisite: THEA 2530) F, Sp
Not part of a TN Transfer Pathway.

THEA 2550 Theatre Production Practicum V Credits: 1

Field experience course offering practical experience for students working in on-campus and off-campus technically oriented or performance oriented theatre activities. Each course carries one hour credit, and students may earn up to six credits by enrolling for one course each semester (Prerequisite: THEA 2540). F, Sp
Not part of a TN Transfer Pathway.

THEA 2560 Theatre Production Practicum VI Credits: 1

Field experience course offering practical experience for students working in on-campus and off-campus technically oriented or performance oriented theatre activities. Each course carries one hour credit, and students may earn up to six credits by enrolling for one course each semester. (Prerequisite: THEA 2550) F, Sp
Not part of a TN Transfer Pathway.

Web Technology

**WEBT 2300 Client-Side Programming Credits: 3
(JavaScript)**

This course teaches web developers how to use the features of a scripting language to design client-side, platform-independent solutions. Students learn to write client-side programs, control program flow, validate forms, and work with dynamic content and styles. (Prerequisite: CITC 1300)

Welding

WELD 1410 Metallurgy and Materials Testing Credits: 4

Metallurgy and Materials Testing teaches students to process and examine metallographic specimens and to identify material microscopically; to apply hardness and tensile tests and interpret results; to demonstrate an understanding of metals and their crystalline structure; and to understand the effects of heat, rates of heating and cooling, as well as alloying elements on metals. The course also includes an introduction to the mechanical testing of metals for strength, hardness and mechanical properties.
Not part of a TN Transfer Pathway.

WELD 2010 Aluminum Welding Credits: 4

This course provides students with the ability to prepare and weld aluminum and other light weight metals and alloys. The use of GTAW (TIG), GMAW (MIG) and special processes including preheat, pre-purge and post-purge are featured. Current industrial practices and the use of PPE are emphasized. (Prerequisites: Ability to use SMAW, GMAW, GTAW processes on mild steel) Course availability determined by dean.
Not part of a TN Transfer Pathway.

Wellness

WELL 1010 Lifetime Wellness Credits: 3

In this course, students will expand their knowledge and understanding of optimal health and wellness as it relates to their personal lives. Students will learn to evaluate their present health condition, make decisions for a healthy future and also plan and implement changes for a healthy lifestyle. F, Sp
Roane State General Education course approved and designed for transfer.

TN eCampus Courses

Agriculture

AGRI 1050 Introduction to Soil Science Credits: 4

TN eCampus course: Introduction to Soil Science is a study of the physical, chemical and biological properties of soils as these properties relate to soil management and fertility. The student will examine differences in soils and relate the differences to the origin of the particular soil, its productive capacity and the best management practices for the soil with respect to erosion control, tillage practices, natural moisture supply, aeration, and fertility of the soil. Plant nutrition and the use of fertilizers will be covered with the student running soil tests and making fertilizer recommendations based on the test results.

Allied Health

ALH 1000 Careers in Healthcare Credits: 3

TN eCampus: This course is designed to explore different careers in health care. These are health care careers which require skilled health care professionals and practitioners. Discussion will include places of employment, educational requirements, licensures, occupational descriptions, and career opportunities.

Art (TN eCampus)

ART 1030 Art Appreciation Credits: 3

TN eCampus course: Form and meaning in the visual arts, lecture-discussion. Especially for non-majors. F, Sp

Astronomy

ASTR 1030 Astronomy Credits: 4

TN eCampus course: Topics covered include the history of astronomy, methods of astronomy, formation of the solar system, and the physical characteristics of the sun, planets, moons, and minor members of the solar system. Identification of stellar objects is included. May be taken with PHYS 1030 to form a two-semester sequence in physical science. (Prerequisites: Entry-level college reading and math skills) Equivalent to RSCC's ASTR 1010.

Biology

BIOL 1010 Biology I and Lab Credits: 4

TN eCampus course: This course introduces the student to the methods of biological science. It explores the chemical basis of life; cell structure and function including energy metabolism; cell division; DNA and gene regulation; Mendelian and molecular genetics; the process of evolution; speciation; mechanisms for the origin of life on earth; the principles of systematics; the prokaryotes and the Kingdom Protists. (Prerequisites - must be eligible for enrollment in ENGL 1010) Equivalent to RSCC's BIOL 1110.

Note: This course is for Non-Science majors.

BIOL 1020 Biology II and Lab Credits: 4

TN eCampus course: This course introduces the student to the diversity of life on earth, looking in more detail at the fungi, plants and animals. The structure and function of flowering plants is reviewed. Animal anatomy (tissues, organs and organ systems), physiology, reproduction and development are covered with an emphasis on humans. The final section of the course covers the principles of ecology. (Prerequisites - must be eligible for enrollment in ENGL 1010) Equivalent to RSCC's BIOL 1120.

Note: This course is for Non-Science majors.

BIOL 1430 Nutrition Credits: 3

TN eCampus course: A study of nutrients and their relationship to human growth, development, and maintenance. Special emphasis is given to the role of foods and the nutrients they contain, with regard to the physiological, psychological, and sociological well-being of the individual. Practical analysis of food records and application of nutritional knowledge will be included. (Prerequisites: Completion of English and Writing remediation) Equivalent to RSCC's HEC 201.

Business

BUSN 1301 Legal Issues for the Web Credits: 3

TN eCampus course: This course addresses Internet law and provides guidelines for putting existing material online, creating material specifically for the Internet, using material found on the Internet, e-commerce, and educational aspects of the Internet. Real-world examples are used to illustrate how the rules affect businesses. Students will work on real case studies and will have discussions on what they feel should be the correct outcome based on the law as learned through this course. (Prerequisites: Completion of Learning Support Reading and Writing requirements, if applicable.)

Not part of a TN Transfer Pathway

BUSN 2450 E-Commerce Credits: 3

TN eCampus course: A study of electronic commerce and its impact on business. The course provides a framework for understanding electronic commerce, including possible marketing opportunities, as well as implementation and organization issues involved in capitalizing on electronic commerce. (Prerequisites: Students must be able to read and write at the college level.)

Chemistry

CHEM 1040 **Introduction to General Chemistry** Credits: 3

TN eCampus course: This is an elective course (NOT a general education course) designed to prepare students to succeed in general chemistry. This course is designed for students who require the general chemistry sequence but desire to build up the necessary skills for success in general chemistry sequence. It will focus on basic math skills and elementary chemistry principles needed in general chemistry courses.

NOT a part of a TN Transfer Pathway.

Computer Info Systems (TN eCampus)

CIS 193 **Introduction to Linux** Credits: 3

TN eCampus course: prepares students for the COMPTIA Linux+ certification exam. Linux is used on business web servers, email servers, application servers, and even personal desktop systems. It is designed to prepare students for the certification exam however, it is not a substitute for the certification exam. (Prerequisites: BIT 1150 or equivalent or permission of the instructor.)

Computer Info Technology

CITC 1313 **.NET Programming** Credits: 3

TN eCampus course: This course introduces Microsoft Visual Basic. Topics to be covered include object-oriented programming interface design, controls, decisions, creating menus and dialog boxes looping, arrays, and accessing database files.

CITC 1319 **Introduction to Programming for Mobile Apps** Credits: 3

TN eCampus course: This course is a hands-on, project-based introduction to computer programming using the Android environment. Students will learn the foundation of computer programming while designing, developing and deploying mobile applications that incorporate multimedia, GPS and other current technologies. (Formerly INFS 111)

CITC 1322 **A+ Software Certificaton Training** Credits: 3

TN eCampus course: An introduction to microcomputer operating system installation, configuration, upgrading, diagnosing and troubleshooting. Students will learn the processes and procedures for supporting microcomputer software in a business environment. This course is designed to assist the student to take the Comp TIA A+ Software certification examination.

CITC 1360 **Computer Graphics and Animation** Credits: 3

TN eCampus course: This course introduces the concepts of computer graphics creation. The course will use PaintShop Pro software. (Formerly INTC 1050)

Technology Communication (TN eCampus)

CMT 1010 **Networking and PC Communications** Credits: 3

TN eCampus course: This course introduces the basic concepts of PC communications, telecommunications and networking. It provides an overview of terminology & technologies used with local area networks and wide area networks, and it details processes, protocols, network design and a broad overview of the Internet. (Prerequisites: students should be able to use their computers and access the Internet and also be able to send e-mail.) Equivalent to RSCC's CST 142

College Exper (TN eCampus)

COL 101 **The College Experience Online** Credits: 3

TN eCampus course: In this course, students will study the best practices for success in college and learning online by using technology smartly, succeeding in workplace situations skillfully, using interpersonal communications respectfully, and developing self management practices expertly. NOTE: This course is for first time on-line learners who are willing to learn. Elective Credit at RSCC.

Visual Communication (TN eCampus)

COM 1000 **Beginning HTML** Credits: 3

TN eCampus course: A beginning course in HTML, providing instruction in creating web pages. Topics include using HTML tags to format headings and text, to display images, and to create lists, links, tables, frames, and forms. (Prerequisites: basic computing and keyboard skills) Equivalent to RSCC's CST 108.

COM 1010 **Basic Web Design** Credits: 3

TN eCampus course: Presents the principles for planning and designing attractive and informative Web pages and Web sites. The course explores the factors that affect Web layout and design such as browser choice, screen resolution, navigation, connection speed, typography, graphics and color. (Prerequisites: basic computing and keyboard skills) Elective Credit at RSCC.

COM 1020 **Basic Web Graphics** Credits: 3
 TN eCampus course: An introductory class using a graphics program, scanner, and other digital devices to create and edit graphic images for web pages. Projects will be included to allow students to demonstrate mastery of the use of a graphics program to edit, optimize and create imagery for the Web, set up hierarchical folders/directories and implement, upload, and edit a functional Web site. This course is taught using Photoshop® CS3 and Photoshop® and Image Ready® (versions 6 -CS2), or Photoshop® Elements (versions 3 & up) and at least a basic HTML editor (Notepad or TextEdit). (Prerequisites: COM 1010, Basic Web Design)

Criminal Justice

CRMJ 1022 **Police Administration** Credits: 3
 TN eCampus Course: A study of the principles of personnel management functions and organization of the police agency. Topics include policy procedures, evaluation of the research, planning, and development processes, and operational duties and commands.

CRMJ 1030 **Understanding Terrorism** Credits: 3
 TN eCampus course: This course will introduce students to the study of terrorism, and will provide a basic knowledge of the history of terrorism as well as explore contemporary terrorism events. The course will review major theories and organizations in the field of domestic and international terrorism.

CRMJ 1040 **Criminal Investigation** Credits: 3
 TN eCampus course: This course is an examination of the methods of interviews, interrogation, admissions, confessions, written statements, criminal case report writing, and evidence evaluation used in criminal investigations.

CRMJ 1110 **Criminal Law** Credits: 3
 TN eCampus course: This course examines the emergence of criminal law, criminal penalties and how law is used to regulate human behavior. The study of substantive law, which defines the elements, rights and responsibilities of law, will constitute the primary learning focus.

CRMJ 1301 **Correctional Counseling** Credits: 3
 TN eCampus course: This course introduces the role of the correctional counselor. It defines the goals and methods, as well as the theories associated with institutional counseling. The course exposes students to the different issues associated with offender typologies. (Formerly CRMJ 1500)

CRMJ 1360 **Introduction to Crime Scene Investigation** Credits: 3
 TN eCampus course: This course is an introduction into Forensic Science and it's applications in Criminalistics. It is an overview of how their structure reflects the underlying philosophy about forensic science as a science and as a profession. The various methodology used in a modern full-service forensic science laboratory is studied and how these methods comprise the activities and specific areas of 'criminalistics'.

CRMJ 2030 **Drug Identification and Effects** Credits: 3
 Please see CRMJ 2332. This course is no longer available.

CRMJ 2090 **Probation and Parole** Credits: 3
 Please see CRMJ 2390. This course is no longer available.

CRMJ 2312 **Criminology** Credits: 3
 TN eCampus course: This course is a systematic study of crime, criminals and the criminal justice system. It explores the fundamental elements of criminology through a study of the causation and criminal behavior theories. It also examines the relevant activities of the criminal justice system. (Formerly CRMJ 2000)

CRMJ 2332 **Drug Identification and Effects** Credits: 3
 TN eCampus course: This course is a study of the fundamentals needed for identifying both the appearance and effects of controlled substances. Students receive guides to controlled substances; their color, trade names and drug codes. The topics studied in this course include a critical examination of the physiological, sociological and legal aspects of drug abuse and the many complexities which have developed as a direct or indirect result of drug abuse in society. (Formerly CRMJ 2030)

CRMJ 2340 **Investigative Report Writing** Credits: 3
 TN eCampus course: This course focuses on preparing analytical investigative reports and explores techniques of organizing, structuring and investigating the report to comply with proper guidelines. (Formerly CRMJ 2040)

CRMJ 2390 **Probation and Parole** Credits: 3
 TN eCampus course: A study of the supervision of offenders in the community, including history, philosophy, legal foundations, strategies, professional roles and contemporary models, programs and services. (Formerly CRMJ 2090)

Early Childhood Education

ECED 2330 **Infant and Toddler Care** Credits: 3

TN eCampus course: This course is a study of the care and education of infants and toddlers, birth to age three in group settings (i.e., childcare center, family childcare home, Early Head Start). The course emphasis is on relationship-based care and education with special attention to the unique environmental aspects of programs for the child under three. Field experience required. Sp - alternating years
Not part of a TN Transfer Pathway.
Formerly ECED 2030

Education Psy (TN eCampus)

EDPY 207 **Educational Psychology** Credits: 3

TN eCampus course: A study of the supervision of offenders in the community, including history, philosophy, legal foundations, strategies, professional roles and contemporary models, programs, and services.

Education

EDU 1100 **Technology for Teachers** Credits: 3

TN eCampus course: This course explores terminology and procedures related to the integration of technology across the curriculum for multiple disciplines and grade levels. No prerequisites. Elective Credit at RSCC.

EDU 1120 **Introduction to Teaching** Credits: 3

TN eCampus course: This course is an introduction to teaching and to applications of technology which will assist in effective learning within the school environment. Experience will be gained in the development and use of instructional applications including computers and educational software. Some field experience required. No prerequisites.

EDU 201 **Foundations of Education** Credits: 3

TN eCampus course: In this course attention is given to the historical, philosophical and sociological foundations underlying the development of American educational institutions. The role of schools, the aims of education, and the role of state, local and federal agencies will be emphasized. Some field experience will be required. No prerequisites. Equivalent to RSCC's EDU 101.

EDU 2050 **Classroom Management** Credits: 3

TN eCampus course: This course is an introduction to K-6 classroom management techniques. Topics include: physical space, behavioral norms, safety, time management, managing student work, and managing other special classroom needs. (No Prerequisites, however, this course has an entry level standard of reading and writing at the college level) Elective Credit at RSCC.

EDU 250 **Instructional Technology in Education** Credits: 3

TN eCampus course: An introduction to applications of technology which will assist in efficient management and effective learning within the school environment. Experience will be gained in the development and use of instructional applications including computers and educational software. No prerequisites. Elective credit at RSCC.

Education (TN eCampus)

EDUC 2120 **Introduction to Special Education** Credits: 3

TN eCampus course: A study of the characteristics and needs of children (PK-elementary level) with special needs and/or disabilities with an emphasis on legislation, programs, services and best practices in the educational setting.

English

ENGL 0810 **Writing Learning Support** Credits: 3

TN eCampus course: Writing Learning Support is a three-credit, student-centered, self-paced course of study of the basic essay writing competencies required for success in college-level courses. Student must be enrolled in ENGL 1010 Composition I at the same time. Students who complete all of the Writing Learning Support competencies will earn a passing grade. ENGL 0810 does not satisfy graduation requirements. (Co-requisite: ENGL 1010) Not a part of a TN Transfer Pathway.

ENGL 0820 **Writing Learning Support B** Credits: 2

TN eCampus course: Writing Learning Support is a two-credit hour, student-centered, self-paced course of study of the basic essay writing competencies required for success in college-level courses. Student must be enrolled in ENGL 1010 Composition I at the same time. Students who complete all of the Writing Learning Support competencies will earn a passing grade. ENGL 0810 does not satisfy graduation requirements. (Co-requisite: ENGL 1010) Not a part of a TN Transfer Pathway.

ENGL 1001 **English Second Language I** Credits: 3

For more information on this course, please visit the TN eCampus webpage: www.roanestate.edu/?424-TN-eCampus

ENGL 1002 **English Second Language II** Credits: 3

For more information on this course, please visit the TN e-Campus webpage: www.roanestate.edu/?424-TN-eCampus

ENGL 2010 **Introduction to Literature I: Fiction** Credits: 3

TN eCampus course: This course provides the opportunity, through reading, discussion, and short projects, to analyze short stories and a novel in terms of their literary characteristics. (Prerequisite: ENGL 1010, ENGL 1020.)
Elective credit at RSCC.

ENGL 2030 **Experience of Literature** Credits: 3

TN eCampus course: Reading and analysis of a variety of literary types as forms of cultural and creative expression; emphasizes themes and experiences common to human existence. Specific topics are determined by the instructor, but the focus is on literary texts that reflect different historical and cultural contexts. (Prerequisites: ENGL 1010 and ENGL 1020)

ENGL 2116 **Writing for the Web** Credits: 3

TN eCampus course: This course focuses on developing comprehensible and useful content for websites. Students critique the writing style of current web pages and then design online documentation and develop appropriate online copy. (Prerequisites: ENGL 1010.)
Elective credit at RSCC.

ENGL 2300 **Creative Writing** Credits: 3

TN eCampus course: An elective course in developing and revising creative writing (fiction, poetry, drama, and/or creative nonfiction) for publication or personal satisfaction. (Prerequisite: ENGL 1020)

ENGL 2410 **Western World Literature I** Credits: 3

TN eCampus course: A survey of masterpieces of Western World literature: the ancient Near East, ancient Greece and Rome, the Middle Ages, and the Renaissance. (Prerequisites: ENGL 1010, ENGL 1020; students may take English 2420 without having taken English 2410.)
Equivalent to RSCC's ENGL 2310.

ENGL 2420 **Western World Literature II** Credits: 3

TN eCampus course: A survey of masterpieces of Western World literature: the Enlightenment, the Romantics, the Moderns, and the Post-Modern. (Prerequisites: ENGL 1010, ENGL 1020; students may take English 2420 without having taken English 2410.)
Equivalent to RSCC's ENGL 2320.

ENGL 2630 **Literature for Children** Credits: 3

TN eCampus course: A historical survey of literature for children with special attention to literature for pre-school and elementary years. Genres studied include picture books, fiction, traditional literature, nonfiction, and poetry. This course transfers as Literature for Children, but not as a literature course to fulfill the general education requirement. This course is primarily intended for those majoring in Early Childhood Education or Elementary Education. (Prerequisite: ENGL 1010.)

Engineering Science

ESC 1110 **Introduction to Environmental Studies I** Credits: 4

TN eCampus course: Study of environmental problems at global, national, and local levels. Ecological principles, geophysical processes, and human population dynamics; scientific approach applied to understanding environmental concepts using hands-on field experiences. (Prerequisites: College Level in Math, English, Reading.)

ESC 1120 **Introduction to Environmental Studies II** Credits: 4

TN eCampus course: Study of environmental problems at global, national, and local levels; soil, water, and mineral resources, food resources and pesticides, hazardous wastes and air pollution, energy, land, and species resources; laboratory emphasis on local field experiences. (Prerequisites: College Level in Math, English, Reading.)

Fire Science

FIRE 2350 **Principles of Fire and Emergency Services Administration** Credits: 3

TN eCampus course: Course provides an introduction to the organization and management of a fire and emergency services department and the relationship of government agencies to the fire service. Emphasis is placed on fire and emergency service, ethics, and leadership from the perspective of the company officer.

Geology

GEOL 1030 **Geology** Credits: 4

TN eCampus course: A study of the composition of rocks, minerals, landscape development, earthquakes, the earth's interior and exterior weather and climate, the nature of mountains and their development, and the drift of the continental and ocean crustal plates.

History

HIST 1110 **Civilization: Past and Present to 1500** Credits: 3

TN eCampus course: This course is the first half of a two-semester survey of world history. It covers the history of the world from the origins of humanity to the sixteenth century. The units are topical in nature and are organized in a chronological format. (Prerequisites: Satisfactory completion of English and Writing remediation.)
Equivalent to RSCC's HIST 1210.

HIST 1120 **World History Since 1500** Credits: 3
 TN eCampus course: This course is the second half of a two-semester survey of world history. It covers the history of the world from the sixteenth century. The units are topical in nature and are organized in a chronological format. (Prerequisites: Satisfactory completion English and Writing remediation.)
 Equivalent to RSCC's HIST 1220.

HIST 2050 **Appalachian History** Credits: 3
 TN eCampus course: This course will examine the theme of continuity and change in the Southern and Central Appalachian region from the 14th century to the present. States included in this study are western Virginia, eastern Kentucky, western North Carolina, East Tennessee, northern Georgia, northern Alabama, and southern West Virginia.

HIST 220 **African American History** Credits: 3
 TN eCampus course: This course will examine this history of Africans and their descendants in the United States from the end of the Civil War to the present, investigating topics from emancipation to the ongoing struggle for Civil Rights. Connections between this history and the issues and concerns facing all Americans in the present will be explored. Students will be asked to acquire factual information, but the mere memorization of facts is less important than the analysis, synthesis, and evaluation of those historical facts. (Prerequisite: ENGL 1010)

Health Information Technology

HIT 1010 **Medical Terminology** Credits: 3
 TN eCampus course: A study of the language of medicine with emphasis on body systems, prefixes, suffixes, root terms, pronunciation and spelling. (Prerequisites: Satisfactory completion of Reading and Math Learning Support competencies or appropriate entrance test scores.)

HIT 1011 **Fundamentals of HIT** Credits: 3
 TN eCampus course: This course is designed to introduce students to the principles of health information technology. The development, content and management of the medical record will be explored as well as a basic overview of the healthcare delivery system. Emphasis is placed on hospital and medical staff organization; patient record content; procedures in filing, numbering, and retention of patient records; quantitative analysis; release of patient information; forms control and design; indexes and registers; regulatory and accrediting agencies; and the transition to an electronic health record.

HIT 1111 **Legal Aspects of Health Information** Credits: 3
 TN eCampus course: This course provides an understanding of the legal principles that govern health information and the health record as a legal document. Confidentiality, release of information, informed consent, patient rights, record retention, and an in-depth review of HIPAA will be studied and practiced. The course focus includes current trends in health legislation such as healthcare fraud, federal and state required reporting. (Prerequisite: Admission to HIT program or permission of program director.)

HIT 1120 **Fundamentals of Disease Processes** Credits: 4
 TN eCampus course: This course is an introduction to disease processes in the human body with emphasis on the etiology, signs, symptoms, diagnostic aids and findings, and treatment, including medications. (Prerequisites: Admission to the HIT program or permission of instructor and BIOL 2010)

HIT 1131 **ICD-10-CM Coding System** Credits: 3
 TN eCampus course: This course introduces the ICD-10-CM classification system of symptoms, conditions and diseases according to the International Classification of Diseases Clinical Modification (ICD-CM).

HIT 1140 **Computer Applications in Health Information** Credits: 3
 TN eCampus course: The student will use several different software applications related to health records including spreadsheets, database applications, electronic health records, chart deficiencies, master patient index, chart locator, abstracting, and release of information software. (Prerequisites: All developmental courses, computer literacy class, HIT 1010, HIT 1011, BIOL 2010)

HIT 2110 **Management & Supervision in Health Information** Credits: 3
 A study of supervisory and management functions with focus on planning, organizing, staffing, directing, and controlling in healthcare organizations. Special emphasis will study managerial techniques to supervise, motivate, counsel, lead, train, and communicate with staff in health information services. (Prerequisite: Admission to program or permission of program director.)

HIT 2111 **Management & Supervision in Health Information** Credits: 2
 TN eCampus course: This course is a study of supervisory and management functions. There is a focus on planning, organizing, staffing, directing and controlling in healthcare organizations. Special emphasis will study managerial techniques to supervise, motivate, counsel, lead, train and communicate with staff in health information services.

HIT 2121 Healthcare Statistics and Reporting Credits: 2

TN eCampus course: This course includes basic research principles along with purpose of Institutional Review Board and its role in research.

HIT 2130 Coding & Classifications Systems II Credits: 3

TN eCampus course: This course covers the basic principles of coding with Current Procedural Terminology (CPT) coding system including structure and rules. Instruction will also be given in use of HCPCS Level II coding including structure and rules. The use of these coding systems will be studied as they are used in reporting of reimbursable medical services and procedures performed by physicians. (Prerequisites or Corequisites: All developmental study courses (if required) INFS 1010, HIT 1120, HIT 1131, BIOL 2020)

HIT 2131 ICD-10-PCS Coding System Credits: 3

TN eCampus course: This course introduces the ICD-10-PCS classification system for coding procedures and surgeries. (International Classification of Diseases Procedural Classification System - ICD-10-PCS).

HIT 2140 Professional Practice Experience I Credits: 3

TN eCampus course: Emphasis is placed on providing opportunities for students to relate classroom theory to actual functions of health information, such as assembly and record analysis; medicolegal procedures; information retention; filing and retrieval; and the use of technology. Students will meet objectives through assignment to a health care facility or through the use of virtual simulation projects. HIT 2140 is open only to HIT majors who have been officially accepted into the program. An understanding of fundamental HIT concepts and knowledge is required before entering the clinical site portion of the program.

HIT 2211 Healthcare Quality Management Credits: 2

TN eCampus course: This course focuses on quality improvement and assessment in a variety of healthcare settings. Leadership and team building skills will be promoted. Quality improvement and assessment techniques as they relate to the medical staff will also be addressed.

HIT 2221 Healthcare Reimbursement Methodologies Credits: 3

TN eCampus course: This course focuses on advanced topics in healthcare reimbursement. The course includes an introduction to claims filing and processing, third party payers, and physician office management.

HIT 2231 Advanced Coding & Classification Systems Credits: 3

TN eCampus course: Advanced Coding and Classifications Systems focus on advanced topics in diagnosis and procedural coding including ICD-9-CM, ICD-10-CM, ICD-10-PCS and CPT/HCPCS. The course concentrates on official coding guidelines, sequencing skills and use of ICD-9-CM, ICD-10-CM. It also focuses on ICD-10-PCS in healthcare reimbursement, as well as prospective payment system theory and methodology. It includes practice in coding and optimization techniques using both case studies, actual health records, computerized coding and grouping software.

HIT 2240 Professional Practice Experience II Credits: 3

TN eCampus course: This course is a study of supervisory and management functions. There is a focus on planning, organizing, staffing, directing and controlling in healthcare organizations. Special emphasis will study managerial techniques to supervise, motivate, counsel, lead, train and communicate with staff in health information services.

HIT 2250 Seminar in Health Information Technology Credits: 3

TN eCampus course: Seminar in Health Information Technology course is a capstone of research and testing based on all domains and knowledge clusters of the HIT curriculum to prepare the student for national certification.

Health Prom (TN eCampus)

HPRO 2100 Wellness Concepts and Practices Credits: 3

TN eCampus course: Stressing individual responsibility for achieving optimal well-being, this course emphasizes preventive health practices which promote healthful lifestyles and reduce risk factors associated with disease. No prerequisites. This course does not meet the new Social Sciences requirement. (Equivalent to RSCC's WELL 1010.)

Health Science (TN eCampus)

HSC 190 Introduction to Human Pathophysiology Credits: 3

TN eCampus course: This course is designed to assist the student in understanding the relationship of normal body functioning and the physiologic changes that occur as a result of disease processes, as well as how the body compensates for those changes brought about by disease. All body systems are explored.

Bus Commerce (TN eCampus)

HTL 110 **Introduction to Hospitality Industry** Credits: 3

TN eCampus course: This course provides a basic understanding of the lodging and food service industry by tracing the industry's growth and development, reviewing the organization of hotel and food and beverage operations, and by focusing on industry opportunities and future trends. (Prerequisites: None, however basic reading, writing, computer skills and study skills are necessary.) Elective Credit at RSCC.

Humanities

HUM 1010 **Introduction to Humanities I** Credits: 3

TN eCampus course: Historical approach to pivotal ideas, systems of thought, and creations of the Western world (e.g., music, drama, painting, sculpture, architecture, and literature) as reflections of the culture that produced them. No prerequisites.

HUM 1020 **Introduction to Humanities II** Credits: 3

TN eCampus course: Historical approach to pivotal ideas, systems of thought, and creations of the Western world (e.g., music, drama, painting, sculpture, architecture, and literature) as reflections of the culture that produced them. From 1600 to present.

Information Systems

INFS 1100 **Technology for Teachers** Credits: 3

TN eCampus course: This course involves exploration of terminology and procedures related to the integration of technology across the curriculum for multiple disciplines and grade levels.

INFS 113 **Visual Basic** Credits: 3

TN eCampus course: An introduction to Microsoft Visual Basic. Topics to be covered include: Object-Oriented Programming, interface design, controls, decisions, creating menus and dialog boxes, looping, arrays and accessing database files. (Prerequisites: Completion of a basic computer literacy course (e.g., INFS 1010) or permission of instructor. Must also work well independently, be self-motivated, computer savvy, and have the ability to troubleshoot computer problems. Any computer programming experience is helpful, but not necessary.)

INFS 173 **Programming in C#** Credits: 3

TN eCampus course: An introduction to Microsoft C#. Topics to be covered include: Object Oriented Programming, interface design, controls, decisions, creating menus and dialog boxes, looping, arrays and accessing database files. (Prerequisites: basic computer literacy course or permission of instructor.)

INFS 186 **Database Programming** Credits: 3

TN eCampus course: This course enables students to develop database applications using Microsoft Access. Subsequent to a brief survey of relational database techniques and methods, the emphasis will be on developing the necessary skills to design, create, and implement user-friendly front ends for relational databases. Using a database engine such as Microsoft Access, the course will concentrate on data modeling, database design including normalization, developing user-friendly forms and reports, and developing queries using SQL.

INFS 191 **A+Hardware Certification Training** Credits: 3

TN eCampus course: This course is an introduction to microcomputer hardware installation, maintenance, repair and troubleshooting. Students will learn the processes and procedures for supporting microcomputer hardware in a business environment. This course is designed to assist the student in taking the CompTIA A+ hardware certification examination.

Information Systems Technology

IST 2630 **Web Page Development and Design** Credits: 3

TN eCampus course: This course will cover the fundamental concepts of the Internet and World Wide Web, including how the Internet works, protocols and services, addressing and routing in the Internet. Students will design and create web pages using web page editing/publishing software and edit graphic images for web pages using image editing software. Use of simple Java applets will be covered and some basic Javascript scripts will be written for web pages if time permits. (Prerequisite: INFS 1010)

Mathematics

MATH 0810 **Math Learning Support 1** Credits: 3

TN eCampus course: MATH 0810 covers the five TBR approved Mathematics Learning Support Competencies: MLS1-Real Number Sense and Operations, MLS2-Operations with Algebraic Expressions (including polynomials), MLS3-Analyze Graphs, MLS4-Solve Equations (emphasis on linear equations/inequalities), and MLS5-Modeling and Critical Thinking. This is an instructor led self-paced course. Mastery of each competency is required to progress from one competency to the next. The modules that must be worked are determined by the scores on the diagnostic exam for each module. Student MUST be enrolled in MATH 1530 Statistics at the same time. Students who complete all of the MATH Learning Support competencies will earn a passing grade. MATH 0810 does not satisfy graduation requirements. (Co-requisite: MATH 1530) Not a part of a TN Transfer Pathway.

MATH 0820 Math Learning Support B Credits: 2

TN eCampus course: MATH 0820 is for students who need to complete two of the above MLS Competencies. Student MUST be enrolled in MATH 1530 Statistics at the same time. Students who complete all of the MATH Learning Support competencies will earn a passing grade. MATH 0820 does not satisfy graduation requirements. (Co-requisite: MATH 1530)

Not a part of a TN Transfer Pathway.

MATH 0830 Math Learning Support C Credits: 1

TN eCampus course: MATH 0830 is for students who need to complete one of the above MLS Competencies. Student MUST be enrolled in MATH 1530 Statistics at the same time. Students who complete all of the MATH Learning Support competencies will earn a passing grade. MATH 0830 does not satisfy graduation requirements. (Co-requisite: MATH 1530)

Not a part of a TN Transfer Pathway.

MATH 1005 Algebra Essentials Credits: 3

TN eCampus course: This course includes operations with polynomials, analysis of quadratic functions and graphs, solving quadratic equations, and other types of functions. The course is designed to prepare the student for algebra intensive courses. Equivalent to MATH 1000. NOT a part of a TN Transfer Pathway.

MATH 1710 Pre-Calculus Credits: 3

TN eCampus course: This course is a study of the algebra necessary to prepare students for Calculus. Topics covered will include polynomial, rational, exponential, and logarithmic functions; systems of equations and inequalities; matrices and determinants; the binomial theorem; and an introduction to sequences and series. (Prerequisites and Corequisites: Two years of high school algebra and an acceptable placement score into collegiate mathematics or successful completion of Math Learning Support.) This course along with MATH 1720 is equivalent to RSCC's MATH 1730.

Part of a TN Transfer Pathway

MATH 2810 Discreet Structures and Math Reasoning Credits: 3

TN eCampus course: This course uses set theory and logic, along with basic discrete structures, to develop skills in mathematical reasoning and applications. Number theory, modular arithmetic functions, matrices and graphs are used to develop skills in reading and writing formal proofs, invalidating arguments, and discovering counter examples. (Prerequisites: MATH 1910, MATH 1920, and a course in Linear Algebra or Matrix Theory) Equivalent to RSCC's MATH 2100.

Medical Transcription

MDT 2100 Photoshop Essentials Credits: 3

TN eCampus course: Now MDTC 2100

Media Digital Tec (TN eCampus)

MDTC 2100 Photoshop Essentials Credits: 3

TN eCampus course: This course introduces photo editing, image enhancement, workflow, color management, and best practices using Adobe Photoshop. The course also focuses on related software with images from professional digital cameras and other digital images. Documents created in class will be optimized for the web, print and multimedia uses. Students will complete a variety of tutorials as well as create personal projects. (Prerequisite: COM 1000)

Philosophy

PHIL 210 Introduction to Philosophy Credits: 3

For more information regarding this course, please visit the TN eCampus webpage: www.roanestate.edu/?424-TN-eCampus

PHIL 2430 Philosophy of Religion Credits: 3

TN eCampus course: Philosophical examination of religion; issues include the existence and nature of God, relationship between faith and reason, and challenges to religious belief. (Prerequisite: ENGL 1010)

Physics

PHYS 1030 Physics Credits: 4

TN eCampus course: This is a one-semester introductory physics course for non-science and non-engineering majors. Emphasis is placed on understanding the nature of physics and applying basic physics concepts in one's everyday life experience and work. The use of mathematics is limited to basic algebraic manipulations required to understand and apply physics concepts. Topics covered include mechanical motion, energy, temperature and heat, fluids, electricity, magnetism, and wave motion. (3 hours lecture, 3 hours laboratory) Elective Credit at RSCC.

Political Science

POLS 1020 Introduction to Political Science Credits: 3

TN eCampus course: Analysis of politics and political systems in various countries. Students will acquire a general understanding of the key concepts and ideas upon which different systems of government are based.

POLS 1501 **Introduction to International Relations** Credits: 3

TN eCampus course: This course is designed to provide you with a broad introduction to International Relations (IR). This course will introduce you to the fundamental approaches to studying IR and will consider how each approach treats selected aspects of current international politics. (Prerequisites: None; however, students must be able to read and write at the college level.)

Physical Science (TN eCampus)

PSCI 1010 **Survey of Physical Sciences I** Credits: 4

TN eCampus course: Designed for the non-science major to partially fulfill general education requirements in the physical sciences. Several TBR schools use the course to fulfill general education requirements in the laboratory based physical sciences. This course includes a study of three fundamental components of the physical sciences, Newtonian mechanics; linear motion, momentum, energy, gravity, and satellite motion; fluid mechanics; thermodynamics including thermal energy and heat transfer; electricity, magnetism; waves, sound and light waves, the properties of light; and atomic structure to establish a base in which the non-science student can view nature more perceptively. It is designed to correct a missing essential in the sciences, the practice of conceptualizing before calculating.

PSCI 1020 **Survey of Physical Sciences II** Credits: 4

TN eCampus course: The second course of a two semester sequence designed for the non-science major to fulfill general education requirements in the laboratory based physical sciences. This course includes a study of three fundamental components of the physical sciences: Chemistry - structure of the atom, the atomic nucleus, periodic table, chemical bonding, chemical reactions, acids, bases, molecular mixing, and organic chemistry. Earth Science - Rocks, minerals, Earth's internal properties, water, surface properties, the atmosphere, oceans, and the weather. Astronomy - Our solar system and the relation to the universe.

This course is designed to correct a missing essential in the sciences: the practice of conceptualizing before calculating.

Psychology

PSYC 223 **Psychology of Aging** Credits: 3

TN eCampus course: This course focuses on current research associated with aging by exploring recent changes in demography and subsequent individual behavior. Emphasis is on positive aging which explores the psychological factors, individual traits, and social and community resources integral to living and functioning optimally in old age.

Reading

READ 0810 **Reading Learning Support** Credits: 3

TN eCampus course: This course covers the TBR approved Reading Learning Support Competencies: Competency Level 1 and Competency Level 2 Each competency consists of six skills and/or strategies: Main Idea, Supporting Details, Organization/Relationships, Vocabulary Development, Critical Reading/Logic, and Strategic Reading. This is an individualized course with early exit possible. Mastery of Competency Level 1, which requires students to demonstrate mastery on passages with a readability level of 9-10th, is required to progress to Competency Level 2, which requires students to demonstrate mastery of uncomplicated college entry-level passages. Students must show competency in both TBR approved reading competencies before enrolling in college level reading-intensive courses. Student MUST be enrolled in SPCH 1010 Speech at the same time. Students who complete all of the Reading Learning Support competencies will earn a passing grade. READ 0810 does not satisfy graduation requirements. (Co-requisite: SPCH 1010)
Not a part of a TN Transfer Pathway.

READ 0820 **Reading Learning Support B** Credits: 2

TN eCampus course: This course covers the TBR approved Reading Learning Support Competencies: Competency Level 1 and Competency Level 2. Each competency consists of six skills and/or strategies: Main Idea, Supporting Details, Organization/Relationships, Vocabulary Development, Critical Reading/Logic, and Strategic Reading. This is an individualized course with early exit possible. Mastery of Competency Level 1, which requires students to demonstrate mastery on passages with a readability level of 9-10th, is required to progress to Competency Level 2, which requires students to demonstrate mastery of uncomplicated college entry-level passages. Students must show competency in both TBR approved reading competencies before enrolling in college level reading-intensive courses. Student MUST be enrolled in SPCH 1010 Speech at the same time. Students who complete all of the Reading Learning Support competencies will earn a passing grade. READ 0820 does not satisfy graduation requirements. (Co-requisite: SPCH 1010)
Not a part of a TN Transfer Pathway.

Sociology

SOCI 1120 **Introduction to Cultural Anthropology** Credits: 3

TN eCampus course: This course introduces the study of human culture. It gives an overview of different aspects of social life and introduces problems that are most often addressed by anthropologists, such as beliefs and practices, political organization, forms of kinship, economy, subsistence and conflict. (Prerequisites: All developmental courses in reading and writing/composition must be completed)

SOCI 2010 **Marriage and Family** Credits: 3

TN eCampus course: An overview of the effects of societal change on marital and non-marital relationships. Topics include premarital dynamics, singles, dual career families, family violence, and divorce.

SOCI 217 **Sociology of Aging** Credits: 3
 TN eCampus course: This course is a general course in social gerontology with an emphasis on the aging process and the problems of the aged.

SWRK - Social Work

SWRK 245 **Introduction to Counseling** Credits: 3
 TN eCampus course: Comparative analysis of major theoretical approaches to counseling and psychotherapy practice; psychodynamic, behavioral, cognitive behavioral, gestalt, transactional analysis, rational-emotive therapy and systems theory.

Technology (TN eCampus)

TELC 2007 **Adolescent Learners** Credits: 3
 TN eCampus course: This course focuses on psychological theories related to adolescent cognitive, social and physical development. Adolescents are experiencing a myriad of changes. A better understanding of these changes will help educators plan and implement appropriate lessons, activities, lectures, assignments, and teaching strategies. Issues relevant to intellectual development, socialization, and educational evaluation are examined. Additionally, teacher variables and student variables in the instructional process are explored. Students should be able to apply their knowledge in a variety of settings with a multicultural perspective. No prerequisites.

TELC 2008 **Facilitating Learning through Assessment and Evaluation** Credits: 3
 TN eCampus course: This is a course to train teachers to integrate classroom assessment into instructional planning to improve student learning. The course discusses methods for planning assessments that are integrated with instruction, crafting assessment tools, crafting scoring rubrics, grading and evaluating students, assessing higher-order thinking, interpreting state-mandated and other standardized test scores, and aligning assessment with state standards. The course also discusses attributes of assessment practices such as reliability and validity.

TELC 2009 **Managing the Learning Environment in Schools** Credits: 3
 TN eCampus course: This class is designed for the beginning teacher to get started. It focuses on planning, organizing and interacting with your students. The student will complete a series of lessons, assignments, discussions, as well as quizzes and tests. No prerequisites.

TELC 2010 **Survey of Exceptionalities and Diversity** Credits: 3
 TN eCampus course: This course will enable instructors to identify psychological, physical, educational, medical, behavioral and learning characteristics and needs of individuals with various disabilities, as well as working with students from diverse cultural, social, ethnic and racial backgrounds. It will also include information regarding the modification and adaptation of instruction as it relates to ADA in order to fit individual needs and learning styles. This course will also enable the instructor to develop individualized educational programs with the principles of normalization and the least restrictive environment. No prerequisites. Elective credit at RSCC.

TELC 2011 **Teaching and Learning with Technology in School Settings** Credits: 3
 TN eCampus course: This course will address the 'Tennessee Statement of Education Teacher Licensure Standards for Professional Education.' This course, 'Teaching and Technology,' will assist instructors in examining various issues related to teaching with Internet technology and resources, as well as, learning to evaluate and integrate this technology into 'teaching' and 'learning' online and on-ground. In addition, this course will assist instructors in locating curriculum resources that will support and enhance instruction. No prerequisites. Elective Credit at RSCC.

TELC 2012 **Teachers as Agent of Change in Schools** Credits: 3
 TN eCampus course: Teachers as Agents of Change is designed for those students working in a public school environment on the Professional Occupational or Alternative C License. The course is designed to provide an overview of current issues, trends, and problems that are commonplace to teaching in public school settings. Students will engage in analytic learning experiences which focus on: a) teaching in urban, suburban, and rural settings, b) meeting the needs of diverse student populations, c) historical, sociological, and philosophical aspects of education in a diverse society, d) legal, financial, equality/inequality of access and resources, e) governance issues related to public schooling in the U.S., f) developing knowledge and skills regarding professionalism, national and state initiatives, effective teaching, and licensure, and g) action research to improve current practice. No prerequisites.

TELC 2013 **Adult Learners** Credits: 3
 TN eCampus course: This course focuses on Adult Learners and the adult learning process, how they learn best and the classroom format that best relates to them. A better understanding by teachers of adult learners will help them plan and implement appropriate lessons, activities, lectures, assignments, and teaching strategies. Issues relevant to adult learning theories, classroom motivation, addressing learning issues and the 'best practice' learning techniques will be examined. Additionally, variables in the instructional process are explored. Students should be able to apply their knowledge in a variety of educational settings with a multicultural perspective.

TELC 2014 **Managing the Learning Environment in Post-Secondary Settings** Credits: 3

TN eCampus course: This course will provide the use of appropriate knowledge and skills for managing the total learning environment in the post-secondary technical settings; emphasis on development of skills that facilitate effective teaching through appropriate management techniques and the involvement of business leaders and community members. (Assignments, activities, projects, content modules, and highly interactive discussion boards will provide learning opportunities in an on-line setting.)

TELC 2015 **Survey of Exceptionalities and Diversity for Post-Secondary School** Credits: 3

TN eCampus course: This course will enable instructors to identify psychological, physical, educational, medical, behavioral and learning characteristics and needs of individuals with various disabilities, as well as working with students from diverse cultural, social, ethnic and racial backgrounds. It will also include information regarding the modification and adaptation of instruction as it relates to ADA in order to fit individual needs and learning styles. This course will also enable the instructor to develop individualized educational programs with the principles of normalization and the least restrictive environment.

Web Technol (TN eCampus)

WEB 2120 **Audio/Video for the Web** Credits: 3

TN eCampus course: This course is designed to familiarize students with the technologies associated with bringing photographic (film, video and still) images and audio to the Internet environment and enable them to identify and use the tools which facilitate these media in Web sites. Appropriate media selection, software tools for encoding various media, delivery system attributes and limitations, associated file types, audio and video codecs and software players will be discussed. Students will learn to prepare aural and visual media for the web by creating and encoding assigned projects. Students will learn to design for and solve problems with the integration of audio and video media into pre-existing web sites. (Prerequisites: COMN 1000--Beginning HTML (NSTCC).)

WEB 2400 **Project Management for the Web** Credits: 3

TN eCampus course: This course is designed help students define the scope of projects; identify stakeholders, decision makers, and escalation procedures; develop detailed task lists; estimate time requirements; develop flow charts; identify required resources and budgets; evaluate project requirements; identify and evaluate risks; prepare contingency plans; identify interdependencies; identify and track critical milestones; participate in project phase review; secure needed resources; manage the control process; and report project status.

WEB 2812 **Advanced Web Page Site Design** Credits: 3

TN eCampus course: This problems-oriented course will teach the use of dynamic graphics elements to enhance web pages and sites. Advanced concepts in page layout and site optimization will be studied with emphasis on principles used to craft dynamic web pages that get noticed. Exercises and projects will allow students to apply the principles of web design to their own sites that will be created in the course. (Prerequisites: A practical knowledge of how the Internet operates, HTML code, graphic formats, web site building, web page design, and an introductory knowledge of a computer graphics program -- these skills can be obtained through the course COMN 1000--Beginning HTML (NTSCC).)

Web Technology

WEBT 1310 **Web Page Application** Credits: 3

TN eCampus course: A study of various applications available for the support of web pages. Topics covered will include web page multimedia design and the enhanced use of scripting. The latest techniques of web page design technology will be emphasized. (Prerequisites: A basic working knowledge of the Windows operating system, the Internet and Microsoft Front Page.) (Formerly CIS 264)

Women's Stud (TN eCampus)

WMST 2010 **Introduction to Women's Studies** Credits: 3

TN eCampus course: The course is an interdisciplinary approach to the study of women's social identity and placement throughout history and the world. Theoretical perspectives and research from sociology, psychology, biology, and anthropology are used to understand how gender shapes our lives on individual, cultural, and societal levels. Areas of study emphasize the role of gender in social institutions including family, workplace, education, religion, media, and politics. (Prerequisites: ENGL 1010)

Publication Statement

Weapons on Campus (felony)

State law prescribes a maximum penalty of six (6) years imprisonment and a fine not to exceed three thousand dollars (\$3,000) for carrying a weapon on school property. "A...state or federal government entity or agent thereof is authorized to prohibit possession of weapons by any person at meetings conducted by, or on the premises owned, operated, managed or under control of such...government entity." (TCA §39-17-1309).

Smoking & Tobacco Products Use – RSCC Policy GA-21-01

Roane State Community College has established, as allowed by legislation, a policy on smoking and use of tobacco products on campus. This policy is as follows:

1. Smoking is permitted outside of buildings in designated locations. Appropriate signage and ash urns will be provided at these locations. Smoking is not permitted within fifteen (15) feet of any building entrance except where physical layout does not permit.
2. Smoking or use of other tobacco products is prohibited inside any building or college vehicle.
3. Enforcement of this policy for staff will be the primary responsibility of supervisors. Security officers/guards will be responsible for enforcement at public events. Student offenders will be referred to the Assistant Vice President of Student Services/Dean of Students if disciplinary action is deemed necessary. All college personnel have the authority to enforce this policy.
4. This policy will be widely communicated through standard institutional communication channels.

Drug Free Environment – RSCC Policy GA-21-03

Roane State Community College supports the provisions of the Drug Free Workplace Act of 1988 (41 U.S.C. 701, et.seq.) and the Drug-Free Schools and Communities Act Amendments of 1989 (20 U.S.C 3171, et. seq.). Full details of this law and its provisions can be found at www.roanestate.edu/deanofstudents.

Sexual Harassment – RSCC Policy PA-02-01

Sexual harassment and racial harassment have been held to constitute a form of discrimination prohibited by Title VII of the Civil Rights Act of 1964, as amended and Title IX of the Educational Amendments of 1972. The institution may be held liable pursuant to Title VI or Title VII and/or lose federal funds pursuant to Title IX for failure to properly investigate and remedy claims of sexual or racial harassment. For the complete Harassment policy, visit www.roanestate.edu/deanofstudents.

For more information you can also call toll free 1-866-462-7722 ext. 4550 or 865-882-4550.

Roane State Community College is one of 46 institutions in the Tennessee Board of Regents system, the seventh largest system of higher education in the nation. The Tennessee Board of Regents is the governing board for this system, which is comprised of six universities, thirteen two-year colleges, and twenty-six Tennessee Technology centers. The TBR system

enrolls more than 80 percent of all Tennessee students attending public institutions of higher education.

Roane State Community College is a TBR and AA/EEO employer and does not discriminate against students, employees, or applicants for admission or employment on the basis of race, color, religion, creed, national origin, sex, sexual orientation, gender identity/expression, disability, age, status as a protected veteran, genetic information, or any other legally protected class with respect to all employment, programs and activities sponsored by Roane State. The following person has been designated to handle inquiries regarding nondiscrimination policies: Odell Fearn, Director of Human Resources/Affirmative Action, humanresources@roanestate.edu, 276 Patton Lane, Harriman, TN 37748, (865) 882-4679. The Roane State policy on nondiscrimination can be found at www.roanestate.edu/nondiscrimination.

The institution complies with Titles VI, VII and IX, the Americans with Disabilities Act, the Rehabilitation Act of 1973 and all other applicable federal, state and local statutes.

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