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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.

Campus Locations

Main Campus Roane County	276 Patton Lane 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	632 North Main Street 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
Scott County Center	410 W.H. Swain Boulevard Huntsville, TN 37756 (423) 663-3878 1-866-GO2-RSCC ext. 4694

Academic Calendar

ACADEMIC CALENDAR - Fall Semester 2008

Full Term

Web Registration Begins	Monday	April 7
Faculty Report	Monday	August 18
Freshman Experience	Thursday	August 21
Last Day for 100% Refund for Full Term	Sunday	August 24
Classes Begin	Saturday	August 23
Last Day to Add Classes or Register Late	Thursday	August 28
Last Day to Change from Audit to Credit	Thursday	August 28
Labor Day Holiday	Monday	September 1
Last Day for 75% Refund for Full Term	Saturday	September 6
Graduation Applications for Fall Due	Monday	September 8
Last Day for 25% Refund for Full Term	Thursday	September 18
Graduation Applications for Spring/Summer Due	Friday	October 10
Fall Break	Monday-Tuesday	October 13-14
Last Day to Withdraw from Classes	Friday	October 31
Last Day to Change from Credit to Audit	Friday	October 31
Thanksgiving Holiday	Thursday-Sunday	November 27-30
Last Day of Classes	Monday	December 8
Examination Period	Tuesday-Thursday	December 9-11
Grades Due - Noon	Friday	December 12
Accelerated Terms (Five Weeks)		
Last Day for 100% Refund for Term I	Monday	August 25
Term I Begins	Tuesday	August 26
Last Day for 75% Refund for Term I	Friday	August 29
Labor Day Holiday	Monday	September 1
Last Day for 25% Refund for Term I	Tuesday	September 2
Last Day to Withdraw from Term I	Monday	September 15
Term I Ends	Thursday	September 25
Last Day for 100% Refund for Term II	Monday	September 29
Term II Begins	Tuesday	September 30
Last Day for 75% Refund for Term II	Friday	October 3
Last Day for 25% Refund for Term II	Tuesday	October 7
Fall Break	Monday-Tuesday	October 13-14
Last Day to Withdraw from Term II	Tuesday	October 21
Term II Ends	Tuesday	November 4
Last Day for 100% Refund for Term III	Tuesday	November 4
Term III Begins	Wednesday	November 5
Last Day for 75% Refund for Term III	Saturday	November 8
Last Day for 25% Refund for Term III	Wednesday	November 12
Thanksgiving Holiday	Thursday-Sunday	November 27-30
Last Day to Withdraw from Term III	Friday	November 28
Term III Ends	Thursday	December 11

8 Week Classes

Classes Begin	Monday	August 25
Classes End	Tuesday	October 14

Accelerated, 8 Week and weekend classes observe the same holidays and breaks as Full Term Classes.

Please refer to the RSCC web site for specific dates of each accelerated class. Keyword: MGT

ACADEMIC CALENDAR - Spring Semester 2009

Full Term

Web Registration Begins	Monday	November 10, 2008
Faculty Report	Thursday	January 8
Last Day for 100% Refund for Full Term	Wednesday	January 14
Classes Begin	Thursday	January 15
Martin Luther King Holiday	Monday	January 19
Last Day to Add Classes or Register Late	Wednesday	January 21
Last Day to Change from Audit to Credit	Wednesday	January 21
Last Day for 75% Refund for Full Term	Thursday	January 29
Last Day for 25% Refund for Full Term	Tuesday	February 10
Spring Break	Monday-Sunday	March 9-15
Last Day to Withdraw from Classes	Friday	March 27
Last Day to Change from Credit to Audit	Friday	March 27
Academic Festival	Thursday-Friday	April 2-3
Good Friday Holiday	Friday	April 10
Last Day of Classes	Monday	May 4
Examination Period	Tuesday-Thursday	May 5-7
Grades Due - Noon	Friday	May 8
Graduation	Friday-Saturday	May 8 & 9

Accelerated Terms (Five Weeks)

Last Day for 100% Refund for Term I	Wednesday	January 14
Term I Begins	Thursday	January 15
Last Day for 75% Refund for Term I	Sunday	January 18
Last Day for 25% Refund for Term I	Friday	January 23
Last Day to Withdraw from Term I	Friday	February 6
Term I Ends	Wednesday	February 18
Last Day for 100% Refund for Term II	Wednesday	February 18
Term II Begins	Thursday	February 19
Last Day for 75% Refund for Term II	Sunday	February 22
Last Day for 25% Refund for Term II	Thursday	February 26
Spring Break	Monday-Sunday	March 9-15
Last Day to Withdraw from Term II	Tuesday	March 17
Term II Ends	Wednesday	April 1
Last Day for 100% Refund for Term III	Wednesday	April 1
Term III Begins	Thursday	April 2
Last Day for 75% Refund for Term III	Sunday	April 5
Last Day for 25% Refund for Term III	Thursday	April 9
Good Friday Holiday	Friday	April 10
Last Day to Withdraw from Term III	Friday	April 24
Term III Ends	Wednesday	May 6

8 Week Classes

Classes Begin	Thursday	January 15
Classes End	Wednesday	March 18

Intersession

Classes Begin	Saturday	May 10
Classes End	Saturday	May 31

Accelerated, 8 Week and weekend classes observe the same holidays and breaks as Full Term Classes.

Please refer to the RSCC web site for specific dates of each accelerated class. Keyword: MGT

Academic Calendar - Summer Semester 2009

Full Term

Web Registration Begins	Monday	April 6
Last Day of 100% Refund for Full Term	Sunday	May 31
Classes Begin	Monday	June 1

Last Day to Add Classes or Register Late	Wednesday	June 3
Last Day to Change from Audit to Credit	Wednesday	June 3
Last Day for 75% Refund for Full Term	Sunday	June 7
Last Day for 25% Refund for Full Term	Saturday	June 13
Fourth of July Holiday	Friday	July 3
Last Day to Withdraw from Classes	Monday	July 6
Last Day to Change from Credit to Audit	Monday	July 6
Last Day of Classes	Friday	July 24

First Term

Last Day for 100% Refund for First Term	Sunday	May 31
Classes Begin	Monday	June 1
Last Day for 75% Refund for First Term	Wednesday	June 3
Last Day to Add Classes or Register Late	Wednesday	June 3
Last Day to Change from Audit to Credit	Wednesday	June 3
Last Day for 25% Refund for First Term	Saturday	June 6
Last Day to Withdraw from Classes	Wednesday	June 17
Last Day to Change from Credit to Audit	Wednesday	June 17
Last Day of Classes	Friday	June 26

Second Term

Last Day for 100% Refund for Second Term	Sunday	June 28
Classes Begin	Monday	June 29
Last Day for 75% Refund for Second Term	Wednesday	July 1
Last Day to Add Classes or Register Late	Wednesday	July 1
Last Day to Change from Audit to Credit	Wednesday	July 1
Fourth of July Holiday	Friday	July 3
Last Day for 25% Refund for Second Term	Sunday	July 5
Last Day to Withdraw from Classes	Wednesday	July 15
Last Day to Change from Credit to Audit	Wednesday	July 15
Last Day of Classes	Friday	July 24

First Term Contemporary Management accelerated courses begin June 2.

Second Term Contemporary Management accelerated courses begin June 23.

Please refer to the RSCC web site for the specific dates of each accelerated class. Keyword: MGT

ACADEMIC CALENDAR - Fall Semester 2009

Full Term

Web Registration Begins	Monday	April 6
Faculty Report	Monday	August 24
Freshman Experience	Thursday	August 27
Last Day for 100% Refund for Full Term	Friday	August 28
Classes Begin	Saturday	August 29
Last Day to Add Classes or Register Late	Thursday	September 3
Late		
Last Day to Change from Audit to Credit	Thursday	September 3
Labor Day Holiday	Monday	September 7
Graduation Applications for Fall Due	Monday	September 7
Last Day for 75% Refund for Full Term	Saturday	September 12
Last Day for 25% Refund for Full Term	Wednesday	September 23
Graduation Applications for Spring/Summer Due	Friday	October 9
Fall Break	Monday-Tuesday	October 19-20
Last Day to Withdraw from Classes	Friday	November 6
Last Day to Change from Credit to Audit	Friday	November 6
Thanksgiving Holiday	Thursday-Sunday	November 26-29
Last Day of Classes	Monday	December 14
Examination Period	Tuesday-Thursday	December 15-17
Grades Due - Noon	Friday	December 18

Accelerated Terms (Five Weeks)

Last Day for 100% Refund for Term I	Monday	August 31
Term I Begins	Tuesday	September 1
Last Day for 75% Refund for Term I	Friday	September 4
Labor Day Holiday	Monday	September 7
Last Day for 25% Refund for Term I	Tuesday	September 8
Last Day to Withdraw from Term I	Monday	September 21
Term I Ends	Thursday	October 1
Last Day for 100% Refund for Term II	Monday	October 5
Term II Begins	Tuesday	October 6
Last Day for 75% Refund for Term II	Friday	October 9
Last Day for 25% Refund for Term II	Tuesday	October 13
Fall Break	Monday-	October 19-20
	Tuesday	
Last Day to Withdraw from Term II	Wednesday	October 28
Term II Ends	Tuesday	November 10
Last Day for 100% Refund for Term III	Tuesday	November 10
Term III Begins	Wednesday	November 11
Last Day for 75% Refund for Term III	Saturday	November 14
Last Day for 25% Refund for Term III	Wednesday	November 18
Thanksgiving Holiday	Thursday-	November 26-29
	Sunday	
Last Day to Withdraw from Term III	Friday	December 4
Term III Ends	Thursday	December 17

8 Week Classes

Classes Begin	Monday	August 31
Classes End	Tuesday	October 27

Accelerated, 8 Week and weekend classes observe the same holidays and breaks as Full Term Classes.

Please refer to the RSCC web site for specific dates of each accelerated class. Keyword: MGT

ACADEMIC CALENDAR - Spring Semester 2010**Full Term**

Web Registration Begins	Monday	November 9, 2009
Faculty Report	Thursday	January 7
Last Day for 100% Refund for Full Term	Wednesday	January 13
Classes Begin	Thursday	January 14
Martin Luther King Holiday	Monday	January 18
Last Day to Add Classes or Register Late	Wednesday	January 20
	Wednesday	January 20
Last Day to Change from Audit to Credit	Wednesday	January 20
Last Day for 75% Refund for Full Term	Thursday	January 28
Last Day for 25% Refund for Full Term	Tuesday	February 9
Spring Break	Monday-	March 8-14
	Sunday	
Last Day to Withdraw from Classes	Friday	March 26
Last Day to Change from Credit to Audit	Friday	March 26
Good Friday Holiday	Friday	April 2
Academic Festival		TBA
Last Day of Classes	Monday	May 3
Examination Period	Tuesday-	May 4-6
	Thursday	
Grades Due - Noon	Friday	May 7
Graduation	Friday-	May 7 & 8
	Saturday	

Accelerated Terms (Five Weeks)

Last Day for 100% Refund for Term I	Wednesday	January 13
Term I Begins	Thursday	January 14
Last Day for 75% Refund for Term I	Sunday	January 17
Last Day for 25% Refund for Term I	Friday	January 22
Last Day to Withdraw from Term I	Friday	February 5
Term I Ends	Wednesday	February 17
Last Day for 75% Refund for Term II	Wednesday	February 17
Term II Begins	Thursday	February 18

Last Day for 75% Refund for Term II	Sunday	February 21
Last Day for 25% Refund for Term II	Thursday	February 25
Spring Break	Monday-	March 8-14
	Sunday	

Last Day to Withdraw from Term II	Tuesday	March 16
Term II Ends	Wednesday	March 31
Last Day for 100% Refund for Term III	Wednesday	March 31
Term III Begins	Thursday	April 1
Good Friday Holiday	Monday	April 2
Last Day for 75% Refund for Term III	Friday	April 5
Last Day for 25% Refund for Term III	Monday	April 9
Last Day to Withdraw from Term III	Friday	April 23
Term III Ends	Wednesday	May 5

8 Week Classes

Classes Begin	Thursday	January 14
Classes End	Wednesday	March 17

Intersession

Classes Begin	Sunday	May 9
Classes End	Sunday	May 30

Accelerated, 8 Week and weekend classes observe the same holidays and breaks as Full Term Classes.

Please refer to the RSCC web site for specific dates of each accelerated class. Keyword: MGT

Academic Calendar - Summer Semester 2010**Full Term**

Web Registration Begins	Monday	April 5
Last Day of 100% Refund for Full Term	Sunday	May 30
Classes Begin	Monday	May 31
Last Day to Add Classes or Register Late	Wednesday	June 2

Last Day to Change from Audit to Credit	Wednesday	June 2
Last Day for 75% Refund for Full Term	Sunday	June 6
Last Day for 25% Refund for Full Term	Sunday	June 13
Fourth of July Holiday	Monday	July 5
Last Day to Withdraw from Classes	Tuesday	July 6
Last Day to Change from Credit to Audit	Tuesday	July 6
Last Day of Classes	Monday	July 26

First Term

Last Day for 100% Refund for First Term	Sunday	May 30
Classes Begin	Monday	May 31
Last Day for 75% Refund for First Term	Wednesday	June 2
Last Day to Add Classes or Register Late	Wednesday	June 2
Last Day to Change from Audit to Credit	Wednesday	June 2
Last Day for 25% Refund for First Term	Saturday	June 5
Last Day to Withdraw from Classes	Wednesday	June 16
Last Day to Change from Credit to Audit	Wednesday	June 16
Last Day of Classes	Friday	June 25

Second Term

Last Day for 100% Refund for Second Term	Sunday	June 27
Classes Begin	Monday	June 28
Last Day for 75% Refund for Second Term	Wednesday	June 30
Last Day to Add Classes or Register Late	Wednesday	June 30
Last Day to Change from Audit to Credit	Wednesday	June 30
Last Day for 25% Refund for Second Term	Sunday	July 4
Fourth of July Holiday	Monday	July 5
Last Day to Withdraw from Classes	Friday	July 16
Last Day to Change from Credit to Audit	Friday	July 16
Last Day of Classes	Monday	July 26

First Term Contemporary Management accelerated courses begin June 1. Second Term Contemporary Management accelerated courses begin June 22.

Please refer to the RSCC web site for specific dates of each accelerated class. Keyword: MGT

General Information

List of Academic Programs

Associate of Arts (A.A.) Degree Program

Concentrations:

Art
Computer Art & Design
English
Exercise Science/Health & Wellness
General
History
Music
Musical Theatre
Psychology
Social Science
Social Work
Sociology

Associate of Science (A.S.) Degree Program

Concentrations:

Agriculture
Art
Art Education
Biology
Business Administration
Business Education
Chemistry
Computer Art & Design
Computer Science
Early Childhood Education
Elementary Education
English
Exercise Science/Health & Wellness
Forestry
General
History
Mathematics
Music
Music Education
Musical Theatre
Physical Science
Political Science
Pre-Dentistry
Pre-Engineering
Pre-Law
Pre-Medicine
Pre-Nursing
Pre-Pharmacy
Pre-Veterinary
Psychology
Secondary Education
Social Science
Social Work
Sociology
Special Education
Theatre
Wildlife and Fisheries

Associate of Science in Teaching (A.S.T.) Degree Program

Teaching

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

Business Management Technology
Accounting Option
Business Administration Option
Business Management Option
Computer Science Option
Office Administration Option
Contemporary Management
Criminal Justice
Dental Hygiene Technology
Early Childhood Education
Environmental Health Technology
General Technology
Geographic Information Systems
Health Information Technology
Nursing (RN)
Occupational Therapy Assistant
Opticianry
Paralegal Studies
Physical Therapist Assistant
Radiologic Technology
Respiratory Therapy Technology

Technical Certificate Programs

Diagnosis & Procedural Coding
Emergency Medical Technology
Geographic Information Systems
Homeland Security
Massage Therapy
Medical Transcription
Office Information Technology
Paramedic
Pharmacy Technician
Police Management
Polysomnography

Accreditation

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

Business Management Technology

Association of Collegiate Business Schools and Programs (ACBSP)

Contemporary Management

Association of Collegiate Business Schools and Programs (ACBSP)

Dental Hygiene

Commission on Dental Accreditation of the American Dental Association

EMT-Paramedic

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

Health Information Technology

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

Massage Therapy

Commission on Massage Therapy Accreditation

Nursing

National League for Nursing Accreditation Commission

Occupational Therapy Assistant

Accreditation Council for Occupational Therapy Education

Opticianry

Commission on Opticianry Accreditation

Physical Therapist Assistant

Commission on Accreditation in Physical Therapy Education

Polysomnography

Committee on Accreditation of Polysomnographic Technologist Education (CoAPSG)

Commission on Accreditation of Allied Health Education Programs

Radiologic Technology

Joint Review Committee on Education in Radiologic Technology

Respiratory Therapy Technology

Committee on Accreditation for Respiratory Care (CoARC) and Commission on Accreditation of Allied Health Education Programs

Statement of Mission and Purpose

Roane State's vision is to enhance individual lives and the economic development of the region by serving as the higher education center of choice for its communities, bringing the highest standards of educational quality within the reach of students wherever they live and work.

Roane State Community College is a comprehensive, public, two-year postsecondary institution and a member of the State University and Community College System governed by the Tennessee Board of Regents. Roane State serves the higher education needs of a widely diverse eight-county service area which includes Roane, Anderson, Loudon, Campbell, Scott, Cumberland, Morgan, and Fentress counties and expands to include Knox and Blount counties for the delivery of health technologies. At multiple staffed teaching locations and with a wide range of distance-learning offerings, Roane State brings the benefits of higher education within the reach of all who live and work in these different communities.

Roane State awards the associate of arts and associate of science degrees to students who wish to transfer to a four-year college or university. For those students seeking immediate career opportunities, licensure, or professional skill upgrading, Roane State awards the associate of applied science degree as well as technical certificates of credit. The college offers career programs for the 21st century workplace and has achieved regional and national distinction for the diversity and quality of its programs in the field of health care. To meet the needs of students who must balance multiple career and family priorities in the pursuit of their educational goals, Roane State offers programs in flexible and convenient instructional formats and has developed cooperative partnerships with area K-12 schools, the Tennessee Technology Centers, and four-year institutions to facilitate a seamless transition through all stages of the educational process.

Roane State provides a challenging and nurturing learning environment which encourages and inspires students to meet the high expectations and standards needed for responsible citizenship and to embrace the concept of learning as a lifelong endeavor. Regardless of their program of study, Roane State students are provided a sound foundation in critical thinking, problem-solving, and communication skills and exposed to a curriculum which broadens their understanding and respect for wellness, diverse ideas and cultures, and a sense of the global community.

Through the various divisions which support its continuing education and community service mission, Roane State offers a wide array of specialized courses, programs, and services. These range from rigorous customized training for business, industry, and public service providers to offerings for cultural, aesthetic, and recreational awareness and enjoyment.

Just as Roane State values lifelong learning as the key to thriving in a complex and rapidly changing world, so too the college embraces technology as the driver which will power those changes and is committed to integrating the most efficient and effective uses of technology throughout the institution for the enhancement of learning and of service. Inside and outside the classroom, Roane State students are given a foundation in the use of technology required to succeed in 21st century society.

Roane State's success can only be measured by the success of its students and by maintaining its demonstrated reputation as a center for higher education excellence. The ongoing assessment of educational outcomes and administrative objectives and a firm commitment to the change and evolution necessary to ensure continuous improvement will enable the college to fulfill its vision for those it serves. The college community affirms as its highest values honesty and integrity, respectful communication, and a commitment to personal and professional accountability.

Roane State remains committed to the education of a non-racially identifiable student body and promotes diversity and access without regard to race, gender, religion, national origin, age, disability, or veteran status.

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.

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 is scheduled to open 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.

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 5,400 students who are enrolled for credit. In addition, more than 40,000 individuals become involved in the various non-credit courses, seminars, workshops, cultural activities, exposition events and special educational services offered by the college.

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.

Milestones

- 1974 The college was accredited by the Southern Association of Colleges and Schools to award the associate degree.
- 1976 77% of all students were taught on-campus.
- 1979 40% of all enrollment was off-campus.
- 1980-81 Roane State became the fourth-largest Tennessee community college.
- 1981 The governor stated that Roane State Oak Ridge and State Technical Institute at Knoxville should share a location on the Technology Corridor.
- 1981-82 Roane State became the third-largest Tennessee community college, by FTE.
- 1983-84 Women's basketball team won the national championship, the first for a two-year Tennessee college.
- 1985-86 Roane State became the second-largest Tennessee community college with 40% of its enrollment off-campus.
- 1989 All faculty and staff offices were equipped with a personal computer or terminal.
- 1989-90 Roane State became the first college in Tennessee to have electronic telephone registration.
- 1990-91 RSCC has more health science programs than any other two-year college in Tennessee.
- 1990-91 The college won the AACJC Exemplary Program and Services Award for Excellence of Off-campus Higher Education Centers.
- 1991-92 Telecourse programming began with two video courses in the fall and three more in the spring. A total of 250 students enrolled.
- 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.
- 1994-95 E-mail access became available to all RSCC students.
- 1996-97 The Tamke-Allan Observatory was completed in June on the Schweinler property overlooking Watts Bar Lake.
- 1996-97 RSCC offered its first classes on the World Wide Web.
- 2005-06 For an unprecedented fourth year, RSCC earned a perfect 100 points on the THEC Performance Funding Program evaluation.
- 2005-06 Career education programs had a 96% placement rate.
- 2005-06 RSCC students rated their entire educational experience higher than state or national peers.
- 2005-06 All former past presidents came "home" to kick off the college's celebration of 35 years of academic excellence.
- 2006-07 Over \$14 million was awarded in student financial aid.

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.) or Associate of Arts (A.A.) 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.

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

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.

Campus-Wide ID (CWID) – A unique computer generated student identification number.

Developmental Studies – Foundation courses in English, math,

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

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.

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.

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

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

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

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.

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

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

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.

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 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 Office.

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 Admissions Office at (865) 882-4523 or 1-866-GO2-RSCC, ext. 4523. College tours may be scheduled at the Admissions 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 GED high school equivalency diploma and submit to the Admissions Office an official high school transcript or an official copy of GED 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 ed diploma or certificate of attendance DOES NOT meet this requirement.
2. Students must file an application for admission and submit a non-refundable application fee of \$10. 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 or provide proof of two doses of Measles, Mumps, and Rubella (MMR) vaccines if born in or after 1957.
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 GED certificate.

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

Admissions 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 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, counseling, and registration.

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.

General Student Classifications

Degree 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 application for admission and non-refundable \$10 application fee.
2. Submit official high school transcripts or official copy of GED scores. Transcripts must be mailed directly to the Admissions 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 Office.) Students unable to provide a satisfactory secondary school credential may substitute acceptable GED 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. Students 21 years of age and older may choose to take the ACT and be placed according to the above-mentioned guidelines. 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 placement.
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 remedial or developmental courses.
6. Placement in DSPS 0800 College Success Strategies is required for students who are placed in at least two subjects at the remedial or developmental level. Beyond this mandatory placement, students with a deficiency have the option to elect placement in College Success Strategies. Course enrollment is limited to students in these categories.

ACT English*	19-Above	Place in College English	ENGL 1010
	15-18	Place in Developmental Writing	DSPW 0800
ACT Math*	1-14	Place in Remedial Writing	DSPW 0700
	19-Above	Place in College Level Math	DSPM 0850
	17-18	Place in Intermediate Algebra	DSPM 0800
ACT Reading	15-16	Place in Elementary Algebra	DSPM 0700
	1-14	Place in Remedial Math	
	19-Above	Place in College Level Courses	
	12-18	Place in Developmental Reading	DSPR 0800
	1-11	Place in Remedial Reading	DSPR 0700

*SAT English 460-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 and non-refundable \$10 application fee.
2. Transcripts from all previously attended institutions should be mailed directly to the Records & Registration Office. Transcripts are not accepted from students. An evaluation of college credit will be completed. An official high school transcript or GED scores must also be submitted.
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. Remedial/Developmental 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 semester (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. There is no application fee charged under this category. (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 Developmental Studies 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 new 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 Admissions Office no later than 45 days prior to the beginning date of the term the applicant wishes to enroll.

1. Application for admission with a non-refundable \$10 application fee.
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 \$17,000. (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 Admissions 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. Sign Hepatitis B immunization waiver form.

All international students applying for admission pursuant to a student visa shall submit a certificate from a licensed physician or other qualified medical authority verifying freedom from tuberculosis within thirty (30) days from the first day of classes. Failure to submit such certification shall result in denial of further enrollment or admission. In the event that a student either has tuberculosis or has potential tuberculosis requiring medical treatment, continued enrollment will be

conditioned upon the determination by a licensed physician that further enrollment does not present a risk to others and upon the student's compliance with any prescribed medical treatment 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 Admissions Office 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 Admissions.

Non-Degree 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 Records and Registration 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, and Dual Enrollment Students (High School Students).

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 submit a special program application. No placement assessment is required of these programs except the Paramedic and the Diagnosis and Procedural Coding programs. 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 along with a non-refundable \$10 application fee.
2. Submit an official copy of high school transcript or GED scores or college transcript.

NOTE: The high school transcript must be a regular or honors diploma. A special ed diploma or certificate of

attendance **DOES NOT** meet this requirement.

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 and pay the non-refundable \$10 application fee.
2. Provide a letter of good standing from his/her institution verifying enrollment in a degree program in lieu of college transcript. Students planning to take college level math, English or a science course with prerequisite requirements must submit an official college transcript.

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 audit:

1. Student should submit an application for admission with non-refundable \$10 application fee.
2. Some disabled or elderly students may qualify for a special fee rate. Proof of age may be required by the Records and Registration Office. For more information regarding fees for disabled and senior citizens, refer to Business Information. **NOTE:** Remedial or developmental level 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 Non High School School Graduate, High School Graduate, Student with Previous College Credit, and College Graduate.

Non High School Graduate

1. Applicant who has passed his/her 18th birthday and who does not have a regular high school diploma or GED and who wishes to pursue the GED through developmental studies instruction.
2. Students 21 or older who have not earned a high school diploma and not currently enrolled in high school.

To enroll:

1. Submit an application for admission and non-refundable \$10 application fee.
2. Undergo placement assessment.
3. Take the prescribed remedial and developmental courses only.

Student may change to degree-seeking status by successfully completing the GED and completing a change of status form.

High School Graduate

Applicant who has earned a regular high school diploma or GED may enroll in any course except college-level math, English, or one that has college-level math or English prerequisites. 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 and non-refundable \$10 application fee. (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 and non-refundable \$10 application fee.
2. Undergo placement assessment if enrolling in math or English courses unless student has already completed college-level math or English.

College Graduate

An applicant who has earned a college degree may enroll in college courses without regard to course prerequisite requirements. An application for admission with a non-refundable \$10 application fee should be submitted.

Dual Enrollment Students (High School Students)

Dual Enrollment Program (High School Students)

Students who have completed their sophomore year in high school and meet the criteria for Dual Enrollment may earn college credit while still in high school. Two options are available:

- Dual Enrollment—Allows students to enroll in classes that award both high school and college credit.
- Joint Enrollment—Allows high school student to enroll in college classes and earn college credit only.

To enroll as a Dual Enrollment student applicants should:

1. Submit a Tennessee Dual Enrollment Grant form AND an online application for admission to the Admissions Office.
2. Have permission of high school principal, counselor and parent.
3. Have a 3.0 GPA or better on a 4.0 scale or 2.75 on a 5.0 scale.
4. Submit high school transcript with ACT scores. ACT subscores in English, mathematics and reading must be 19 or higher.
5. Courses satisfactorily completed will count as credit for those who submit a high school transcript showing evidence of high school graduation. Dual Enrollment students must submit a high school transcript verifying high school graduation as well as a change of status/major form prior to enrolling as degree students.

To enroll in Dual Enrollment coursework students should contact the high school guidance counselor. NOTE: procedure changes in the Dual Enrollment option are ongoing. Please contact the Coordinator of Dual Studies at Roane State for current information, 865-882-4504.

Academically Gifted Student (High School Students)

A student in grade 9, 10, 11 or 12 who has been classified as "academically gifted" by evaluation through the multi-disciplinary team process may earn college credit while in high school. To enroll as an Academically Gifted student applicants should:

1. Submit an Academically Gifted application, an application for admission and a non-refundable \$10 application fee.
2. Have a grade-point average of 3.2 or better on a 4.0 scale.
3. Have approval of the high school principal and the Director of Admissions.
4. Enroll only in those courses designated in the student's Individual Education Program (IEP) developed by the multi-disciplinary team. 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 Admissions before registration will be allowed.
5. Submit high school transcript. If home-schooled, the Admissions office should be contacted for instructions for the academically gifted classification.

Natural/Physical Science II	BIOL 2010 ASTR 1010
Social Studies	BIOL 1120, 2020 CHEM 1000, 1020, 1120 GGY 102 GEOL 1050 PHYS 2020 GGY 201 HIST 1010 PSY 110 SOC 201, 211 HIST 2010, 2020
U.S. History	FREN 1010
Foreign Language I	SPAN 1010 GERM 1010
Foreign Language II	FREN 1020 SPAN 1020 GERM 1020
Visual/Performing Arts	SPCH 201, THEA 1030 ART 101, 102, 1030, 111, 112, 113, 114, 131, 141, 142, 201, 202, 203, 211, 212 MUS 1030, 140, or any three classes chosen from the Applied Music Individual Instruction, Ensembles or Class Instruction categories*. *NOTE: See the RSCC course descriptions for a complete list.

NOTE: Entrance deficiencies in English, Algebra I and II will be handled through mandatory assessment, placement and removal of deficiency at the remedial or developmental level.

Admission Requirements

To enroll in a transfer program leading to an associate of arts or an associate of science degree, and eventually a bachelor's degree, the Tennessee State Board of Regents requires the completion of specific high school courses.

All applicants who graduated from a high school or home school in or subsequent to 1989 must meet the following requirements in addition to those listed in the student's selected program of study. Applicants who received a GED certificate in 1989 and thereafter as well as students who have an Enhanced ACT Composite score of 26 or higher are considered to have met all high school unit requirements except those in foreign language and visual/performing arts.

English	Units 4
Mathematics (1 of each)	3
Algebra I and II	
Geometry or other advanced math with Geometry component	
Natural/Physical Science	2
At least 1 unit must be Biology I or II, Biology for Technology, Chemistry I or II, Physics, or Principles of Technology II	
U.S. History	1
Social Studies	1
Foreign Language	2
Visual/Performing Arts	1

Applicants who are found to be deficient in any of the above areas may be admitted on a provisional basis. Questions regarding this policy should be forwarded to the Records and Registration Office.

Removal of Entrance Deficiencies

Students with academic deficiencies will be notified by the Records and Registration Office.

Requirement	Course Needed
English	*See note
Algebra I and II	*See note
Geometry or other advanced math with geometry component	MATH 0990
Natural/Physical Science I	BIOL 1110

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.

- 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.

In-state applications can be obtained from the Records and Registration Office or at any Roane State location. All questions should be directed to the Records and Registration Office.

* 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 all previously taken RSCC 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 computation and will no longer apply toward the fulfillment of any college requirement.

Student Requirements

- Separation from all colleges or universities for a minimum of four complete calendar years.
- At the time of readmission or admission as a degree student, a formal application should be filed with the Records and Registration Office requesting Academic Fresh Start. Forms are available in the Records and Registration Office.
- The student must accumulate 18 semester hours with a minimum GPA of 2.5 after applying for Academic Fresh Start upon admission/readmission as a degree student.
- Only those students pursuing an associate degree are eligible for Academic Fresh Start.

Terms of Academic Fresh Start

- Academic Fresh Start applies to all RSCC courses taken prior to the 4-year separation. All work attempted before the date of separation will be removed from consideration toward fulfillment of degree requirements. Previously satisfied placement testing requirements will not be forfeited.
- Once the student has satisfied the above student requirements, the registrar will review the student’s transcript at the time the student accumulates the required number of hours to verify that the student has met policy requirements.
- The student will be notified in writing of the results of his/her application for Academic Fresh Start. All written documents

will be placed in the student’s file.

- Upon approval by the registrar, the transcript will be updated to reflect “ACADEMIC FRESH START” with the effective date.
- All grades/courses taken prior to re-enrollment will be given inactive status and will remain listed on the transcript but will not be calculated in current academic statistics (earned hours, attempted hours, cumulative grade point average).
- Academic Fresh Start will be granted only once, and when granted, is irrevocable.
- The student will apply for 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.

Selective Service Requirements

- 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.
- 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 Records and Registration 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.

How to Enroll - Admissions and Academic Program Planning

The responsibility for selecting an educational program rests with each student. The faculty and counselors take pride in assisting 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/Developmental Studies

DEVELOPMENTAL STUDIES 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' Developmental Studies 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 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. Further information regarding basic skills assessment can be obtained by contacting Counseling and Career Services on the Roane County or Oak Ridge campuses.

RESTRICTED ENROLLMENT

Students whose assessment results require enrollment in Developmental Studies (DSP) 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 DSP courses. Exceptions to this policy require the approval of the DSP director and completion of the related documentation.

College Level Courses Which Can Be Taken With Developmental Studies Courses: The following college courses may be taken by

developmental studies students concurrently with their developmental courses.

DSP Course Required Courses that can also be taken

DSPM 0800 or 0850 (algebra) Any course without math prerequisites; The only math courses that can be taken are BUS 111 or 112.

DSPW 0700 or 0800 (Writing) Any course other than English

DSPR 0700 or 0800 (Reading) Students should check with their advisor or the DSP Office for courses that can be taken along with this requirement.

NOTE: All DSP courses **must** be completed before enrolling in BIOL 2010.

PLACEMENT IN COLLEGE SUCCESS STRATEGIES

DSPS 0800 College Success Strategies is required for students who are placed in at least two subject areas at the remedial or development level. Beyond this mandatory placement, students with a deficiency have the option to elect placement in College Success Strategies.

English Registration Requirements

Due to the fact that DSPW 0700, DSPW 0800, 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 DSPW 0700, DSPW 0800, 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 DSPW 0700, DSPW 0800, or ENGL 1010 (or ENGL 1020 if required for your major) for each 12 hours taken.

New Student Orientation

All first-time degree seeking students are required to attend New Student Orientation. During this time, new students will receive important information about attending Roane State, meet with a general advisor, and register for classes. An application for admission and all admissions documents must be on file prior to scheduling New Student Orientation. Students may call Counseling, Career, and Disability Services for more information or to schedule an appointment.

Academic Advising

At Roane State, academic advising is a shared responsibility of the student and the faculty advisor. During the first semester of enrollment, students are assigned a faculty advisor from their major area of study. The advisor works closely with the student in determining his/her education goals and in developing a plan for completing these goals.

Students can view the name of their advisor through their RaiderNet account.

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. Students need to contact his/her advisor to schedule an appointment well in advance of registration time periods. All sophomores are required to meet with their advisor to plan for graduation and to complete the Intent to Graduate form.

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.** Registration after the regular catalog published date may be permitted for one calendar week following this date. Exceptions for late registration or adding a class may be granted for good cause by the Vice President for Academic Services. **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 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 application to the college, students will be given instructions on how to log-in to 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 16 hours of credit. Individual programs may require more or less than 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 Office of Records and Registration.
2. Students may register for 21 hours of credit subject to verification of a 3.0 cumulative grade point average by the Office of Records and Registration.
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 Academic Services.

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

Freshman Experience

The Freshman Experience is a single day event in which incoming freshmen are invited to an orientation to college life. Students will enjoy visiting the main campus in Harriman and will participate in activities focused on introducing them to various aspects of RSCC such as RaiderNet and Momentum. Students are afforded the opportunity to meet other freshmen, establish contact with their academic advisors and to be introduced to strategies that will help them be successful in their learning experience.

Student Resources

Counseling/Career Services

Counseling and Career Services was established to aid students in successfully completing their college work and establishing good foundations for future growth. The center is staffed by professionally trained counselors who provide a wide range of services including: short-term personal counseling, career assessments and counseling, entrance academic advising, new student orientations, and disability services. For more information please visit www.roanestate.edu/counselingservices or call toll free at 1-866-462-7722 ext. 4550 or 865-882-4550.

Disability Services

Roane State complies with Section 504 of the Rehabilitation Act of 1973 and with the Americans with Disabilities Act of 1990 (ADA). Any student who has a disability that would like to request reasonable accommodations must contact Counseling, Career, and Disability Services to self-identify and to provide appropriate and current 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 Counseling, Career, and Disability Services. The Disability Services Handbook, which outlines policies and procedures for obtaining services, may be accessed online at <http://www.roanestate.edu/disabilityservices> or call toll free at 1-866-462-7722 ext. 4550 or 865-882-4550.

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. When classes are in session, they are open from 7:30 a.m. until 2:00 p.m. Summer hours may differ.

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 (second floor of the Library), the Cumberland County Campus (Rm. 152), and the Oak Ridge Branch Campus (in the Library). 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. The software that accompanies the college's math courses is loaded on Learning Center computers and is available to students.

Writing Help - Each center offers the following help to students: Writing consultations are available by appointment for one-to-one interaction with individual writers. 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. To make an appointment, students may come by the centers or call 865-822-4677 in Roane County, 865-481-2026 in Oak Ridge, or 931-456-9880 in Cumberland County.

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 Mathematics (Basic Skills - Calculus II), Writing, General Chemistry, Organic Chemistry, Physics, Biology, Introduction to Human Anatomy and Physiology, Accounting, Economics, Introductory Finance, Spanish, and Statistics. Online Math tutors are available 24 hours a day, seven days a week during the school year.

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.

TV/VCR Use - Students may use TV/VCR set-ups in the Learning Centers to watch course-related videos.

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

The college libraries primarily serve the students, faculty and staff of the college. Secondary services are provided to members of the surrounding communities. Through its collection of books, online databases, periodicals, microfilm and other material, the library system supports the curriculum and provides material for recreational reading. Daily courier service is provided between campuses to deliver requested material. Students and college employees may request items from non-Roane State Libraries through interlibrary loan. For hours of operation and a complete list of services, visit our web site at <http://www.roanestate.edu/library> or call toll free at 1-866-462-7722 ext. 4553 or 865-882-4553.

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 student-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 Records and Registration 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.
 - a. 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.
 - b. The challenge must be signed by the student.
 - c. 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.
 - a. Roane State shall not require any student to waive access rights.
 - b. A party from which a recommendation is sought may require such a waiver.
 - c. 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 Career 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:

Records and Registration Office
 Roane State Community College
 276 Patton Lane
 Harriman, TN 37748-5011
 FAX: 865-882-4527

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 Records and Registration 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 Records and Registration 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 Records and Registration 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 Records and Registration Office at the beginning of the term. All medical and/or auto enrollment forms can be delivered to Records and Registration 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.

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.

Advanced Placement

Roane State offers course credit for successful completion of Advanced Placement examinations administered by the College Entrance Examination 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 Records and Registration Office. A letter grade of “P” (Pass) will be assigned for credit granted.

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 appropriate fee prior to taking the test. Students will be required to pay a fee equal to \$20 per credit hour times the number of credit hours. 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 Records and Registration 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

Have official scores sent from The College Board to the Records and Registration Office. 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 Pellissippi State Technical Community College Testing Center. 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
Composition & Literature		
American Literature	50	6
Analyzing & Interpreting Literature	50	6
Composition, Freshman College	50	6
English Composition (with or without essay)	50	6
English Literature	50	6
Humanities	50	6
Science & Mathematics		
Algebra, College	50	3
Algebra-Trigonometry, College	50	3
Biology, General	50	6
Chemistry, General	50	6
Calculus with Elementary Functions	50	6
Mathematics, College	50	6
Natural Sciences	50	6
Trigonometry	50	3
Foreign Languages		
French, Level I	50	6
French, Level II	62	12
German, Level I	50	6
German, Level II	63	12
Spanish, Level I	50	6
Spanish, Level II	66	12
Social Sciences & History		
American Government	50	3
Educational Psychology, Introduction to	50	3
History of the United States I: Early Colonizations to 1877	50	3
History of the United States II: 1865 to Present	50	3
Human Growth & Development	50	3
Macroeconomics, Principles of	50	3
Microeconomics, Principles of	50	3
Psychology, Introductory	50	3
Social Sciences & History	50	6
Sociology, Introductory	50	3
Western Civilization I: Ancient Near East to 1648	50	3
Western Civilization II: 1648 to Present	50	3
Business		
Accounting, Principles of	50	6
Business Law, Introductory	50	3
Information Systems & Computer Applications	50	3
Management, Principles of	50	3
Marketing, Principles of	50	3

CPS

Persons passing the Certified Professional Secretary examination will be granted 25 hours of credit at Roane State for the following courses.

OAD 100	Keyboarding	1
OAD 105	Business Communications	3
BUS 221	Principles of Accounting I	3
BUS 251	Legal Environment for Business	3
BUS 261	Psychological Aspects of Management	3
BUS 281	Management & Supervision I	3
COLL 1020	Technology Essentials	3
ECO 201	Principles of Economics I	3
OAD 201	Administrative Office Management	3

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

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

1. The CPS holder will apply to the Records and Registration Office and pay the application fee required, and enroll for classes.
2. The CPS holder will present to the Records and Registration Office an official letter from the testing agent certifying student passed the examination.

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 remedial/developmental 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 DAN TES (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 Records and Registration 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 Records and Registration 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. A minimum of 18 of the remaining 36 semester hours of coursework must be completed in residence at Roane State.

Transfer information can be obtained from Records and Registration. 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.

Military Credit

Veteran students who have one year or more of honorable military service will need to submit a copy of their DD-214 to the Records and Registration 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 veterans will be awarded military credit based on training/occupational experiences listed on the AARTS transcript. Veterans may request a copy of their AARTS transcript by contacting:

Manager, AARTS Operations Center
415 McPherson Avenue
Fort Leavenworth, KS 66027-1373
FAX (913) 684-2011

RSCC follows all guidelines established by ACE (American Council on Education) and DAN TES (Defense Activity for Non-Traditional Educational Support).

Prior Learning Credit

A currently enrolled student at Roane State may petition for credit through documented work experience or life experience in the field in which a degree is being pursued.

Prior learning credit may be obtained as elective credit or specific course credit as it relates to a course in the current Roane State course inventory. This credit cannot exceed 18 hours. Credit for prior learning is not designed for students pursuing an Associate of Arts or Associate

of Science degree (University Parallel). This type of credit normally does not meet degree requirements at a senior institution.

Students interested in seeking prior learning credit should first contact the appropriate academic dean. The dean will then assign faculty in the discipline to meet with the student to begin preparation of the portfolio.

The portfolio should contain the following:

1. An introduction that describes the basic facts for the learning experience.
2. Specific course numbers and course names for credit requested.
3. A description of the types of formal training or instruction received in the subject since high school. This training could have occurred in classrooms, on the job, or through informal settings.
4. A detailed list of the kind of work done in the area. Explain the responsibilities and tasks successfully performed.
5. A detailed list of what was learned about the field as a result of the experience. Describe theories and practices developed.
6. Appropriate examples of work along with the product resulting from the work, the conditions under which it was created, and changes that might be made now based on the experience.
7. A description of critical events, outstanding managers and their styles, reading or lectures that made the experience noteworthy.
8. A summary of the major experiences and insights to substantiate significant learning.

After the portfolio is completed, the instructor will make a recommendation regarding the level of credit to the academic dean. The academic dean may choose to approve as submitted, modify the amount of credit awarded, or return the portfolio for additional information. The portfolio will then be sent to the Vice President of Academic Services for review before the final credit is awarded. The portfolio should be retained in the academic division office for a period of five years.

Credit awarded will depend on the student's ability to analyze personal or professional significance. Awarding credit should be based on the student's experience as it relates to the years in the field, breadth of exposure, or level of responsibility. When the evaluation is complete and the appropriate signatures are in place, the form will be sent to the Records and Registration Office for the recording of credit. Credit type will be noted as EXP and a grade of "P" (Pass) will be assigned.

A special fee for prior learning credit is assessed.

Prior learning or proficiency credit will not apply toward meeting residency requirements for graduation.

Maximum Alternative Credit Allowed

A maximum of 30 semester hours credit for correspondence or extension courses, credit for Advanced Placement, CLEP, or CPS tests, 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 Records and Registration.

Dual Studies Credit

Dual Studies Credit (High School Students Only)

Dual Studies is the Roane State program for high school students. It is named First Class. The program allows students to earn college credit toward a degree or a certificate at a Tennessee public institution of higher education. The credit may also count toward a high school diploma. The dual studies program includes dual credit (courses taught at the high school by high school teachers with college credit awarded by an end-of-course assessment), dual enrollment (courses taught by college faculty that may be taught at the college, at the high school or via distance learning) and joint enrollment (high school students taking college-level courses without the award of high school credit).

Dual Credit

A dual credit course is taught by a high school teacher who incorporates college course objectives into the high school curriculum. Upon course completion, students have the option to sit for an assessment administered by the college. For the college, dual credit grades are based on pass/fail. If the student successfully completes the end-of-course exam, college credit is awarded. Credit by assessment grades may or may not transfer to other institutions; the grade is accepted by Roane State and applied to the student's transcript upon admission to the college. Dual credit students do not apply for admission to Roane State until after high school graduation; therefore, no tuition or fees are paid as the student does not officially register for a course. There will be an assessment fee charged prior to the assessment.

Dual Enrollment

A dual enrollment course is taught by college faculty to high school juniors and seniors who must be admitted to the college. Therefore, tuition and fees are required as well as paperwork for the admission process. College credit is awarded to students who successfully complete a course, initiating a college transcript prior to high school graduation. High school credit is awarded in addition to the college credit. Most credits from dual enrollment are transferable to other colleges. Students receive letter grades in dual enrollment.

Joint Enrollment

A joint enrollment course refers to a high school student who is enrolled simultaneously in college but does not seek a high school credit for the college course. A student taking courses recognized as joint enrollment only receives college credit. The admission process is the same as a student in dual enrollment and letter grades are submitted to the student's college transcript.

High School Articulation Agreements

Articulation is a process that students have used to transition between secondary and postsecondary schools under the former Tech-Prep Initiative. Students continue to receive college credits for high school coursework under articulation at no cost to the student. Roane State is in the process of replacing the former Tech-Prep articulation agreements with dual credit assessments. The Office of Dual Studies communicates with high school administrators as to the status of assessment development for dual credit courses and provides dates for articulation agreements to cease.

For students who are currently under the Tech Prep, the following procedures should be followed:

- Meet with middle school or high school counselor to decide

on Perkins Grant Six-Year Plan (4 years of high school and 2 years of postsecondary training or apprenticeship).

- Complete the first four years of the six-year plan.
- Earn a grade of "A" or "B" in high school technical courses to be articulated. Pass final exams in these courses. (Keyboarding, Criminal Justice, etc.)
- Apply and enroll at Roane State within two years of high school graduation.
- See your high school counselor to submit the following to the Dean of Student Academic Support Services; (1) articulation application; (2) Six-Year Plan; (3) course competency checklist(s); and (4) high school transcript.

Articulation Between Tennessee Technology Centers and Roane State

Students who earn a diploma from one of the Tennessee Technology Centers may be eligible to receive up to 30 credits when they enroll in the General Technology A.A.S. degree program. Students enrolled at Tennessee Technology Centers may also articulate credits toward an A.A.S. degree in Contemporary Management.

To receive articulation credits the following procedures should be followed:

- Meet with the Technology Center counselor or teacher to decide on Perkins Grant plan.
- Complete TTC diploma in a specific field of study.
- Make grade of "C" or above in courses.
- Enroll at Roane State within three years of graduation. Submit Perkins Grant application, copy of TTC diploma, and official transcript to the Roane State Records and Registration Office. Submit copies of these documents to the Dean of Student Academic Support Services.
- Meet with Roane State technical field advisor (department head).

The Student Academic Support Services office will notify students regarding their request for articulation credit approval. Do not sign up for classes for which articulation credits will be awarded. For additional information about the Perkins Grant program, contact the guidance office at your high school, Tennessee Technology Center or the Student Academic Support Services office at Roane State.

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 but below average 1.0
F	Failing 0.0
AW	Administrative Withdraw for Non-Attendance 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.

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	GRADE	QUALITY HOURS EARNED	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:
 - a. 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.
 - b. 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. Your Lottery GPA can be lower than your RSCC GPA. Your Lottery GPA takes into account **all** of your attempts at a particular course whereas your RSCC GPA will only count the second or third successive attempts at a repeated course.

Also, you need to be aware that Lottery rules stipulate that "W" grades are figured into your Lottery Scholarship eligibility. Any course in

which you receive a "W" grade, is considered an attempted course for Lottery purposes. "W" grades are not used in calculating your Lottery GPA, but the "W" hours do count toward the maximum hours allowed by a Hope Lottery Scholarship.

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 in writing an appeal to the division dean or appropriate supervisor 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 Academic Services, 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.

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.

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

1. Obtain Request for Late Withdrawal form from the Records and Registration 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 Records and Registration 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 Academic Services, 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: Students enrolled in Developmental Studies courses are not allowed to withdraw from these courses unless extenuating circumstances exist. Approval must be granted by the Director of Developmental Studies or a designee.

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.

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 Records and Registration 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 Academic Services.

Classification

Student classification levels for purposes of registration are:

Freshman—0-26 credit hours

Sophomore—27 or more credit hours

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 Records and Registration Office.

Dean's List

The Dean’s List is the official medium for the institution to recognize outstanding academic achievement by students. Full-time students (those completing 12 or more semester hours of college-level courses) with a quality point average of 3.5-4.00 are identified each semester on the Dean’s List.

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 hours attempted (inclusive of any remedial or developmental courses) will be placed on academic probation for the following term.

Semester Hours Attempted	Minimum Cumulative GPA
0-14	No minimum
15-26	1.0
27-40	1.4
41-48	1.7
49-56	1.9
57-and above	2.0

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 of Academic Services 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 Records and Registration 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.

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 Academic Development 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 by the deadline for the intended graduation semester. The student is required to complete the form in its entirety, obtain his/her advisor's signature, and pay a non-refundable graduation fee.

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 Audit Program (CAPPS)

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 CAPPS Degree Audit, Roane State's advisement assistant. 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 audit printout from their RaiderNet account or from their assigned faculty advisor.

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.** A minimum of 18 hours of the final 36 semester hours of coursework must be completed at Roane State but not less than 25% of the total hours in any degree program. 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.
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

Application for Graduation 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. Substitutions are not approved for articulation agreements.

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 Degree Program classes are not included in the calculation of fees for which there is a maximum charge. Fees for RODP 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 \$75. 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 outlining the basis for the appeal to the Business Office. 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 Financial Services. The student will be notified in writing of the President's 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 1-866-462-7722 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). Beginning with the 2008-2009 academic year, the Department of Education has reduced the number of paper applications accepted; therefore, students MUST access the form online at <http://www.fafsa.ed.gov>. All campuses will have FAFSA on the Web Worksheets to 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. Submit the online Free Application for Federal Student Aid to determine financial need.
2. Submit verifying documents if requested by the Financial Aid Office.
3. Be admitted to attend or currently attending Roane State in an approved degree or certificate program.
4. Meet Roane State's satisfactory progress standards as noted in a later section.

Roane State encourages students to apply early for Federal financial aid. May 15 is the priority deadline for applying for the fall semester. FAFSA applications received and files completed by that date will be given first consideration in the allocation of Federal financial aid funds. Completed files received after May 15 will be accepted and awards made to eligible students on a first come, first serve basis as long as funds are available. Financial Aid files completed by June 1 will be processed by the beginning of fall term. All others will be processed by date order.

Although Roane State participates in the electronic correction of financial aid applications, we do not want to encourage students to wait until the last minute to file; therefore, initial applications received within the week prior to official registration will be processed only as time allows. These students may be required to pay for tuition and fees, then be reimbursed if they qualify for financial assistance at a later date.

Federal Pell Grants

Federal Pell Grants are an entitlement program made available through the Title IV Student Financial Aid Programs and funded by tax dollars. Students should apply early through the FAFSA and make the Federal Pell Grant the primary source of financial aid since all other sources of assistance are based upon this eligibility.

FSEOG and FWS

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 and application must be made by the specified priority date of May 15. 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 have a completed financial aid file by May 15.

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 application.

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.

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 loan application** will be required, available at <http://www.roanestate.edu/financialaid>.

The Federal Stafford Loan Program is available to students who have been determined eligible through the above-mentioned need analysis system. There are 2 types of Stafford loans available to RSCC students: subsidized (interest is paid by the Dept. while the student is enrolled) or unsubsidized, which is a variable interest loan. Repayment begins six months after the student withdraws, graduates or drops to less than 6 credit hours. Loan limits are a minimum of \$500 and a maximum allowed by the Department of Education. More details are available on the Financial Aid Loans Web site.

The lenders that are on the Lender Comparison list have been selected based on past experience as they offer excellent service and benefits to their borrowers. In addition, these lenders work with our guarantor, TSAC (Tennessee Student Assistance Corporation) in the EFT (electronic funds transfer) process.

Students are free to choose ANY lender that participates in the FFEL program even if they are not on our list.

The Financial Aid Office will strive to process your loan quickly and accurately regardless of the lender you choose. Remember, a student loan is yours; be informed, borrow conservatively, and ask questions of your lender or prospective lenders.

For more information please call toll free 1-866-462-7722 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 A.S., A.A., or A.A.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 DSP hours; 90 attempted college credit hours if degree seeking (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, student may be billed.
4. Class attendance may be verified before excess checks are disbursed.
5. A student will be on financial aid suspension if (s)he does not pass 67% of hours paid (passing grades = A, B, C, D only!), or does not keep a 2.0 cumulative grade point average, which are checked after spring semester.
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 Assistant Vice President of Financial Aid and then to the Financial Aid Committee if necessary.
9. You can only receive financial aid at one school during a semester.

Scholarship for Academic Service

The Scholarship for Academic Services (SAS) is a two-year work scholarship awarded to current high school graduates on the basis of academic achievement.

General Criteria

1. Students must have a high school cumulative GPA of 2.9 at the deadline date.
2. The SAS application **MUST** be in the Roane County Financial Aid Office by the deadline. The application and current deadline can be found at <http://www.roanestate.edu/financialaidscholarships>.
3. Students from Roane, Anderson, Cumberland, Scott, Loudon, Campbell, Fentress, Morgan, Knox and Blount counties who rank in the top 10% of the current graduating class and who submit a scholarship application and also meet all of the criteria will be guaranteed an SAS offer. All other applications will be ranked by GPA and selected as funds allow.
4. By the last working day in June, students **MUST** also complete the following (or forfeit the scholarship offer):
 - a. Submit a college application
 - b. Pay the \$10 application fee
 - c. Enroll in full-time college level classes excluding any remedial/developmental courses.
5. Under no circumstances will a scholarship be “held” for a January or later enrollment.
6. Students must maintain full-time college-level enrollment **excluding** any remedial/developmental courses throughout each semester.
7. The SAS is renewable for 3 consecutive semesters if the student maintains a cumulative 2.5 GPA* in college courses and **works 75 hours per semester at an assigned RSCC location**. Dual-credit courses taken while in high school will

be counted in the cumulative GPA.

*NOTE: Some senior institutions may require a higher GPA for transferability.

Residents of the State of Tennessee who believe they are qualified should submit the SAS application before the deadline. These applications are available on the RSCC Financial Aid web page, in the Financial Aid Office and high school guidance offices and **MUST** be certified by the high school guidance counselor.

For more information please call toll free 1-866-462-7722 ext. 4545 or 865-882-4545.

Presidential Scholarship

This scholarship is awarded to one valedictorian from each high school in the Roane State extended service area. To be eligible for the \$1,000 annual scholarship, the recipient must be recommended by the high school guidance counselor, be a first-time college student and must enroll full-time at Roane State. The scholarship must be used the fall semester following high school graduation. The award is renewable for a second year if the recipient maintains satisfactory academic progress and a 2.5 cumulative GPA. In the case of multiple valedictorians, ACT scores will serve as the tie-breaker.

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 1-866-462-7722 ext. 4669 or 865-882-4669. 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 will provide money to pay tuition and fees.

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 1-866-462-7722 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. Priority will be given to applications processed by September 1 of each year. For additional information and specific eligibility requirements, go to <http://www.CollegePaysTN.com> and <http://www.roanestate.edu/financialaid>, or call 865-882-4545 or toll free 1-866-GO2-RSCC ext 4545.

Veterans Benefits

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 Veteran's benefits toll free at 1-866-7722 ext. 4539 or 865-882-4539. Roane State cooperates with the Veterans Administration in providing educational opportunities for veterans. The Financial Aid Office 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 1-800-827-1000 or 1-888-442-4551 to verify how much benefit money is available to him/her.
2. Provide the VA certifying official in the Financial Aid Office member copy 4 of the DD214 (discharge papers) or NOBE form if actively in service.
3. Fill out the Veterans Administration online application (VONAPP).
4. Complete the VA online orientation at <http://www.roanestate.edu/financialaidva>.
5. Meet with an advisor to discuss class requirements and complete a certification request form (CRF).
6. Register for classes and pay fees.
7. Submit the signed CRF to the Veteran's Certifying Official in the Financial Aid Office, making sure that the form has been signed by an advisor.
8. 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 in the Financial Aid Office. All changes of class schedule must be reported since doing a drop and add may change the monetary amount the veteran is 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. Veterans and other eligible persons can receive pay for remedial/developmental classes when a need can be shown. These classes must be attended in person. The VA will NOT pay if the classes are web or video-based.
7. You must attend all classes for the entire semester or an overpayment with the VA may result.
8. Enrollment in classes which do not last 15 weeks will affect your pay (e.g. 8-week orientation, fast-track)

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.

Critical Student Information

Student Rights and Freedoms

Preamble

Academic institutions exist for the transmission of knowledge, the pursuit of truth, the development of students, and the general well-being of society. Free inquiry and free expression are indispensable to the attainment of these goals. As members of the academic community, students should be encouraged to develop the capacity for critical judgment and to engage in a sustained and independent search for truth. Institutional procedures for achieving these purposes may vary from campus to campus, but the minimal standards of academic freedom of students outlined below are essential to any community of scholars.

Freedom to teach and freedom to learn are inseparable facets of academic freedom. The freedom to learn depends upon appropriate opportunities and conditions in the classroom, on the campus, and in the larger community.¹ Students should exercise their freedom with responsibility.

The responsibility to secure and to respect general conditions conducive to the freedom to learn is shared by all members of the academic community. Tennessee Board of Regents institutions have developed policies and procedures which provide and safeguard this freedom. The purpose of this statement is to enumerate the essential provisions for students' freedom to learn.

Freedom of Access to Higher Education

The admissions policies of each Tennessee Board of Regents institution are a matter of institutional choice, provided that each institution makes clear the characteristics and expectations of students which it considers relevant to success in the institution's program. Under no circumstances should a student be barred from admission to a particular institution on the basis of race. Thus, within the limits of its facilities, each institution should be open to all students who are qualified according to its admissions standards. The facilities and services of a TBR institution should be open to all of its enrolled students.

In the Classroom

The professor in the classroom and in conference should encourage free discussion, inquiry, and expression. Student performance should be evaluated solely on an academic basis, not on opinions or conduct in matters unrelated to academic standards.

1. Protection of Freedom of Expression

Students should be free to take reasoned exception to the data or views offered in any course of study and to reserve judgment about matters of opinion, but they are responsible for learning the content of any course of study for which they are enrolled.

2. Protection Against Improper Academic Evaluation

Students should have protection through orderly procedures against prejudiced or capricious academic evaluation. At the same time, they are responsible for maintaining standards of academic performance

established for each course in which they are enrolled.

3. Protection Against Improper Disclosure

Certain information about students is protected from public disclosure by Federal and state laws. Protection against improper disclosure is a serious professional obligation. Judgments of ability and character may be provided under appropriate circumstances.

¹ Adapted from AAUP Statement of RIGHTS AND FREEDOMS OF STUDENTS

Student Responsibility

There are a number of established policies and regulations and student right-to-know information, developed by the College as well as mandated by the Tennessee Board of Regents, that exist for the welfare of both students and the College. It is the student's responsibility to become familiar with these policies and regulations: GA-21-03 (Drug Free Environment); GA-08-01 (Admission to Buildings); GA-13-01 (Emergency Procedures-Fire & Bomb); GA-20-01 (Alcoholic Beverages); GA-21-01 (Smoking & Tobacco Products); GA-06-03 (Bulletin Boards); TBR Policy 3:02:00:01 (General Regulations on Student Conduct and Disciplinary Sanctions). Students may see the Assistant Vice President of Student Services/Dean of Students for clarification of these policies and regulations

Policy Making and the Student

Students have the right to voice their opinions and ask questions concerning current issues or policies of the College. RSCC students may participate in the decision making process through the Student Government Association/Campus Activities Board, by representation on some standing college committee, as well as participation on the Academic Curriculum Council. In addition, RSCC has an "open door policy" which allows students the opportunity to express their views through college administration.

Student Complaints

Roane State Community College is committed to providing a quality educational experience for all students. Students are encouraged to take advantage of all relevant services and programs offered by the College, therefore RSCC is concerned that all students receive the best treatment possible by college personnel. However, if a student feels he/she has not received fair treatment, or has a complaint regarding some situation or condition (financial aid, tuition, refunds, parking tickets, advisement, records, admissions, facilities, classroom concerns, student conduct, etc.) at the College, the student may address the complaint in writing (student complaint form) to the Assistant Vice President of Student Services. The Assistant Vice President of Student Services will investigate the complaint, consulting with other RSCC personnel as needed and will notify the student of the outcome. If the student is not satisfied with how the Assistant Vice President of Student Services has tried to resolve the issue, the student may be heard by the Vice

President of Academic Services and/or the Vice President of Student Services and Enrollment Management. The student complaint form may be accessed at <http://www.roanestate.edu/studentcomplaints> or call toll free at 1-866-462-7722 ext. 4524 or 865-882-4524.

Student Conduct and Discipline

The Office of the Assistant Vice President of Student Services continually updates policies and procedures governing student conduct and disciplinary sanctions. Colleges recognize the student as an adult pursuing an education. Just as a student does not lose citizenship rights upon enrolling at a college, the student also does not become immune to society's obligations and laws or to the responsibilities of daily living in a broader society. In general, the behavioral norms expected of the college student are those of common decency and decorum, recognition of and non-infringement upon the rights and property of others and of the college, honesty in academic work and all other activities, and observance of local, state and federal laws.

The Assistant Vice President also investigates conduct and discipline issues. Students are expected to conduct themselves in accordance with the rules and regulations of the college. Students, like all members of the college - faculty, administration, and staff members - assume the responsibility to conduct themselves in compliance with the objectives and standards of conduct established by the college. For further details please visit <http://www.roanestate.edu/deanofstudents> or call toll free at 1-866-462-7722 ext. 4550 or 865-882-4550.

Student Right To Know

The Student Right-To-Know Act, 34, CFR668, 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 1996 and subsequent years.

For current Student Right to Know and Crime on Campus reports, visit <http://www.roanestate.edu/deanofstudents> or call toll free at 1-866-462-7722 ext. 4550 or 865-882-4550.

Campus Safety and Security

Reporting Procedures for the Crime Awareness & Campus Security Act of 1990

Any student, employee, or visitor on campus should report the incidence of criminal activity to the Security Office (ext. 4565), toll free at 1-866-462-7722 ext. 4565 or 865-882-4565 and/or to the Office of the Assistant Vice President of Student Services (ext. 4550), toll free at 1-866-462-7722 ext. 4550 or 865-882-4550. Criminal activity at any satellite location should be reported to the campus director who, in turn, will report to appropriate officials. For further details visit <http://www.roanestate.edu/deanofstudents>.

Additional Student Information

For more details on the following critical student information, visit <http://www.roanestate.edu/deanofstudents> or call toll free at 1-866-462-7722 ext. 4550 or 865-882-4550.

- Drug Free Communities Statement
- Federal Student Right to Know (Crime Statistics)
- Nondiscrimination on the Basis of Sex in Education Programs and Activities
- Sexual Offender Notification
- Subsidiary Use of the College Campus
- Other Student Support Services

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 cooperative 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.
5. 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

1. The instructor has primary responsibility for control over classroom behavior and maintenance of academic integrity, and can order the temporary removal or exclusion from the classroom of any student engaged in disruptive conduct or conduct violative of the general rules and regulations of the institution. Extended or permanent exclusion from the classroom or further disciplinary action can be effected only through appropriate procedures of the institution.
2. 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 "F" or a zero for the exercise or examination, or to assign an "F" in the course.
3. If the student believes that he or she has been erroneously accused of academic misconduct, and if his or her final grade has been lowered as a result, the student may appeal the case through the Office of the Assistant VP for Student Services/ Dean of Students.

University Transfer Programs

ASSOCIATE OF ARTS/ASSOCIATE OF SCIENCE PROGRAMS

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 or Associate of Science 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 enrollments are generally smaller which lends itself to more individualized instruction.
- Obtaining an Associate of Arts or Associate of Science degree allows a student to have credentials for employment while completing his/her baccalaureate degree.

Roane State has developed cooperative relationships with four-year institutions to assist students in transferring courses. Program articulation agreements and course-by-course transfer equivalency tables exist for many institutions as listed in the link below. For more information, visit <http://www.roanestate.edu/articulation> or call toll free at 1-866-462-7722 ext. 4597 or 865-882-4597.

Austin Peay State University
Carson-Newman College
East Tennessee State University
Lincoln Memorial University
Maryville College
Middle Tennessee State University
Pellissippi State Technical Community College
Regents On-Line Degree Program (RODP)
Savannah College of Art and Design
Strayer University
Tennessee Technological University
Tennessee Wesleyan College
Trevecca Nazarene University

Union University
University of Tennessee-Chattanooga
University of Tennessee-Knoxville
University of Tennessee-Martin

General Education Mission and Purpose

General Education Philosophy

Roane State Community College fully supports the Tennessee Board of Regents Lower Division General Education Core framework developed in November 2002. The philosophy of General Education outlined in the preamble to the document states that:

The purpose of the Tennessee Board of Regents general education core is to ensure that college students have the broad knowledge and skills

to become life-long learners in a global community that will continue to change. Because courses in general education should emphasize breadth, they should not be reduced in design to the skills, techniques, or procedures associated with a specific occupation or profession. As a fundamental element of the baccalaureate degree, essential for a full completion of all majors and minors, the general education core is included in the lower division courses, but universities may add general education courses at the upper division as well."

General Education provides critical thinking skills for analysis to continue to seek truths, to discover answers to questions, and to solve problems. Specifically, educated people practice and are literate in the various methods of communication. They recognize their place in the history, culture, and diverse heritages of Tennessee, the United States, and the world. They appreciate the web of commonality of all humans in a multicultural world and are prepared for the responsibilities of an engaged citizenship. They recognize the ethical demands of our common lives. They demonstrate the skills and knowledge of the social and behavioral sciences to analyze their contemporary world. They are familiar with the scientific and mathematical view of the world.

Finally, Tennessee's general education core provides for its citizens the means to make a better living. It also, perhaps above all, enables its citizens to make a better life.

The TBR General Education Core outlines goals and learning outcomes for six general education categories, including 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.

RSCC General Education Mission

As part of Roane State's overall Teaching and Learning mission, it is the goal of all academic divisions to provide learning experiences, built on general education competencies, which ultimately support the Strategic Plan of the college. Across the curriculum the fundamental competencies of **critical thinking skills and communication skills** are addressed at the course level, forming the foundation for the overall educational mission of the college.

Critical Thinking Skills

As productive members of a democracy, our students must accept the responsibility of making important decisions. Critical thinking skills promote responsible action in one's personal and professional life. Critical thinking requires the ability to identify problems, research and evaluate alternative solutions, and implement decisions. An ability to solve problems and use math and contemporary technology is crucial for success in the professional world and for evaluating matters of national and global importance.

Communication Skills

The ability to communicate well in a competitive and technological world is crucial to the success of our students. In business, academic and personal settings, the emphasis on teamwork requires that individuals use listening, reading, writing, speaking, and computer skills to solve problems effectively. For communities to improve their social, economic, and physical environments, citizens must be able to express their ideas, evaluate opposing viewpoints, and debate possible courses of action. The Roane State curriculum emphasizes all of these

communication skills.

The General Education mission and philosophy outlined here applies to students who are in either University Transfer Programs or Career Education Programs.

For University Transfer Students (Associate of Science Degree and Associate of Arts Degree)

For students seeking the A.S. and A.A. degrees, the general education university parallel core curriculum intends to stimulate students to acquire general knowledge in various academic disciplines, to gain the ability to effectively express themselves orally and in writing, and to prepare for advanced educational work through the acquisition of effective research, problem solving, and critical thinking skills.

RSCC provides a learning environment which enables students to develop the following: familiarity with current research and problem solving methods, a desire and ability for self-directed learning and effective expression, a capacity to synthesize knowledge from many sources, and an ability to critically examine new ideas and ways of thinking. For further information, refer to the University Transfer Program section in the catalog.

For Career Education Students (Associate of Applied Science Degree)

For students seeking the A.A.S. degree, the career education curriculum includes a general education core leading students to the achievement of a basic understanding of the humanities, arts, and social and natural sciences; the achievement of basic skill competencies in oral and written expressions; and an understanding of vocation as a part of the changing world culture and learning as a lifelong endeavor. For further information, refer to the Career Preparation Program section in the catalog.

Minimum Degree Requirements, A.A./A.S.

Effective fall semester 2004, each institution in the State University and Community College System of Tennessee (The Tennessee Board of Regents System) shares common lower-division general education core curriculum of forty-one (41) semester hours for baccalaureate degrees and the Associate of Arts and the Associate of Science degrees. Lower-division means freshman and sophomore courses. TBR universities are Austin Peay State University, East Tennessee State University, Middle Tennessee State University, Tennessee State University, Tennessee Technological University, and The University of Memphis.

The courses comprising the general education curriculum are contained within the following subject categories:

Baccalaureate Degrees and Associate of Arts and Associate of Science Degrees*

General Education Requirements

Communication	9 hours**
Humanities and/or Fine Arts	9 hours (At least one course must be in literature)
Social/Behavioral Sciences	6 hours
History	6 hours***

Natural Sciences	8 hours
Mathematics	3 hours
A minimum of 19 additional hours is required to receive an A.A./A.S. degree	
TOTAL	60 HOURS

*Foreign language courses are an additional requirement for the Associate of Arts (A.A.) and Bachelor of Arts (B.A.) degrees. The B.A. degree requires proficiency in a foreign language equivalent to completion of one year of college-level work.

**Six hours of English Composition and three hours in English oral presentational communication are required.

***Students who plan to transfer to Tennessee Board of Regents (TBR) universities should take six hours of United States History (three hours of Tennessee History may substitute for one of the U.S. History courses). Students who plan to transfer to University of Tennessee System universities or to out-of-state or private universities should check requirements and take the appropriate courses.

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.

Courses Satisfying the Minimum Degree 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	201	Basic Speech Communication

Humanities and/or Fine Arts

ART	201	Survey of Art History I - Effective Fall 2009
ART	202	Survey of Art History II - Effective Fall 2009
ART	1030	Art Appreciation
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
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
ECO	201	Principles of Economics I
ECO	202	Principles of Economics II
GEOG	1040	Geography of the Natural Environment I
GEOG	1050	Geography of the Natural Environment II
GEOG	1210	World Geography
GEOG	1220	Human Geography
GEOG	2010	Physical Geography
INTL	1010	Introduction to Global Studies
POL	101	U.S. Government and Politics
POL	102	Introduction to Political Science
PSY	110	General Psychology
PSY	210	Biological Basis of Behavior
PSY	220	Developmental Psychology
SOC	201	Introduction to Sociology
SOC	202	Social Problems
SOC	211	Cultural Anthropology
SOC	212	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	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	Basic Calculus
MATH	1910	Calculus I

Articulation Agreements/ Course Equivalency Tables

Articulation Agreements exist to assist students with course selection for a particular senior institution and major. These documents 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 associate's degree at Roane State. The remaining requirements for the third and fourth year are those required by the four-year college or university. The student must successfully complete all of the courses outlined in the agreement in order for the completion of the agreement to be noted on his/her academic transcript. Exceptions can only be approved by the four-year institution.

Articulation agreements are constantly being updated. For the most up to date list, visit <http://www.roanestate.edu/articulation> or you may contact our Advising Resource Center at 1-866-462-7722 ext. 4597 or 865-882-4597.

In the event that a student selects a major or college/university for which there is no current articulation agreement, the student may use the course equivalency tables to choose transferrable courses. 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 <http://www.roanestate.edu/transferequivalency> or you may contact our Advising Resource Center at 1-866-462-7722 ext. 4597 or 865-882-4597.

Curriculum Guides

If no articulation agreement is available for a particular school or major, students may follow one of the Curriculum Guides. The Curriculum Guides are suggested courses of study that include general education courses and a foundation of courses designed for particular majors.

Curriculum Guides are not intended to represent a particular major at any particular college or university. Students should obtain a copy of the catalog for the senior institution they plan to attend and use it during advisement sessions to assist with the selection of courses that meet requirements for selected majors at senior institutions.

Agriculture

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

First Year		Hours
ENGL 1010, 1020	Composition I, II	6
MATH	Mathematics Elective ¹	3
PHED	Physical Education Elective	1
SPCH	Speech Elective	3
	Physical/Natural Science Sequence ¹	8
	Electives ¹	3
	Humanities Elective ¹	3
	Social Science Elective ¹	3
	First Year Total	30
Second Year		
ENGL	Sophomore Literature ¹	6
HIST	History Sequence ¹	6
MATH	Mathematics Elective ¹	3
	Electives ¹	12
	Social Science Elective ¹	3
	Second Year Total	30
	TOTAL HOURS	60

¹ Students should consult curriculum requirements of the senior institution for appropriate course selection.

Students pursuing this area of study will be advised by the Mathematics and Sciences Division.

Art

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Arts Or Associate of Science

The art curriculum is designed primarily for the general enrichment of the student as well as providing professional art and liberal arts course work for transfer to a four-year institution. This program is designed to develop fundamental skills in technical and creative expression. An art major planning to transfer to a senior institution should plan a program to meet specific requirements for the lower division at that institution. The art department reserves the right to retain student work for exhibition.

First Year			Hours
ART 101, 102	Studio Fundamentals		4
ART 1030	Art Appreciation		3
ART 181	Visions Seminar I		2
ENGL 1010, 1020	Composition I, II		6
MATH	Mathematics Elective ¹		3
SPCH 201	Basic Speech		3
	Foreign Language Sequence ²		6
	Social Science Elective		3
	First Year Total		30
Second Year			
ART 103	Studio Fundamentals		2
ART 142	Computer Art		3
ART 182	Visions Seminar II		2
ENGL	Sophomore Literature Elective ¹		3
HIST	History Sequence ¹		6
	Humanities Elective ¹		3
	Physical/Natural Science Sequence ¹		8
	Social Science Elective ¹		3
	Second Year Total		30
	TOTAL HOURS		60

¹ Students should consult curriculum requirements of the senior institution for appropriate course selection.

² Required for Associate of Arts (AA) degree only. Students seeking an Associate of Science (AS) degree should select general electives appropriate for a senior institution.

Students pursuing this area of study will be advised by the Humanities Division.

Art Education

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

The art education curriculum is designed for students who wish to complete the first two years of a program toward teacher certification. This curriculum will meet the lower division requirements for transfer to a senior institution granting the bachelor's degree in art education.

First Year			Hours
ART	101,102	Studio Fundamentals	4
ART	1030	Art Appreciation	3
EDU	210	Child and Adolescent Development	3
EDU	211	Educational Psychology	3
ENGL	1010,1020	Composition I, II	6
		Social Science Elective ¹	3
		Physical/Natural Science Sequence ¹	8
Total First Year			30
Second Year			
ART	103	Studio Fundamentals	2
ART	181,182	Visions Seminar I, II	4
ENGL		Sophomore Literature Electives ¹	6
HIST		History Sequence ¹	6
MATH		Mathematics Electives ¹	6
SPCH	201	Basic Speech	3
		Social Science Elective	3
Total Second Year			30
TOTAL HOURS			60

¹ Students should consult curriculum requirements of the senior institution for appropriate course selection.

Students pursuing this area of study will be advised by the Humanities Division.

Biology

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

The biology curriculum is designed for students planning to complete the bachelor's degree at a four-year institution. This program generally meets the transfer requirements for students entering any one of the state's major universities. Before entering this plan of study, each student should become acquainted with any pre-transfer requirements the receiving institution may stipulate. The current job market gives highest priority to the graduate degree in biology.

First Year			Hours
BIOL	1110,1120	General Biology I, II	8
ENGL	1010,1020	Composition I, II	6
HIST		History Sequence ¹	6
MATH	1910	Calculus I ²	4
		Humanities Electives ¹	6
First Year Total			30
Second Year			
CHEM	1110,1120	General Chemistry I, II	8
ENGL		Sophomore Literature Elective ¹	3
SPCH	201	Basic Speech	3
		Science Electives ¹	8-12
		Social Science Electives ¹	6
Second Year Total			30-32
TOTAL HOURS			60-62

¹ Students must check with transfer institutions for appropriate course selection.

² If mathematics background or ACT math score is not adequate, consult an advisor about taking MATH 1730 (Pre-Calculus).

Students pursuing this area of study will be advised by the Mathematics and Sciences Division.

Business Administration

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

The business administration program includes professional studies and courses in the liberal arts. Upon completion of this two-year program, a student may transfer to a senior institution to complete the requirements for the bachelor's in accounting, business management, or related fields.

First Year		Hours
BUS 100	Career Planning	1
BUS 101	Intro to Business	3
COLL 1020	Technology Essentials	3
ENGL 1010,1020	Composition I, II	6
MATH 1630	Finite Math	3
MATH 1830	Basic Calculus	3
	Humanities Elective ²	3
	Physical/Natural Science Sequence ²	8
	First Year Total	30
Second Year		
BUS 221,222	Principles of Accounting I, II	6
ECO 201,202	Economics I, II	6
ENGL	Sophomore Literature Elective ²	3
HIST	History Sequence ²	6
MATH 2050	Probability & Statistics (Calculus Based)	3
SPCH 201	Basic Speech	3
	Humanities Elective ²	3
	Second Year Total	30
	TOTAL HOURS	60

¹ A higher level math course may be substituted. Consult with an advisor.

² For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

Students transferring to UTK should consider scheduling foreign language courses while attending Roane State. Foreign language courses do not fulfill humanities elective requirements.

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

Business Education

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

The business education program includes professional studies and courses in liberal arts. Upon completion of this two-year program, a student may transfer to a senior institution to complete the requirements for the bachelor's degree in business education.

First Year		Hours
ART 1030	Art Appreciation or	
MUS 1030	Music Appreciation	3
BUS 101	Introduction to Business	3
EDU 101	Intro to the Teaching Profession	2
ENGL 1010,1020	Composition I, II	6
MATH 1730	Pre-Calculus	4
PHED	Physical Education Electives	2
SPCH 201	Basic Speech	3
	Physical/Natural Science Sequence ¹	8
	First Year Total	31
Second Year		
BUS 221,222	Principles of Accounting I, II	6
ECO 201,202	Economics I, II	6
EDU 111	Intro to Educating Exceptional Children	2
EDU 211	Educational Psychology	3
ENGL	Sophomore Literature Electives ¹	6
HIST	History Sequence	6
	Second Year Total	29
	TOTAL HOURS	60

¹ For specific natural science course recommendations, students should consult the catalog of the senior institution they plan to attend. Some senior institutions require a natural science sequence (two courses within the same discipline).

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

Chemistry

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

The chemistry curriculum is designed for students planning to complete the bachelor's degree at a four-year institution. This program generally meets the transfer requirements for students entering any one of the state's major universities. Before entering this plan of study, each student should become acquainted with any pre-transfer requirements the receiving institution may stipulate.

First Year ¹		Hours
CHEM 1110,1120	General Chemistry I, II	8
ENGL 1010,1020	Composition I, II	6
HIST	History Sequence ²	6
MATH 1910	Calculus I ³	4
SPCH 201	Basic Speech	3
	Humanities Elective ²	3
	First Year Total	30
Second Year		Hours
CHEM 2010,2020	Organic Chemistry I, II	8
ENGL	Sophomore English Elective ²	3
PHYS 2110,2120	Calculus Based Physics I, II ⁴	8
	Elective ⁵	2
	Humanities Elective ²	3
	Social Science Electives ²	6
	Second Year Total	30
	TOTAL HOURS	60

¹ Students planning to transfer to Tennessee Technological University or UTK should consult an advisor for the appropriate curriculum.

² Students must check with transfer institution for appropriate course selection.

³ If mathematics background or ACT math score is not adequate, consult an advisor about taking MATH 1730 (Pre-Calculus).

⁴ Consult an advisor about substituting PHYS 2010, 2020 for PHYS 2110, 2120. Also, check with the senior institution about most recent requirements.

⁵ Strongly advise that MATH 1920 be taken.

Students pursuing this area of study will be advised by the Mathematics and Sciences Division

Computer Art and Design

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Arts Or Associate of Science

The A.A. or A.S. degree with an emphasis in computer art and design is geared toward those students desiring to transfer to four-year institutions to pursue advanced degrees in graphic design, fine arts, or computer enhanced design. This program will also provide an excellent two-year degree base for those wishing to pursue further work in related fields such as interior design, communications, or television.

First Year		Hours
ART 101,102	Studio Fundamentals ²	4
ART 141	Graphic Design	3
ART 142,143	Computer Art I, II ²	6
ART 181	Visions Seminar I	2
ART 1030	Art Appreciation	3
ENGL 1010,1020	Composition I, II	6
MATH	Mathematics Elective ¹	3
SPCH 201	Basic Speech	3
	First Year Total	30
Second Year		Hours
ART 103	Studio Fundamentals	2
ART 144	Computer Art III ²	3
ART 182	Visions Seminar II	2
ENGL	Sophomore Literature Elective ¹	3
HIST	History Sequence ¹	6
	Physical/Natural Science Sequence ¹	8
	Social Science Electives ¹	6
	Second Year Total	30
	TOTAL HOURS	60

¹ Students should consult curriculum requirements of a senior institution for appropriate course selection.

² Students must make a minimum grade of "C" in ART 101, 102, 142 and 143 before they can register for ART 144 (Computer ART III).

An Associate of Arts (AA) degree requires 6 hours of the same foreign language.

Students pursuing an Associate of Science (AS) degree should take humanities courses recommended by the senior institution.

Students pursuing this area of study will be advised by the Humanities Division.

Computer Science

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

This program is designed for students who wish to major in computer science at the bachelor's level. Upon completion of this two-year program, a student may transfer to a senior institution to complete the requirements for a bachelor of science in computer science, information management, or related field.

First Year		Hours
CST 109	Intro to Programming I	3
CST 203	Data Structures	3
ENGL 1010,1020	Composition I, II	6
MATH 1910	Calculus I	4
MATH	Math Elective ¹	3
	Humanities Elective ¹	3
	Physical/Natural Science Sequence ¹	8
First Year Total		30
Second Year		
ECO 201,202	Economics I, II	6
ENGL	Sophomore English Electives ¹	6
HIST	History Sequence ¹	6
MATH 2050	Probability and Statistics	3
SPCH 201	Basic Speech	3
	Humanities Elective ¹	3
	Social Science Elective ¹	3
Second Year Total		30
TOTAL HOURS		60

¹For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

Students transferring to UTK should consider scheduling foreign language courses while attending Roane State. Foreign language courses do NOT fulfill a humanities elective requirement.

Students pursuing this area of study will be advised by the Mathematics and Sciences Division.

Early Childhood Education

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

The early childhood education curriculum is designed for students who wish to complete the first two years of a program toward teacher certification. This curriculum will meet the lower division requirements for transfer to a senior institution granting the bachelor's degree in early childhood education. Due to varying requirements at four-year institutions, students are encouraged to select courses in consultation with an education advisor.

First Year		Hours
EDU 210	Child and Adolescent Development	3
EDU 223	Instructional Aids and Equipment	1
ENGL 1010,1020	Composition I, II	6
HEA 221	Safety and First Aid	3
HIST	History Sequence ¹	6
MATH 1410	Number Concepts/Algebra Structures	3
MATH 1420	Problem Solving/Geometry	3
SPCH 201	Basic Speech Communication	3
	Humanities Elective	3
First Year Total		31
Second Year		
BIOL 1110	General Biology I or	
BIOL 1120	General Biology II	4
EDU 231	Field Experiences I	2
ENGL	Sophomore Literature Electives ¹	6
GEOG 1210	World Geography I or	
GEOG 1220	Human Geography	3
GEOL 1040	Physical Geology or	
GEOL 1050	Historical Geology	4
MSC 1012	Intro to Physical Sciences	4
SOC 201	Intro to Sociology or	
SOC 211	Cultural Anthropology	3
	Elective	3
Second Year Total		29
TOTAL HOURS		60

¹For specific natural science course recommendations, students should consult the catalog of the senior institution they plan to attend. Some senior institutions require a natural science sequence (two courses within the same discipline).

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

Elementary Education

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

The elementary education curriculum is designed for students who wish to complete the first two years of a program toward teacher certification. This curriculum generally meets the lower division requirements for transfer to a senior institution granting the bachelor's degree in elementary education.

First Year		Hours
EDU 101	Intro to Teaching Profession	2
EDU 210	Child and Adolescent Development	3
EDU 223	Instructional Aids and Equipment	1
ENGL 1010,1020	Composition I, II	6
HEA 221	Safety, First Aid & CPR	3
HIST	History Sequence ¹	6
SOC 201	Intro to Sociology	3
SPCH 201	Basic Speech Communication	3
	Humanities Elective	3
	First Year Total	30
Second Year		
BIOL 1110	General Biology I or	
BIOL 1120	General Biology II	4
EDU 211	Educational Psychology	3
EDU 231	Field Experiences I	2
ENGL	Sophomore Literature Electives	6
GEOG 1210	World Geography I or	
GEOG 1220	Human Geography	3
GEOL 1040	Physical Geology or	
GEOL 1050	Historical Geology	4
MATH 1410	Number Concepts/Algebra Structures	3
MATH 1420	Problem Solving/Geometry	3
PHED	Physical Education Electives	2
	Second Year Total	30
	TOTAL HOURS	60

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

English

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Arts Or Associate of Science

Students in the English curriculum will develop skills as critical thinkers and writers, using the broad foundation of the curriculum to focus on specialized writing situations. These skills will be further emphasized by the study of a wide range of literature and career-oriented writing.

First Year		Hours
CST	Computer Science Elective	3
ENGL 1010,1020	Composition I, II	6
MATH	Mathematics Elective ¹	3
PHIL	Philosophy Elective	3
SPCH 201	Basic Speech	3
	Foreign Language Electives ²	6
	Physical/Natural Science Electives ¹	8
	First Year Total	32
Second Year		
ENGL	Sophomore Literature Electives	6
HIST	History Sequence ¹	6
PHED	Physical Education Elective	1
	Foreign Language Electives ²	6
	Humanities Elective ¹	3
	Social Science Electives ¹	6
	Second Year Total	28
	TOTAL HOURS	60

¹ For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

² Required for Associate of Arts (AA) degree only. Students seeking an Associate of Science (AS) degree should select a general elective appropriate for the senior institution.

Students pursuing this area of study will be advised by the Humanities Division.

Exercise Science/Health & Wellness

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Arts Or Associate of Science

The Exercise Science, Health, and Wellness curriculum is design for students wanting to complete the first two years of a program toward a major in Exercise Science, Fitness and Wellness, and Coaching and Sports management. It could be adapted for those wanting to transfer to a senior institution granting a degree in teacher licensure for Physical Education.

First Year		Hours
ENGL 1010,1020	Composition I, II	6
HIST	History Sequence ¹	6
MUS 1030	Music Appreciation or	
ART 1030	Art Appreciation or	
THEA 1030	Introduction to Theatre	3
MATH 1130	College Algebra ¹ or	
MATH 1530	Probability & Statistics (Non-Calculus Based) ¹	3
BIOL 1110, 1120	General Biology I, II	8
HEA 227	Intro to Exercise Science	3
PHED	Physical Education Elective	1
First Year Total		30
Second Year		
ENGL	Sophomore Literature ¹	3
SPCH 201	Basic Speech Communication	3
BIOL 2010, 2020	Anatomy and Physiology I, II	8
HEA 201	Principles of Nutrition	3
HEA 225	Care and Prevention of Athletic Injuries	3
PHIL 1030	Introduction to Philosophy or	
PHIL 121	Elementary Ethics or	
PHIL 201	Introduction to Religions of the World	3
WELL 1010	Lifetime Wellness	3
PHED	Physical Education Elective	1
	Social Science Elective ¹	3
Second Year Total		30
TOTAL HOURS		60

An Associate of Arts (AA) degree requires 6 hours of the same foreign language. Students pursuing an Associate of Science (AS) degree should take humanities courses recommended by the senior institution.

¹For specific course recommendations, students should consult the catalog and course equivalency table for the institution they plan to attend.

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

Forestry

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

The forestry curriculum is designed for students planning to complete a bachelor's degree at a university after receiving an associate's degree from Roane State. This program will generally meet university transfer requirements. Because of varying requirements at universities, students should meet with an advisor to determine specific requirements of the transfer university before starting this program.

First Year		Hours
BIOL 1110,1120	General Biology I, II	8
BIOL 2015	Environmental Science	3
CHEM 1010	Intro to Chemistry I -OR-	
CHEM 1110	General Chemistry	4
ENGL 1010,1020	Composition I, II	6
MATH 1730	Pre-Calculus	4
MATH 1910	Calculus I	4
First Year Total		29
Second Year		
BIOL 2530	General Ecology	4
ECO 201	Principles of Economics I	3
ENGL	Sophomore Literature ¹	3
HIST	History Sequence ¹	6
MATH 2050	Probability & Statistics (Calculus-Based)	3
SPCH 201	Basic Speech	3
	Humanities Electives ²	6
	Social Science Elective ¹	3
Second Year Total		31
TOTAL HOURS		60

¹ For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

² Choose from PHIL 111 or 121.

Students pursuing this area of study will be advised by the Mathematics and Sciences Division.

General

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Arts Or Associate of Science

With an appropriate choice of electives, a student can, by following this general program, earn an associate degree from RSCC and also complete the lower division requirements for a bachelor's degree at a four-year institution.

First Year		Hours
ENGL 1010,1020	Composition I, II	6
HIST	History Sequence ¹	6
MATH	Mathematics Elective ¹	3
	Social Science Electives ¹	6
	Electives ³	3
	Humanities Electives ^{1,3}	6
	First Year Total	30
Second Year		
CST	Computer Science Elective OR-	
COLL 1020	Technology Essentials	3
ENGL	Sophomore Literature ¹	3
SPCH	Speech Elective	3
	Physical/Natural Science Sequence ¹	8
	Electives ^{2,3}	13
	Second Year Total	30
	TOTAL HOURS	60

¹ For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

² An Associate of Arts (AA) degree requires 6 hours of the same foreign language.

³ Sixteen hours of electives should be taken at the 200 level.

Students pursuing this area of study will be advised by the Mathematics and Sciences Division or Humanities Division.

History

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Arts Or Associate of Science

The history curriculum guide is designed for students planning to complete a bachelors degree at a four-year institution. This guide will obtain for the student a 2 year degree from RSCC and will provide the basic courses for several four-year institutions. You must check the articulation agreement at the institution to which you will be transferring to see the exact courses that institution will require for their degree.

First Year		Hours
ENGL 1010,1020	Composition I, II	6
MATH	Math Elective (1130 or higher level)	3
HIST 1010, 1020	Survey of Western Civilization I, II or	
HIST 1210, 1220	Survey of World History I, II	6
	Physical/Natural Science Sequence ¹	8
PHED	Physical Education Elective	1
	Elective ¹	3
	Humanities Electives ^{1,2}	3
	First Year Total	30
Second Year		
ENGL	Sophomore Literature ¹	3
HIST 2010, 2020	US History	6
SPCH 201	Basic Speech Communication	3
	Electives ¹	12
	Humanities Electives ¹	6
	Second Year Total	30
	TOTAL HOURS	60

An Associate of Arts (AA) degree requires 6 hours of the same foreign language. Students pursuing an Associate of Science (AS) degree should take humanities courses recommended by the senior institution.

¹ For specific course recommendations, students should consult the catalog and course equivalency table for the institution they plan to attend

² Refer to the appropriate general electives section of this catalog for course selection

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

Mathematics

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

The mathematics curriculum will allow students to transfer to four-year colleges or universities and work toward a bachelor's degree in mathematics or any area which has similar requirements for the first two years.

First Year		Hours
BIOL 1110,1120	General Biology I, II ¹ OR	
CHEM 1110,1120	General Chemistry I, II ¹	8
ENGL 1010,1020	Composition I, II	6
HIST	History Sequence ²	6
MATH 1910,1920	Calculus I, II ³	8
SPCH 201	Basic Speech	3
First Year Total		31
Second Year		
ENGL	Sophomore Literature ²	3
MATH 2110	Calculus III	4
MATH	Mathematics* (see below)	6
PHYS 2110	Calculus Based Physics I	4
	Humanities Electives ²	6
	Social Science Electives ²	6
Second Year Total		29
TOTAL HOURS		60

*Take a minimum of 2 of these 3 courses

MATH 2010	Matrix Algebra	3
MATH 2100	Discrete Mathematics	3
MATH 2120	Differential Equations	3

¹ Students should check with the senior institution or the articulation agreement to see which science course is required.

² Students must check with transfer institution for appropriate course selection.

³ If mathematics background or ACT math score is not adequate, consult an advisor about taking MATH 1730 (Pre-Calculus).

Students pursuing this area of study will be advised by the Mathematics and Sciences Division.

Music

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Arts Or Associate of Science

A music major planning to transfer to a senior institution should become familiar with the specific lower division requirements at that institution. The curriculum in this degree is designed to give the general music major a sound basis for continuing music study in a specialized area at a senior institution. NOTE: All music majors must have a major applied area at the college; all music majors must pass a piano proficiency examination equivalent to one year of college piano; all music majors must register every semester for Individual Instruction in Applied Instrument, Ensemble, and MUS 010 - Solo class; all music majors must attend all solo classes and other selected performances; all music major majors must register for MUS 020-recital - the last semester before graduation. Music Theory I, II, III; Ear Training I, II, III; Intro to Digital Music; and all Ensembles are only offered on the Roane County campus. Music Theory I and III and Ear Training I and III are offered fall semester. Music Theory II and Ear Training II are only offered in the spring semester.

First Year		Hours
ENGL 1010,1020	Composition I, II	6
MATH	Math Elective ¹	3
MUS 010	Solo Class (2 semesters)	0
MUS 110	Music Theory I	3
MUS 111	Ear Training I	1
MUS 120	Music Theory II	2
MUS 123	Ear Training II	1
MUS	Individual Instruction in Applied Instrument Ensemble	2
MUS	Humanities Elective ¹	1
	Social Science Elective ¹	6
First Year Total		28
Second Year		
ENGL	Sophomore Literature ¹	3
HIST	History Sequence ¹	6
MUS 010	Solo Class (2 Semesters)	0
MUS 020	Recital	0
MUS 124	Ear Training III	1
MUS 210	Music Theory III	2
MUS 213	Intro to Digital Music	3
MUS	Individual Instruction in Applied Instrument Ensemble	2
MUS	Ensemble	1
SPCH 201	Basic Speech	3
	Physical/Natural Science Sequence ¹	3
	Social Science Elective ¹	8
Second Year Total		32
TOTAL HOURS		60

¹ For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

Students pursuing this area of study will be advised by the Humanities Division.

Music Education

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

The music education curriculum is designed for students who plan to complete a bachelor's degree in music and who desire to receive a certificate to teach music in elementary or secondary school.

NOTE: All music majors must have a major applied area at the college; all music majors must pass a piano proficiency examination equivalent to one year of college piano; all music majors must register every semester for Individual Instruction in Applied Instrument, Ensemble, and MUS 010 - Solo class; all music majors must attend all solo classes and other selected performances; all music major majors must register for MUS 020-recital - the last semester before graduation. Music Theory I, II, III; Ear Training I, II, III; Intro to Digital Music; and all Ensembles are only offered on the Roane County campus. Music Theory I and III and Ear Training I and III are offered fall semester. Music Theory II and Ear Training II are only offered in the spring semester.

First Year		Hours
EDU 210	Child and Adolescent Development	or
EDU 211	Educational Psychology	3
ENGL 1010,1020	Composition I, II	6
MATH	Math Elective	3
MUS 010	Solo Class (2 semesters)	0
MUS 110	Music Theory I	3
MUS 111	Ear Training I	1
MUS 120	Music Theory II	2
MUS 123	Ear Training II	1
MUS	Individual Instruction in Applied Instrument	1
MUS	Ensemble	1
	Humanities Elective ²	6
	Social Science Elective ²	3
First Year Total		30
Second Year		Hours
ENGL	Sophomore Literature ²	3
HIST	History Sequence ²	6
MUS 010	Solo Class (2 semesters)	0
MUS 020	Recital	0
MUS 124	Ear Training III	1
MUS 210	Music Theory III	2
MUS 213	Intro to Digital Music	3
MUS	Individual Instruction in Applied Instrument	1
SPCH 201	Basic Speech	3
	Physical/Natural Science Sequence ²	8
	Social Science Elective ²	3
Second Year Total		30
TOTAL HOURS		60

¹ Check EDU requirements for transfer to senior institutions.

² For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

Students pursuing this area of study will be advised by the Humanities Division.

Musical Theatre

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Arts Or Associate of Science

This program is designed for students who wish to major in musical theatre at the bachelor's level. Upon completion of this two-year program, a student may transfer to a senior institution to complete the requirements for the bachelor's degree in musical theatre, acting, directing, film, communications or a related field.

First Year		Hours
ENGL 1010,1020	Composition I, II	6
MATH	Mathematics Elective ¹	3
MUS 1030	Music Appreciation	3
SPCH 201	Basic Speech Communication	3
THEA 110	Theatre History	3
THEA 112	Musical Theatre Dance	2
THEA 1030	Intro to Theatre	3
	Social Science Elective ¹	6
First Year Total		29
Second Year		Hours
ENGL	Sophomore Literature Elective ¹	3
HIST	History Sequence ¹	6
MUS 010	Solo Class (2 semesters)	0
MUS 213	Intro to Digital Music	3
MUS 191	Individual Instruction in Voice	2
THEA 231	Fundamentals of Acting I	or
THEA 233	Fundamentals of Play Directing	3
THEA 234	Dramatic Theory	3
THEA 2510	Theatre Production Practicum ²	1
THEA	Dance Elective	2
	Physical/Natural Sciences Sequence ¹	8
Second Year Total		31
TOTAL HOURS		60

An Associate of Arts (AA) degree requires 6 hours of the same foreign language.

¹ For specific recommendations, students should consult the catalog of the senior institution they plan to attend.

² Enrollment in this course requires permission of instructor. Students should contact the Humanities Division for additional information.

Students pursuing this area of study will be advised by the Humanities Division.

Physical Science

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

The physical science curriculum will allow students to transfer to four-year colleges or universities and work toward a bachelor's degree in physics or any area which has similar requirements for the first two years.

First Year	Hours
CHEM 1110,1120 General Chemistry I, II	8
ENGL 1010,1020 Composition I, II	6
HIST History Sequence ¹	6
MATH 1910,1920 Calculus I, II ²	8
Social Science Elective ¹	3
First Year Total	31
Second Year	
ENGL Sophomore Literature Elective ¹	3
MATH 2110 Calculus III	4
MATH 2120 Differential Equations	3
PHYS 2110,2120 Calculus Based Physics I, II	8
SPCH 201 Basic Speech	3
Humanities Electives ¹	6
Social Science Elective ¹	3
Second Year Total	30
TOTAL HOURS	61

¹ Students must check with transfer institution for appropriate course selection.

² If mathematics background or ACT math score is not adequate, consult an advisor about taking MATH 1730 (Pre-Calculus) prior to enrolling in MATH 1910.

Students pursuing this area of study will be advised by the Mathematics and Sciences Division.

Political Science

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Arts Or Associate of Science

The curriculum guide in Political Science is designed to assist students planning to complete the bachelor's degree at a four-year institution. In order to meet lower division requirements for transfer to any one of the state's major universities, students should select courses from their choice of emphasis and related social science disciplines. Students should also follow the advice of their faculty advisor and become acquainted with any pre-transfer requirements the senior institution may require.

First Year	Hours
ENGL 1010,1020 Composition I, II	6
MATH Math Elective (1130 or higher level)	3
POL 101 US Government and Politics	3
POL 102 Intro to Political Science	3
PHED Physical/Natural Science Sequence ¹	8
PHED Physical Education Elective	1
PHED Elective	3
Foreign Language or General Elective ¹	6
First Year Total	30
Second Year	
ENGL Sophomore Literature ¹	3
HIST History Sequence ¹	6
MATH Math Elective ¹	3
SPCH 201 Basic Speech Communication	3
Humanities Electives ^{1,2}	6
Foreign Language or General Electives ¹	9
Second Year Total	30
TOTAL HOURS	60

An Associate of Arts (AA) degree requires 6 hours of the same foreign language. Students pursuing an Associate of Science (AS) degree should take humanities courses recommended by the senior institution.

¹ For specific course recommendations, students should consult the catalog and course equivalency table for the institution they plan to attend

² Refer to the appropriate general electives section of this catalog for course selection

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

Pre-Engineering

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

The basic pre-engineering curriculum is designed for students who want to earn bachelor's degrees in any engineering field at a four-year institution. Upon successful completion of the basic program, students can transfer to any college with an engineering program. These programs include: aerospace, biomedical, chemical, civil, electrical, engineering mechanics, engineering physics, engineering science, fire protection, industrial, mechanical, nuclear, environmental.

First Year		Hours
CHEM 1110	General Chemistry I	4
ENGL 1010,1020	Composition I, II	6
ESC 111	Survey of Engineering	1
MATH 1910,1920	Calculus I, II	8
SPCH 201	Basic Speech	3
	Humanities Electives ¹	6
	Social Science Electives ¹	6
	First Year Total	34
Second Year		Hours
ENGL	Sophomore Literature Elective ¹	3
ERG 161	Engineering Graphics ²	2
ESC 211	Statics (Offered fall only)	3
ESC 212	Dynamics (Offered spring only)	3
HIST	History Sequence ¹	6
MATH 2110	Calculus III ³ (Offered fall only)	4
MATH 2120	Differential Equations (Offered spring only)	3
PHYS 2110,2120	Calculus-Based Physics I, II	8
	Second Year Total	32
	TOTAL HOURS	66

¹ For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

² The Fundamentals of Engineering Graphics course (ERG 161) includes application of computers for computer aided design and will satisfy the computer instruction requirements for this program.

³ Students are advised to also take MATH 2010 (Matrix Algebra); check with your advisor.

Students pursuing this area of study will be advised by the Mathematics and Sciences Division.

Pre-Law

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

This curriculum guide is designed exclusively for students who plan to transfer to Middle Tennessee State University. If you plan to attend another university, please contact an advisor to plan a course of study.

This course of study is designed for students who plan to complete a bachelor's degree in Pre-Law and who also intend to apply for admission to law school. Law school admission requirements vary from institution to institution; however, all law schools require applicants to have earned either a B.S. or B.A. degree. All law school applicants must also take the LSAT (Law School Admission Test). Students should consult with their advisor, as well as with the college or university they plan to attend in completing their bachelor's degree.

First Year		Hours
ENGL 1010,1020	Composition I, II	6
HIST	History Sequence ¹	6
LAW 102	Survey of American Law	3
MATH 1130	College Algebra	3
PHED	Physical Education Elective	1
POL 101	U.S. Government & Politics	3
POL 102	Intro to Political Science	3
SPCH 201	Basic Speech Communication	3
	Humanities Elective ¹	3
	First Year Total	31
Second Year		Hours
ECO 201	Principles of Economics I	3
ENGL	Sophomore Literature Electives ¹	6
LAW	Law Electives ¹	6
	Foreign Language Sequence ¹	6
	Physical/Natural Science Sequence ¹	8
	Second Year Total	29
	TOTAL HOURS	60

¹ For specific course recommendations, students should consult the Middle Tennessee State University catalog.

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

Pre-Medicine/Pre-Dentistry

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

This unified basic curriculum in pre-medicine and pre-dentistry is designed to prepare students for schools of medicine and dentistry such as the University of Tennessee or a similar institution, where admission requirements are two years of college experience. Medical college usually requires three or four years of college experience. Roane State students should consult the catalog of the university or professional school of choice and an advisor to determine specific requirements for admission.

First Year	Hours
BIOL 1110,1120 General Biology I, II	8
CHEM 1110,1120 General Chemistry I, II	8
ENGL 1010,1020 Composition I, II	6
MATH 1910 Calculus I ¹	4
Social Science Elective ²	3
First Year Total	29
Second Year	
CHEM 2010,2020 Organic Chemistry I, II	8
ENGL Sophomore Literature Elective ²	3
HIST History Sequence ²	6
PHYS 2010 Non-Calculus Based Physics I ³	4
SPCH 201 Basic Speech	3
Humanities Electives ²	6
Social Science Elective ²	3
Second Year Total	33
TOTAL HOURS	62

¹ If mathematics background or ACT score is not adequate, consult an advisor about taking MATH 1730 (Pre-Calculus).

² For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

³ Consult an advisor about substituting PHYS 2110 for PHYS 2010. Also check with the senior institution about most recent requirements.

Students pursuing this area of study will be advised by the Mathematics and Sciences Division.

Pre-Nursing

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

The pre-nursing curriculum is designed for students planning to complete bachelor's degrees at four-year institutions. Before entering this plan of study, students should become knowledgeable of specific pre-transfer requirements of the transfer institutions to which they attend to apply. Since many programs accept a limited number of applicants early in the school year for the next year's class, application should be made at the end of the freshman year at Roane State.

First Year	Hours
CHEM 1010,1020 Intro to Chemistry I, II ¹	8
ENGL 1010,1020 Composition I, II	6
HEA 201 Principles of Nutrition	3
MATH 1530 Prob. & Statistics (Non-Calculus Based) ^{2,3,4}	3
PSY 110 General Psychology	3
PSY 220 Developmental Psychology	3
SOC 201 Intro to Sociology	3
First Year Total	29
Second Year	
BIOL 2230 Microbiology	4
BIOL 2010,2020 Anatomy & Physiology I, II	8
CST Computer Science Elective ³	3
ENGL Sophomore Literature ³	3
HIST History Sequence ³	6
SPCH 201 Basic Speech Communication	3
Humanities Electives ³	6
Second Year Total	33
TOTAL HOURS	62

¹ Consult with an advisor for appropriate course selection. Some institutions require CHEM 1110 and 1120.

² Students may take a higher level math course.

³ For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

⁴ UTK now requires calculus and calculus based statistics.

Students pursuing this area of study will be advised by the Mathematics and Sciences Division.

Pre-Pharmacy

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

This curriculum is designed for students who plan to apply for admission to pharmacy school. Admission requirements to colleges of pharmacy vary from institution to institution. Students should consult with their advisors as well as the college or university.

Please note: These are the minimum requirements to receive an associate's degree from RSCC. Additional classes will be needed to meet the minimum requirements to the various pharmacy schools. Please consult your advisor or check with the institution to which you will transfer.

First Year		Hours
BIOL 1110,1120	General Biology I, II	8
CHEM 1110,1120	General Chemistry I, II	8
ENGL 1010,1020	Composition I, II	6
MATH 1910	Calculus I ¹	4
	Social Science Electives ³	6
	First Year Total	32
Second Year		Hours
CHEM 2010,2020	Organic Chemistry I, II	8
ENGL	Sophomore Literature ²	3
HIST	History Sequence ²	6
PHYS 2110	Calculus-Based Physics I	4
SPCH 201	Basic Speech	3
	Humanities Elective ²	6
	Second Year Total	30
	TOTAL HOURS	62

¹ If mathematics background or ACT math score is not adequate, consult an advisor about taking MATH 1730 (Pre-Calculus) prior to enrolling in MATH 1910.

² Students must check with transfer institution for appropriate course selection.

³ Psychology, sociology, economics, anthropology and political science are usually acceptable choices. Economics is required by some pharmacy schools. Check with your advisor.

Students pursuing this area of study will be advised by the Mathematics and Sciences Division.

Pre-Veterinary

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

This course of study covers the first two years of the pre-professional work for students who plan to study veterinary medicine. At least one year of additional college level study will be required to meet the minimum requirements for admission to veterinary medicine. It is strongly advised that pre-veterinary students plan their courses so that as well as fulfilling the veterinary medicine prerequisites, they are simultaneously fulfilling the requirements for a bachelor's degree. Most veterinary medicine colleges require students make a satisfactory score on the Veterinary College Admission Test (VCAT). Additional courses may be necessary to enter veterinary programs. Consult your RSCC advisor and senior institution.

First Year		Hours
BIOL 1110,1120	General Biology I, II ¹	8
CHEM 1110,1120	General Chemistry I, II	8
ENGL 1010,1020	English Composition I, II	6
MATH 1910,1920	Calculus I, II ²	8
	First Year Total	30
Second Year		Hours
CHEM 2010,2020	Organic Chemistry I, II OR-	
PHYS 2110,2120	Calculus-Based Physics I, II	8
ENGL	Sophomore Literature	3
HIST	History Sequence ³	6
SPCH 201	Basic Speech	3
	Humanities Electives	6
	Social Science Electives	6
	Second Year Total	32
	TOTAL HOURS	62

¹ Students with at least two years of high school biology or satisfactory ACT scores may, with permission from the Math/Science Division, omit BIOL 1110, 1120 and enter BIOL 2130.

² If mathematics background or ACT math score is not adequate, consult an advisor about taking MATH 1730 (Pre-Calculus).

³ Students must check with transfer institution for appropriate history sequence.

Students pursuing this area of study will be advised by the Mathematics and Sciences Division.

Psychology

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Arts Or Associate of Science

The Psychology curriculum is designed to assist students planning to complete the bachelor's degree at a four-year institution in either psychology or one of the following: social work, child and family studies. Psychology courses are highly recommended and/or required for many academic programs like Criminal Justice and Nursing. Further, psychology courses are highly recommended for those programs that deal with people and their behaviors (e.g. business, medicine, education). Students should follow the advice of their faculty advisor and become acquainted with any pre-transfer requirements a senior institution may require.

First Year		Hours
ENGL 1010,1020	Composition I, II	6
MATH 1130	College Algebra	3
PSY 110	General Psychology ³	3
BIOL 1110, 1120	General Biology I, II	8
PHED	Physical Education Elective	1
	Humanities Elective ^{1,2}	3
	Elective ¹	6
First Year Total		30
Second Year		
ENGL	Sophomore Literature ¹	3
HIST	History Sequence ¹	6
MATH 1530	Probability and Statistics	3
SPCH 201	Basic Speech	3
PSY 210, 220	Psychology Electives	6
	Humanities Electives ^{1,2}	6
	Electives ¹	6
Second Year Total		30
TOTAL HOURS		60

An Associate of Arts (AA) degree requires 6 hours of the same foreign language. Students pursuing an Associate of Science (AS) degree should take humanities courses recommended by the senior institution.

¹ For specific course recommendations, students should consult the catalog and course equivalency table for the institution they plan to attend.

² Refer to the appropriate general electives section of this catalog for course selection.

³ PSY 110 (General Psychology) is not a prerequisite for students wishing to take other psychology courses.

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

Secondary Education

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

The secondary education curriculum is designed for students who wish to complete the first two years of a program toward teacher certification. This curriculum will generally meet the lower division requirements for transfer to a senior institution granting the bachelor's degree in secondary education.

First Year		Hours
EDU 101	Intro to Teaching Profession	2
EDU 210	Child and Adolescent Development	3
EDU 211	Educational Psychology	3
ENGL 1010,1020	Composition I, II	6
HIST	History Sequence	6
PHED	Physical Education Elective	1
MATH 1130	College Algebra	3
SPCH 201	Basic Speech Communication	3
	Humanities Elective	3
First Year Total		30
Second Year		
BIOL 1110,1120	General Biology I, II	or
GEOL 1040/1050	Physical Geology/Historical Geology	8
EDU 223	Instructional Aids and Equipment	2
EDU 231	Field Experiences I	2
ENGL	Sophomore Literature	6
HEA 221	Safety, First Aid & CI	3
MATH	Math Elective	3
PHED	Physical Education Elective	1
	Social Science Electives	6
Second Year Total		30
TOTAL HOURS		60

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

Students planning to transfer to the University of Tennessee (Knoxville) will major in the area they plan to teach (English, History, Foreign Language, etc.) and minor in Education when they enroll there.

Social Science

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Arts Or Associate of Science

The social science curriculum is designed to assist students planning to complete the bachelor's degree at a four-year institution in any one of the following: geography, history, political science, psychology, and sociology. In order to meet lower division requirements for transfer to any one of the state's major universities, students should select social science courses from their choice of emphasis and related social science disciplines. Students should also follow the advice of their faculty advisor and become acquainted with any pre-transfer requirements the senior institution may require.

First Year		Hours
ENGL 1010,1020	Composition I, II	6
HIST	History Sequence ¹	6
MATH 1130	College Algebra	3
PHED	Physical Education Elective	1
	Elective	3
	Social Science Electives ¹	9
	First Year Total	28
Second Year		
ENGL	Sophomore Literature ¹	3
SPCH 201	Basic Speech	3
	Elective	3
	Humanities Electives ¹	6
	Physical/Natural Science Sequence	8
	Social Science Electives ²	9
	Second Year Total	32
	TOTAL HOURS	60

¹ For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

² At least 12 hours of Social Science should be taken at the 200 level.

An Associate of Arts (A.A.) degree requires 6 hours of the same foreign language. This should be taken as part of the elective hours.

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

Social Work

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Arts Or Associate of Science

The curriculum guide in Social Work is designed to assist students planning to complete the bachelor's degree at a four-year institution. In order to meet lower division requirements for transfer to any one of the state's major universities, students should select courses from their choice of emphasis and related social science disciplines. Students should also follow the advice of their faculty advisor and become acquainted with any pre-transfer requirements the senior institution may require.

First Year		Hours
ENGL 1010,1020	Composition I, II	6
MATH	Math Elective (1130 or higher)	3
SOC 201	Intro to Sociology	3
	Physical/Natural Science Sequence ¹	8
PHED	Physical Education	1
	Humanities Elective ^{1,2}	3
	Electives ¹	6
	First Year Total	30
Second Year		
ENGL	Sophomore Literature ¹	3
HIST	History Sequence ¹	6
MATH	Math Elective ¹	3
SPCH 201	Basic Speech Communication	3
SOC 202, 211	Sociology Electives	6
	Humanities Elective ^{1,2}	3
	Electives ¹	6
	Second Year Total	30
	TOTAL HOURS	60

An Associate of Arts (AA) degree requires 6 hours of the same foreign language. Students pursuing an Associate of Science (AS) degree should take humanities courses recommended by the senior institution.

¹ For specific course recommendations, students should consult the catalog and course equivalency table for the institution they plan to attend.

² Refer to the appropriate general electives section of this catalog for course selection.

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

Sociology

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Arts Or Associate of Science

The curriculum guide in Sociology is designed to assist students planning to complete the bachelor's degree at a four-year institution. In order to meet lower division requirements for transfer to any one of the state's major universities, students should select courses from their choice of emphasis and related social science disciplines. Students should also follow the advice of their faculty advisor and become acquainted with any pre-transfer requirements the senior institution may require.

First Year		Hours
ENGL 1010,1020	Composition I, II	6
MATH	Math Elective (1130 or higher level)	3
SOC 201	Introduction to Sociology ³ or	
SOC 202	Social Problems ³ or	
SOC 211	Cultural Anthropology ³	3
	Physical/Natural Science Sequence	8
PHED	Physical Education Elective	1
	Humanities Elective ^{1,2}	3
	Elective ¹	6
	First Year Total	30
Second Year		
ENGL	Sophomore Literature ¹	3
HIST	History Sequence ¹	6
MATH	Math Elective ¹	3
SPCH 201	Basic Speech Communication	3
SOC 201	Introduction to Sociology ³ or	
SOC 202	Social Problems ³ or	
SOC 211	Cultural Anthropology ³	6
	Elective ¹	6
	Humanities Electives ¹	3
	Second Year Total	30
	TOTAL HOURS	60

An Associate of Arts (AA) degree requires 6 hours of the same foreign language. Students pursuing an Associate of Science (AS) degree should take humanities courses recommended by the senior institution.

¹For specific course recommendations, students should consult the catalog and course equivalency table for the institution they plan to attend.

²Refer to the appropriate general electives section of this catalog for course selection.

³Students majoring in Anthropology should note that Cultural Anthropology and Prehistory & Archaeology are listed in the course catalog as SOC 211 and 212. Anthropology 2150 is Native American Studies.

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

Special Education

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

The special education curriculum is designed for students who wish to complete the first two years of a program toward teacher certification. This curriculum will generally meet the lower division requirements for transfer to a senior institution granting the bachelor's degree in special education.

First Year		Hours
ART 1030	Art Appreciation or	
MUS 1030	Music Appreciation	3
EDU 101	Intro to Teaching Profession	2
EDU 111	Intro to Edu Except Child	2
EDU 210	Child and Adolescent Development	3
EDU 211	Educational Psychology	3
ENGL 1010,1020	Composition I, II	6
HEA 221	Safety, First Aid & CPR	3
HIST	History Sequence	6
SPCH 201	Basic Speech Communications	3
	First Year Total	31
Second Year		
BIOL 1110	General Biology I or	
BIOL 1120	General Biology II	4
EDU 231	Field Experiences I	2
EDU 223	Instructional Aids and Equipment	1
ENGL	Sophomore Literature	6
GEOL 1040	Physical Geology or	
GEOL 1050	Historical Geology	4
MATH 1410	Number Concepts/Algebra Structures	3
MATH 1420	Problem Solving/Geometry	3
SOC 201	Intro to Sociology	3
	Social Science Elective	3
	Second Year Total	29
	TOTAL HOURS	60

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

Theatre

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

This program is designed for students who wish to major in theatre at the bachelor's level. Upon completion of this two-year program, a student may transfer to a senior institution to complete the requirements for the bachelor's degree in theatre, musical theatre, acting, directing, film, communications or a related field.

First Year		Hours
ENGL 1010,1020	Composition I, II	6
MATH	Mathematics Elective ¹	3
SPCH 201	Basic Speech Communication	3
THEA 1030	Introduction to Theatre	3
THEA 110	Theatre History	3
THEA 231	Fundamentals of Acting I	3
THEA 2510	Theatre Production Practicum I ²	1
	Social Science Elective ¹	6
	First Year Total	28
Second Year		
ENGL	Sophomore Literature Elective ¹	3
HIST	History Sequence ¹	6
THEA 115	Special Topics Costuming	or
THEA 117	Special Topics Lighting Design	or
THEA 119	Special Topics Scenic Design	3
THEA 232	Fundamentals of Acting II	3
THEA 233	Fundamentals of Play Directing	3
THEA 234	Dramatic Theory	3
	Humanities Elective ¹	3
	Physical/Natural Sciences Sequence ¹	8
	Second Year Total	32
	TOTAL HOURS	60

¹ For specific recommendations, students should consult the catalog of the senior institution they plan to attend.

² Enrollment in this course requires permission of instructor. Students should contact the Humanities Division for additional information.

Students pursuing this area of study will be advised by the Humanities Division.

Wildlife and Fisheries

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Please see Articulation for accurate planning

Degree: Associate of Science

The wildlife and fisheries curriculum is designed for students planning to complete a bachelor's degree at a university after receiving an associate's degree from Roane State. This program will generally meet university transfer requirements. Because of varying requirements at universities, students should meet with an advisor to determine specific requirements of the transfer university before starting this program.

First Year		Hours
BIOL 1110,1120	General Biology I, II	8
CHEM 1110,1120	General Chemistry I, II	8
ENGL 1010,1020	Composition I, II	6
MATH 1530	Prob. & Statistics (Non-Calculus Based)	3
MATH 1830	Basic Calculus	3
	Humanities Elective ²	3
	First Year Total	31
Second Year		
BIOL 2120	Cell Biology	4
BIOL 2530	General Ecology	4
ENGL	Sophomore Literature ²	3
HIST	History Sequence ²	6
SPCH 201	Basic Speech Communications	3
	Elective ²	3
	Social Science Electives ²	6
	Second Year Total	29
	TOTAL HOURS	60

¹ If mathematics background or ACT math score is not adequate, students must complete MATH 1130 (College Algebra) prior to enrolling in MATH 1830.

² For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

Students pursuing this area of study will be advised by the Mathematics and Sciences Division.

Associate of Science in Teaching

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.**

Tennessee Technological University now offers coursework leading to the completion of a B.S. in Multidisciplinary Studies - Human Learning (K-6) at four Roane State campuses: Roane County, Oak Ridge, Cumberland and Scott Counties. For additional information, please visit <http://www.roanestate.edu/2plus2> or call 1-866-462-7722 ext. 4642 or 865-882-4642.

Additional Degree Requirements:

1. Attainment of a 2.75 cumulative grade point average.
2. Successful completion of PRAXIS I or ACT score of 22 or higher.
3. Satisfactory rating on an index of suitability for the teaching profession.

First Year		Hours	
ENGL	1010, 1020	Composition I, II	3, 3
SPCH	201	Basic Speech Communication	3
ART	1030	Art Appreciation or	
MUS	1030	Music Appreciation	3
MATH	1410, 1420	Number Concepts/Algebra Structures, Problem Solving/Geometry	3, 3
EDU	101	Introduction to the Teaching Profession	2
EDU	223	Instructional Aids & Equipment	1
EDU	111	Introduction to Educating Exceptional Child	3
GEOG	1210	World Geography	3
ASTR	1010	Introduction to Astronomy or	
GEOL	1040	Physical Geology or	
GEOL	1050	Historical Geology	4
First Year Total			31
Second Year			
POL	101	U.S. Government and Politics or	
SOC	201	Introduction to Sociology	3
MATH	1530	Probability and Statistics	3
EDU	212	Child Development & Psychology	3
HIST	2010, 2020	Survey of United States History I, II, or	
HIST	2030	Tennessee History (SELECT TWO)	3, 3
BIOL	1110	General Biology I	4
MSC	1012	Physical Science	4
ENGL		Sophomore Literature ¹	3
		Additional Humanities Elective ¹	3
Second Year Total			29
TOTAL HOURS			60

¹ Courses must come from the TBR General Education List

Career Preparation Programs

Associate of Applied Science Degree Programs

Associate of Applied Science Degree

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 in order to meet the graduation residency requirement. Contact your advisor for the requirement of your program.

Business Management Technology, Accounting Option

The accounting option 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.

First Year		Hours
BUS 101	Introduction to Business	3
BUS 111	Business Math	3
BUS 221, 222	Principles of Accounting I, II	3, 3
BUS 255	Micro Accounting Appl I	3
BUS 273	Principles of Marketing	3
BUS 281	Management & Supervision	3
COLL 1020	Technology Essentials	3
ENGL 1010	Composition	3
SPCH 201	Basic Speech	3
First Year Total		30
Second Year		Hours
BUS 224	Cost Accounting	3
BUS 225	Federal Income Tax - Personal	3
BUS 226	Federal Income Tax - Business	3
BUS 227	Fund Accounting	3
BUS 233	Intermediate Accounting	4
BUS 251	Legal Environment for Business	3
BUS 257	Micro Accounting Appl II	2
ECO 201	Economics I	3
MATH 1530	Prob. & Statistics	3
	Humanities Elective	3
Second Year Total		30
TOTAL HOURS		60

Students pursuing any of the Business Management Technology programs will be advised by the Social Science, Business and Education Division.

This program is accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

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.

Business Management Technology, Business Administration Option

The Business Administration option is designed to provide students with the necessary education and skills to own and operate a small business or to work for 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 co-op as a business elective.

First Year		Hours
BUS 101	Introduction to Business	3
BUS 111	Business Math	3
BUS 112	Personal Finance	3
BUS 261	Psych Aspects of Management	3
BUS 271	Sales	3
BUS 273	Principles of Marketing	3
COLL 1020	Technology Essentials	3
ENGL 1010	Composition I	3
MATH 1530	Probability & Statistics	3
SPCH 201	Basic Speech	3
First Year Total		30
Second Year		Hours
BUS 221, 222	Principles of Accounting I, II	6
BUS 236	Negotiations/Conflict Resolution	3
BUS 251	Legal Environment for Business	3
BUS 278	Entrepreneurship	3
BUS 281	Management and Supervision	3
CST 103	Computer Presentations	or
CST 135	Spreadsheets	3
ECO 201	Economics I	3
	Directed Elective ¹	3
	Humanities Elective	3
Second Year Total		30
TOTAL HOURS		60

¹Directed Electives: BUS, CST, ECO 202, or Co-Op.

Students pursuing any of the Business Management Technology programs will be advised by the Social Science, Business and Education Division.

This program is accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

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.

Business Management Technology, Business Management Option

The Business Management option is designed to provide students with the necessary education and skills to function as a first-line manager or supervise in a business environment. 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 co-op as a business elective.

First Year		Hours
BUS 101	Introduction to Business	3
BUS 111	Business Math	3
BUS 112	Personal Finance	3
BUS 261	Psych Aspects of Management	3
BUS 273	Principles of Marketing	3
BUS 281	Management and Supervision	3
COLL 1020	Technology Essentials	3
ENGL 1010	Composition I	3
MATH 1530	Probability & Statistics or	
MATH 1830	Basic Calculus	3
SPCH 201	Basic Speech	3
First Year Total		30
Second Year		Hours
BUS 215	Business Ethics	3
BUS 221, 222	Principles of Accounting I, II	3, 3
BUS 236	Negotiations/Conflict Resolution	3
BUS 251	Legal Environment for Business	3
BUS 284	Management Seminar	3
CST 103	Computer Presentations or	
CST 135	Spreadsheets	3
ECO 201	Economics I	3
	Directed Elective ¹	3
	Humanities Elective	3
Second Year Total		30
TOTAL HOURS		60

¹Directed Elective: BUS, CST, ECO 202, or Co-Op.

Students pursuing any of the Business Management Technology programs will be advised by the Social Science, Business and Education Division.

This program is accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

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.

Business Management Technology, E-Commerce

An E-Commerce concentration is intended to prepare students to meet technical career needs in business and industry for entry level positions such as:

- Web Server Administrator
- Webmaster
- E-Commerce Manager
- HTML Programmer
- Help Desk/User Support
- Web Technologist
- Web Developer
- Web Designer/Programmer
- Web Producer

Specialists in these positions will be able to administer and manage web servers and design and program transaction-based web sites that interface to databases. They will be able to communicate effectively and use key programming, publishing, database and transaction tools. With both a business and technical perspective, they will be able to identify E-commerce issues such as telecommunications, security, and scalability.

First Year			Hours
BUS	101	Introduction to Business	3
COLL	1020	Technology Essentials	3
BUS	273	Principles of Marketing	3
CST	108	Web Fundamentals	3
BUS	221	Principles of Accounting I	3
BUS	281	Management and Supervision	3
BUS	251	Legal Environment for Business	3
BUS	111	Business Mathematics	3
ENGL	1010	Composition I	3
SPCH	201	Basic Speech	3
First Year Total			30
Second Year			
CST	109	Introduction to Programming	3
CST	237	e-Commerce Design	3
CST	236	Web Design Methodology	3
CST	202	Introduction to Project Management	3
CST	105	Database Creation and Design	3
MATH	1530	Probability & Statistics	3
		Humanities Elective	3
		Social/Behavioral Science Elective	3
		¹ CST Directed Elective or Co-op in web position	3
		² BUS Elective	3
Second Year Total			30
TOTAL HOURS			60

¹CST directed electives included below.

²BUS electives may be selected from any other Business course not required in this major/option.

CST	135	Spreadsheets	3
CST	142	Networking Essentials	3
CST	143	Introduction to Routers	3
CST	203	Data Structures	3
CST	204	Database Programming	3
CST	206	Introduction to Network Security	3
CST	215	Operating Systems	3
CST	218	Advanced JAVA	3
CST	238	Intro to Java Script	3
CST	275	Unix/Linux Operating Systems	3
COE		Co-Op (see advisor)	3

Students pursuing any of the Business Management Technology programs will be advised by the Social Science, Business and Education Division.

This program is accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

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.

Business Management Technology, Computer Science Option

This option 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.

First Year		Hours
BUS 101	Introduction to Business	3
COLL 1020	Technology Essentials	3
CST 103	Computer Presentations	3
CST 105	Database Creation and Design	3
CST 108	Web Fundamentals	3
CST 109	Introduction to Programming	3
CST 202	Intro to Project Management	3
CST 117	Introduction to Visual Basic	3
ENGL 1010	Composition I	3
SPCH 201	Basic Speech	3
First Year Total		30
Second Year		
BUS 111	Business Math	3
BUS 221	Accounting I	3
BUS 281	Management & Supervision	3
CST 137	PC Repairs and Maintenance	3
CST	Electives ¹	9
MATH 1530	Probability & Statistics	3
	Humanities Elective	3
	Social/Behavioral Science Elective	3
Second Year Total		30
TOTAL HOURS		60

¹CST electives included below.

CST 135	Spreadsheets	3
CST 142	Networking Essentials	3
CST 143	Introduction to Routers	3
CST 203	Data Structures	3
CST 204	Database Programming	3
CST 206	Introduction to Network Security	3
CST 215	Operating Systems	3
CST 218	Advanced Java	3
CST 236	Web Design Methodology	3
CST 237	e-Commerce Design	3
CST 238	Intro to Java Script	3
CST 275	Unix/Linux Operating Systems	3
COE	Co-Op (see advisor)	3

Students pursuing any of the Business Management Technology programs will be advised by the Mathematics and Sciences Division.

This program is accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

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.

Business Management Technology, Office Administration Option

This option is designed to prepare students for employment in offices using automated systems and procedures. Emphasis is placed on the use of computer-based word processing, spreadsheet, and database software in the performance of office functions. Completion of this program enables students to qualify for intermediate office positions and lays the foundation for entry into office management positions.

First Year		Hours
BUS 101	Intro to Business	3
BUS 111	Business Math	3
COLL 1020	Technology Essentials	3
CST 103	Computer Presentations	3
CST 135	Spreadsheets	3
ENGL 1010	Composition I	3
OAD 101	Keyboarding and Formatting	3
OAD 102	Document Processing	3
OAD 105	Business Communications	2
BUS 100	Career Planning	1
	Social Science Elective	3
First Year Total		30
Second Year		
BUS 221	Accounting I	3
BUS 281	Management & Supervision	3
OAD 201	Administrative Office Management	3
OAD 203	Business Writing	3
OAD 204	Information and Document Control	3
OAD 205	Integrated MS Office Applications	3
OAD 250	Work Experience	3
SPCH 201	Basic Speech	3
	Humanities Elective	3
	Natural Science/Math Elective	3
Second Year Total		30
TOTAL HOURS		60

See the “Admissions Procedures” section for information on semester credits awarded for passing the Certified Professional Secretaries (CPS) examination.

Students pursuing this option will be advised by the Social Science, Business and Education Division.

This program is accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

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.

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.

First Year			Hours
MGT	200	Foundations of Business	4
MGT	201	Management Concepts	4
MGT	203	Human Resources Management	4
MGT	205	Marketing in the Global Economy	4
MGT	206	Applied Economics	4
MGT	207	Managerial Accounting & Finance	4
		Electives ¹	6
First Year Total			30
Second Year			
ENGL	1010	Composition I	3
SPCH	201	Basic Speech	3
		Computer Science Elective ²	3
		Electives ¹	9
		Humanities Elective	3
		Math Elective (MATH 1130 or higher)	3
		Natural Science Elective	3
		Social Science Elective	3
Second Year Total			30
TOTAL HOURS			60

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 210-Business & Its Legal Environment; MGT 225-Resolving Conflict/Negotiation. These 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, Keyword: MGT, or call toll free 1-866-462-7722 ext. 4332 or 865-354-3000 ext. 4332.

²Students may take COLL 1020 Technology Essentials or any CST elective.

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

This program is accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

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.

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.

According to the U.S. Bureau of Labor Statistics, criminal Justice employment opportunities will increase as much as 35% through 2010. The two-year associate degree is formed to meet the needs of society for personnel capable of entry and advancement into these career opportunities.

First Year			Hours
CRJT	101	Intro to Criminal Justice	3
CRJT	111	Criminal Procedures	3
CRJT	112	Court Procedures	3
CRJT	213	Criminal Investigation	3
CRJT	214	Understanding Terrorism	3
ENGL	1010	Composition	3
POL	101	U.S. Government & Politics	3
POL	102	Intro to Political Science	3
PSY	110	General Psychology	3
SOC	201	Intro to Sociology	3
First Year Total			30
Second Year			
CRJT	105	Intro to Corrections	3
CRJT	110	Juvenile Delinquency	3
CRJT	201	Police Administration & Organization	3
CRJT	221	Criminal Law	3
CRJT	231	Special Topics in Criminal Justice	3
SPCH	201	Basic Speech	3
		Humanities Elective	3
		Natural Science/Math Elective	3
		Electives	6
Second Year Total			30
TOTAL HOURS			60

Students pursuing this option will be advised by the Social Science, Business and Education Division.

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.

Acquiring Credit for Criminal Justice

Currently enrolled criminal justice students may petition for the granting of academic 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. Individual portfolios for training received at any one of the state's three, eight-week, basic recruit facilities, or the twenty-four week Knoxville basic recruit academy are not necessary since all the training is uniform. Additional academic credit may be awarded for in-service training at specialized schools; contingent upon how the training curriculum corresponds to the competency based curriculum objectives for individual police science courses.

Academic experiential credit will be awarded and will not exceed 18 semester hours. A copy of the training certificate should be sent to the Criminal Justice department. The Records and Registration Office will assign course credit. A grade of “P” will be assigned to experiential credit. Experiential credit cannot be granted until the student is enrolled

(full- or part-time) for classes at Roane State.

Students who complete the Knoxville Police Department’s recruit training program will receive the following experiential course credit.

		Hours
CRJT 101	Intro to Law Enforcement	3
CRJT 111	Criminal Procedures	3
CRJT 112	Court Procedures	3
CRJT 201	Police Admin and Org	3
CRJT 213	Criminal Investigation	3
		15

Students who complete one of the state’s three, eight-week, basic recruit training programs will receive the following experiential course credit.

CRJT 101	Intro to Law Enforcement	3
CRJT 111	Criminal Procedures	3
CRJT 221	Criminal Law	3
		9

Early Childhood Education

There are several options available at Roane State for students wishing to enter the field of early childhood education. Students may enter the TECTA program to pursue a state awarded Childcare Director's Credential or the nationally awarded Child Development Associate Credential. Those students may then wish to pursue our Early Childhood Education A.A.S. degree. Students may also wish to enter the A.A.S. program directly if not pursuing the CDA credential.

Tennessee Early Childhood Training Alliance

The TECTA program is designed for students who have a GED or high school diploma, are currently working in a licensed or registered child care facility, and reside in Tennessee. The program provides 30 hours of cost free orientation. The participant then enrolls as a Roane State student and begins the first of five college classes which leads to the Child Development Associates (CDA) credential.

Student Requirements

1. Submit an application for admission and \$10 non-refundable application fee.
2. Submit an official copy of high school transcript or GED scores.

The following courses are required:

TECTA Orientation (0) Non-credit

This course provides the childcare worker with thirty hours of instruction in the following areas: professionalism, individualism and cultural diversity, child development, developmentally appropriate practices, learning environments, health and safety, guidance, observation and assessment, family relationships, human relations, environment, and activities and curriculum. Prerequisite to the Level classes-students must enroll in one of the following Orientation classes (30 clock hours): Center Based; Infant/Toddler; School-Age; Family Based; Administration.

ECED 2010	Safe, Healthy, Learning Environment	3
ECED 2015	Foundations of Early Childhood Development	3
ECED 2040	Family Dynamics and Community Involvement	3
ECED 2130	Practicum (Co-requisite ECED 2010)	2
ECED 2140	Clinical	2
TOTAL SEMESTER HOURS		11

Students pursuing this credential will be advised by the TECTA Office. After completing these classes, students may wish to further their education by pursuing an A.A.S. degree in early childhood education.

Associate of Applied Science Degree - Early Childhood Education

Roane State has developed the following courses to support the Head Start Reauthorization Act degree requirements for Head Start teacher/ staff.

First Year		Hours
ECED 1010	Intro to Early Childhood Education	2
ECED 2010	Safe, Healthy, Learning Environment	3
ECED 2015	Early Childhood Curriculum	3
ECED 2020	Infant, Toddler Child Development	3
ECED 2130	Clinical Practicum I	2
ENGL 1010	Comp I	3
SPCH 201	Basic Speech	3
	Elective	3
	Math Elective	3
	Physical/Natural Science Elective	4
First Year Total		29

Second Year

ECED 2040	Family Dynamics & Community Involvement	3
ECED 2060	Development of Exceptional Children	3
ECED 2070	Developmental Assessment	3
ECED 2080	Language & Literacy in Early Childhood	3
ECED 2085	Math & Science in Early Childhood	3
ECED 2140	Clinical Practicum II	2
ECED 2150	Clinical Practicum III	2
ECED	Elective	3
	Elective	3
	Humanities Elective	3
	Social/Behavioral Science Elective	3
	Second Year Total	31
	TOTAL HOURS	60

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 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.

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. An articulation agreement between Roane State and East Tennessee State University (ETSU) exists for those who complete this degree program at Roane State and wish to pursue the baccalaureate degree at ETSU. See your Roane State advisor for curriculum information.

First Year		Hours
BIOL 2015	Environmental Science	3
CHEM 1110,1120	General Chemistry I, II	8
EDU 100	Orientation to College	1
EHT 120	Waste Management & Poll Prev	3
EHT 130	Industrial Hygiene & Safety I	3
ENGL 1010	Composition I	3
SPCH	Speech Elective	3
	Humanities Electives	3
	Social Science Elective	3
	First Year Total	30
Second Year		
BIOL 1110	General Biology I	4
BIOL 1120	General Biology II or	
BIOL 2530	General Ecology	4
EHT 201	Environmental Law	3
EHT 210	Environmental Instrumentation	3
EHT 211	Safety and Emergency Response	3
EHT 215	Appl Rad Control Tech	3
EHT 230	Industrial Hygiene & Safety II	3
EHT 242	Internship ¹	4
GEOL 1040	Physical Geology	4
MATH 1530	Probability and Statistics	3
	Second Year Total	30-34
	TOTAL HOURS	60-64

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.

With the exception of students transferring on the ETSU articulation agreement, 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.

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, by transferring credit earned in a diploma program at a Tennessee Technology Center or technical certificate at a community college, through recognized industry, certification programs, and by portfolio assessment of college-level learning gained through employment. Students must seek advisement from the Business Technology division faculty in order to choose appropriate technical electives.

			Hours
BUS	100	Career Planning	1
COLL	1020	Technology Essentials	3
ENGL	1010	Composition I	3
MATH	1130	College Algebra or Higher Level Math	3
SPCH	201	Basic Speech	3
		Humanities Elective	3
		Social Science Elective	3
		Natural Science/Math Elective	3
		Electives ¹	38
TOTAL SEMESTER HOURS			60

¹Students should contact their academic advisors for appropriate electives.

Students pursuing this area of study will be advised by the Mathematics and Sciences Division.

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.

Geographic Systems

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.

			Hours
First Year			
COLL	1020	Technology Essentials	3
CST	109	Intro to Programming	3
CST	117	Intro to Visual Basic	3
ENGL	1010	Composition I	3
GIS	101	Introduction to GIS	4
GIS	105	Computer Cartography	3
GIS	110	Geographic Database Technology	3
MATH	1530	Probability & Statistics	3
SPCH	201	Basic Speech	3
First Year Total			28
Second Year			
CST	105	Database Management	3
CST		Directed CST Elective ¹	3
GEOG	1210	World Geography	3
GEOL	1040	Physical Geology	4
GIS	210	Global Positioning Systems & Digital Imagery	3
GIS	211	GIS Internet Mapping Technology	3
GIS	220	GIS Network & Demographic Applications	3
GIS	230	GIS Project Management	3
GIS	290	Directed Research Project	4
		Humanities Elective	3
Second Year Total			32
TOTAL HOURS			60

¹Consult advisor for directed elective.

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

An articulation agreement between Roane State and East Tennessee State University (ETSU) exists for those who complete this program and wish to pursue a bachelor's degree. See your Roane State advisor for curriculum information, or visit <http://www.roanestate.edu/articulation>.

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.

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.

First Year			Hours
ENGL	1010	Composition I	3
LAW	101	Intro to the Legal Profession & Legal Ethics	3
LAW	102	Survey of American Law	3
LAW	140	Legal Research	3
LAW	150	Legal Writing	3
LAW	160	Torts	3
LAW	170	Criminal Law	3
POL	101	U.S. Government & Politics	3
SPCH	201	Basic Speech	3
		Natural Science/Math Elective	4/3
First Year Total			30

Second Year

COLL	1020	Technology Essentials or	
HIT	107	Medical Terminology	3
LAW	201	Domestic Relations	3
LAW	221	Civil Trial & Appellate Practice	3
LAW	231	Estates & Trusts	3
LAW	235	Legal Environment for Business	3
LAW	240	Legal Internship (offered only in Summer)	3
LAW	241	Real Property	3
LAW		Law Elective	3
SOC	201	Intro to Sociology or	
SOC	211	Cultural Anthropology	3
		Humanities Elective	3
Second Year Total			30
TOTAL HOURS			60

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 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.

Nursing

Admission Policies for Associate of Applied Science

The two-year Associate Degree Nursing Program qualifies students to take the NCLEX-RN to become Registered Nurses.

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 Office.
 - C. Take the ACT exam (for applicants under 21 years of age).
 - D. Complete Academic Development courses 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.
- II. In addition to requirements above, applicants must meet requirement A or B or C below.
 - A. Complete at least 12 hours of work from the general education requirements in the Nursing curriculum with a minimum 2.75 GPA. These hours must be completed prior to the application deadline (third Friday in January). A "C" or better must be attained in each required science course. MATH 1130 or higher level MATH must be completed with a grade of "C" or better prior to the application deadline. Math 1410 will not fulfill the requirement.
 - B. Students under 21 years of age must attain a composite score of 20 or above on the ACT battery. MATH 1130 or higher must be completed with a grade of "C" or better prior to application deadline.
 - C. Licensed Practical Nurses may be admitted by fulfilling the following:
 1. Meet requirements I. A, B, C, and D above.
 2. Pass a proficiency exam.
 3. Complete MATH 1130 or higher content level math and BIOL 2010 with a grade of "C" or better prior to admission.
- III. Only nursing courses which were completed within three years prior to applying for admission or readmission will be considered. Science courses more than ten years old will not be considered.
- IV. 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. 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.
- V. Health:
 - 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 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.
- VI. Other
 - A. Criminal background checks 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. 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, based on ACT score or GPA in required general education courses completed. It will be to your 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.

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 NLN 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 each semester 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 state their intention in writing to the Dean of Nursing at least 30 days prior to summer semester, or 90 days prior to fall or spring semester. They must also have an exit interview with the Dean of Nursing before they will be considered for readmission.**
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. 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 sufficient for clinical judgement. (Identify cause-effect relationships in clinical situations, develop nursing care plans.)

Interpersonal - Interpersonal abilities sufficient to interact with individuals, families, and groups from a variety of social, emotional, cultural, and intellectual backgrounds. (Establish rapport with patients/clients and colleagues.)

Communication - Communication abilities sufficient for interaction with others in verbal and written form. (Explain treatment procedures, initiate health teaching, document and interpret nursing actions and patient/client responses.)

Mobility - Physical abilities sufficient to move from room to room and maneuver in small spaces. (Moves around in patient’s room, work spaces, and treatment areas, administer cardio-pulmonary procedures.)

Motor Skills - Gross and fine motor abilities sufficient to provide safe and effective nursing care. (Calibrate and use equipment; position patients/clients.)

Hearing - Auditory ability sufficient to monitor and assess health needs. (Hears monitor alarm, emergency signals, auscultatory sounds, cries for help.)

Visual - Visual ability sufficient for observation and assessment necessary in nursing care. (Observes patient/client responses.)

Tactile - Tactile ability sufficient for physical assessment. (Perform palpation, functions of physical examination and/or those related to therapeutic intervention, e.g. insertions of a catheter.)

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.

Accreditation

The Roane State Nursing Program is accredited by the National League for Nursing Accrediting Commission, Inc., 3343 Peachtree Road, NE, Suite 500, Atlanta, GA, 30326.

Degree Information

The two-year 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.

A grade of “C” or better is required in MATH 1130 or higher content level MATH prior to the application deadline.

These classes may be taken prior to being accepted into the program.

BIOL	2230	Microbiology	4
BIOL	2010, 2020	Anatomy and Physiology I, II ¹	4, 4
ENGL	1010	Composition I	3
MATH	1130	College Algebra or higher level MATH ²	3
PSY	220	Developmental Psychology	3
SPCH		Speech Elective	3
		Humanities Elective	3
		Group Total	27
First Year			
NSG	105	Foundations for Nursing Practice	10
NSG	107	Care of Childbearing Family	3
NSG	109	Adult & Child Health I	6
NSG	118	Pharmacology in Nursing	3
		First Year Total	22
Second Year			
NSG	210	Adult & Child Health II	10
NSG	212	Psychosocial Nursing	4
NSG	215	Transitions to Nursing Practice	3
		Second Year Total	17
		TOTAL HOURS	66

¹Strongly recommend these courses being completed prior to taking NSG 105.

²MATH 1530 is recommended for students planning to complete a BSN. 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>

Nursing (LPN Career Mobility)

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.

Candidates are required to present an active Tennessee Practical Nurse license to be admitted to the examination. Candidates should arrive 30 minutes before test-time. ID must be verified before admission to the examination is permitted.

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.

A grade of "C" or better is required in MATH 1130 or higher content level MATH and BIOL 2010 prior to beginning nursing classes.

These classes may be taken prior to being accepted into the program.

General Education			
BIOL	2230	Microbiology	4
BIOL	2010, 2020	Anatomy and Physiology I, II ¹	8
ENGL	1010	Composition I	3
MATH	1130	College Algebra or higher level MATH ²	3
PSY	220	Developmental Psychology	3
SPCH		Speech Elective	3
		Humanities Elective	3
			27

¹Strongly recommend completion of BIOL 2020 prior to taking nursing courses.

²MATH 1530 is recommended for students planning to complete a BSN.

Challenge by Proficiency Examination (NSG 115) 10

The Proficiency Credit fee will be assessed in spring of the second year.

SPRING SEMESTER - FIRST YEAR			
NSG	107	Care of the Childbearing Family	3
NSG	109	Adult and Child Health I	6
NSG	118	Pharmacology in Nursing	3
FALL SEMESTER - SECOND YEAR			
NSG	210	Adult and Child Health II	12
SPRING SEMESTER - SECOND YEAR			
NSG	212	Psychosocial Nursing	4
NSG	215	Transitions to Nursing Practice	3

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.

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

Admission to the Programs

Due to limited enrollment, there are special admission policies for Allied Health Sciences programs. The following policies are for: Dental Hygiene Technology, Health Information Technology, Occupational Therapy Assistant, Opticianry, Physical Therapist Assistant, Radiologic Technology, and Respiratory Therapy Technology.

1. The applicant must meet one of the following minimum academic requirements:
 - a. 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 8 semester hours of general education courses required in the program.
 - 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 required in the program.
 - c. Some programs have required prerequisites in addition to the 8 hours of general education. Please see individual program requirements.
2. The applicant must complete an Allied Health Sciences application and submit it to the Admissions Office by the specified deadline.
3. All developmental courses must be completed prior to the program application deadline.
4. Some programs require documented clinical observations or work related experience. Special consideration may be given to applicants with work experience. Contact the program director for details.
5. Final selection of students will be made by the Allied Health Sciences Admissions Committee.
6. Admission to the program is required prior to enrolling in most health science courses.

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 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	Deadline
Dental Hygiene Technology	Third Friday in January
Health Information Technology	Last working day in May
Occupational Therapy Assistant	Third Friday in January
Opticianry	Continuous acceptance
Physical Therapist Assistant	Third Friday in January
Radiologic Technology	Third Friday in January
Respiratory Therapy Technology	Last working day in May

Incomplete applications will not be processed. Any applications received after the deadline will be considered by the Allied Health Science Admissions Committee on a space available basis. It is the student’s responsibility to assure that all records and documentation are received by the deadline.

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. 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

A student may be considered for readmission to an Allied Health Sciences program if all of the following criteria are met.

1. The applicant must submit a request for readmission in writing to the program director at least 60 days prior to enrollment. Students may repeat a course only once, and on a space available basis.
2. Only one readmission to an Allied Health Sciences program

will be permitted.

3. The applicant must interview with the program director of the specific program before the date of the review by the Admissions Committee for consideration for readmission. An acceptable level of 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.
4. The student must attain a GPA of 2.50 or better in eight or more hours of general education course work required in the program.
5. Readmission to an Allied Health Sciences Program is contingent upon the availability of space.

Final selection of students will be made by the Allied Health Sciences Admissions Committee. 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 to be met for attainment of various allied health licenses/registrations.

Dental Hygiene Technology

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 Technology 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 science courses completed.
2. The student's grades for required science courses completed.
3. Work experience in the field of Dentistry. If work experience is to be considered, the applicant must bring to the interview a current resume with permission to contact employers. If the applicant is a Certified and/or Registered Dental Assistant, a copy of Certification and/or Registration must be brought to the interview. It is highly recommended that applicants without work experience in dentistry spend time observing a dental hygienist. During this observation, the applicant should gain a full understanding of the dental hygienist's duties and responsibilities, as well as an understanding of OSHA regulations on bloodborne pathogens. All observation time should be completed prior to the interview.
4. Results of a personal interview. Interviews will be granted only to applicants who have met the minimum requirements for admission to the program. Interviews will be conducted during the latter part of the spring semester. After the applicant's files have been reviewed, the interviews are scheduled by telephone. It is the applicant's responsibility to make certain that we have work and/or home telephone numbers that will be current for this time period. If your telephone number or numbers have changed from those provided on your Health Science application, you must send the changes in a timely manner to the DHT program director at 701 Briarcliff Avenue, Oak Ridge, TN 37830.

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.

There are additional expenses for the Dental Hygiene Program for instruments, uniforms, Student Association dues (membership is mandatory), radiation badges, recommended vaccinations and other program-related expenses.

Students are responsible for obtaining patients necessary to meet clinical requirements.

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.

This first group of classes may be taken prior to being accepted into the program.

BIOL	2010 ¹ , 2020 ²	Anatomy and Physiology I & II	4, 4
BIOL	2230	Microbiology	4
CHEM	1010	Intro to Chemical Principals ¹	4
ENGL	1010	Composition I	3
MATH	1030	Math for the Health Sciences ³	3
PSY		Psychology Elective	3
SOC		Sociology Elective	3
		Humanities Elective	3
		Group Total	31

First Year

DHT	101	Preclinical Dental Hygiene	5
DHT	111, 112	Dental Science I, II	3, 3
DHT	121	Clinical Dental Hygiene I	2
DHT	132	Dental Radiography	3
DHT	133	General & Oral Pathology	4
DHT	141	Principles of Dental Hygiene I	3
DHT	161	Biochemistry & Nutrition	3
DHT	171	Dental Materials	3
		First Year Total	29

Second Year

DHT	201	Pharmacology & Pain Control	3
DHT	211	Dental Hygiene Seminar	2
DHT	212	Community Health	3
DHT	221, 222	Clinical Dental Hygiene II, III	3, 3
DHT	240, 242	Principles of Dental Hygiene II, III	2, 1
DHT	251	Periodontology	1
		Second Year Total	18
		TOTAL HOURS	78

¹BIOL 2010 and CHEM 1010 must be taken fall of first year.

²BIOL 2020 must be taken spring of the first year.

³Higher level math course may be substituted.

Students pursuing this option will be advised by the Allied Health Sciences Division.

Program Application Deadline: Third Friday in January.

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.

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 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.

Interested students should complete a Health Science application indicating their interest in either the Diagnosis and Procedural Coding (DPC) certificate program or the Health Information Technology (HIT) degree program. HIT 107 Medical Terminology is a prerequisite 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. Also, the HIT Bridge option for students who have a nationally recognized coding credential (CCS, CCS-P, CPC, CPC-H) or have successfully completed the three semester Medical Coding Course at the Tennessee Technology Centers is available. Please contact the HIT Program Director for details on the HIT Bridge option.

First Year			HOURS
BIOL	2010, 2020	Anatomy and Physiology I, II ^{1,3}	4, 4
HIT	102	Fundamentals of Health Information Management ³	3
HIT	103	Coding & Classification Systems	3
HIT	107	Medical Terminology ²	3
HIT	112	Coding Professional Practice Experience	1
HIT	130	CPT Coding	3
HIT	140	Medical Office Procedures	2
TOTAL HOURS FOR CERTIFICATE			23
Summer Semester			
CST or COLL	1020	Computer Science Elective ³	3
ENGL	1010	Composition I ³	3
Total Summer Hours			6
Second Year			
HIT	106	Health Data Systems	3
HIT	113	Legal Aspects of Health Information ³	2
HIT	217	Principles of Healthcare Administration	4
HIT	221	Advanced Health Info Procedures	3
HIT	222	Pathology & Clinical Interpretations	4
HIT	231, 232	Professional Practice Experience I, II	3, 2
HIT	242	Automated Health Information Systems	3
HIT	251	Coding for Reimbursement	4
HIT	260	Seminar in Health Information Mgmt	2
		Humanities Elective ³	3
		Social Science Elective ³	3
Total Second Year			36
TOTAL HOURS FOR A.A.S.			65

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)—Last working Day in May

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 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.

Occupational Therapy Assistant

The Certified Occupational Therapy Assistant (COTA) is a health professional who uses purposeful activity with individuals who are 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 a registered occupational therapist (OTR) and collaborates with others to maximize independence, prevent disability and maintain the health of individuals requiring services. Students are trained in the skills and techniques necessary to participate in the treatment and testing of patients. The educational program includes lecture and laboratory experiences as well as practice in clinical settings.

ADMISSION TO THE OTA PROGRAM IS REQUIRED PRIOR TO TAKING ANY OTA COURSES, with the exception of OTA 102 and 104 which have an open admissions policy. Sixteen (16) hours of volunteer work experience with an occupational therapist or an occupational therapy assistant is required prior to admission to the program. A form evaluating and verifying 16 volunteer hours must be submitted to the OTA department prior to the application deadline. An interview will be offered to the top 40 candidates. Meeting minimum requirements does not guarantee acceptance. Those not accepted can apply for the following year or seek advisement on other possible career options. **The program is designed to be taken in sequence.** All OTA courses are taught on the Oak Ridge Branch Campus with the exception of fieldwork assignments. All admissions material must be submitted by the third Friday of January for the following fall semester.

The Occupational Therapy Assistant 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. AOTA's phone number is (301) 652-AOTA. 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). Most states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination.

NOTE: All OTA students must complete Level II Fieldwork within 18 months following completion of academic preparation.

NOTE: A felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure. For more information contact NBCOT at (301) 990-7979 or <http://www.nbcot.org> and the state licensure board at 1-888-310-4650, ext. 2-5163 or <http://www.state.tn.us/health>.

These classes may be taken prior to being accepted into the program.

BIOL 2010 ¹ , 2020	Anatomy and Physiology I, II	4, 4
ENGL 1010	Composition I ¹	3
PSY 213	Abnormal Psychology	3
PSY 220	Developmental Psychology	3
OTA 102	Intro to Occupational Therapy	2
OTA 104	Rehabilitation Communication	2
	Humanities Elective	3
	Group Total	24
First Year		
OTA 107	Therapeutic Activities	3
OTA 110	Theory & Treatment of Psychosocial Dysfunction	5
OTA 115	Level I Psychosocial Fieldwork	2

OTA 117	Neurological Theory & Treatment	4
OTA 124	Human Movement for Occupation	3
	Group Total	17
Second Year		
OTA 210	Theory & Treatment of Physical Dysfunction	5
OTA 212	OTA Practice Management	2
OTA 216	Pediatric Theory and Treatment	5
OTA 217	Level I Physical Disability Fieldwork	2
OTA 221	Level II Fieldwork - Placement 1	6
OTA 226	Level II Fieldwork - Placement 2	6
	Group Total	26
	TOTAL HOURS	67
OTA 227	Optional Level II Fieldwork	

¹Should be taken prior to beginning OTA classes.

Students pursuing this option will be advised by the Allied Health Sciences Division.

Program Deadline: Third Friday in January.

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.

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.

These classes may be taken prior to being accepted into the program.

BUS	Business Elective ¹	3
ENGL 1010	Composition I	3
MATH 1130	College Algebra ²	3
SPCH	Speech Elective	3
	Humanities Elective	3
	Social Science Elective	3
	Group Total	18

First Year

OPT 101	Intro to Opticianry	4
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
OPT 140	Practicum	1
OPT 143	Anatomy & Physiology of the Eye	4
	Group Total	24

Second Year

OPT 210	Ophthalmic Dispensing II	4
OPT 220	Ophthalmic Materials II	4
OPT 230	Contact Lenses II	4
OPT 260	Ophthalmic Dispensing III	4
OPT 270	Ophthalmic Materials III	4
OPT 280	Contact Lenses III	4
	Group Total	24
	TOTAL HOURS	66

¹Business elective may be chosen from the following: BUS 101, BUS 221, 278 or 281.

²Higher level math course may be substituted.

Students pursuing this option will be advised by the Allied Health Sciences Division.

Program Deadline: Continuous Acceptance

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.

Physical Therapist Assistant

This program prepares students with the necessary knowledge and skills to assist in the treatment and testing of physical therapy patients under the supervision of a registered physical therapist. Training includes the use of exercise, therapeutic modalities and special treatment procedures in classroom, laboratory and clinical settings. This program is accredited by the Commission on Accreditation in Physical Therapy Education.

The 1+1 curriculum design establishes the first year for prerequisites and the second year for physical therapy courses. All first-year prerequisites (PRE-PTA status) must be completed prior to being considered for admission into the second year. There is an open admissions policy for enrolling in the PRE-PTA classes. The second year (PTA STATUS) lasts one calendar year—August to August of the next year. Classes taken the second year must be taken in sequence and require a full course load.

Selection for the second year will be based on GPA in the prerequisites, anatomy and physiology grades, physical therapy tech work experience, interview scores (top 40 applicants based on a point system will be offered interviews), and documentation and rating on physical therapy observation experience. This experience will be completed in the course ALH 102 Introduction to Physical Therapy. A maximum of twenty students will be selected for the second year. Those not accepted can apply for the following year or seek advisement on other possible career options.

All admission materials except Spring grades (e.g. Spring 2008 for Fall 2008 acceptance) should be submitted by the third Friday of January for the following fall semester. Spring grades must be received by May 31st. Students that turn materials in after these deadlines may not be considered for admission.

Clinical courses during the second year might require travel to other cities for extended periods of time at the student's expense. Once accepted into the second year, it is the student's responsibility to be certified in Basic First Aid and to maintain certification in Infant, Child and Adult CPR. This can be done through the Red Cross and/or American Heart Association.

All second year PTA classes are taught at the Oak Ridge Branch Campus.

First Year

ALH 102	Intro to P.T.	2
ALH 118	Terminology for Medical Communication	2
BIOL 2010, 2020	Anatomy and Physiology I, II	8
ENGL 1010	Composition I	3
MATH 1530	Probability & Statistics (Non-Calculus Based)	3
PHED	Physical Education Elective	1
PHIL 121	Elementary Ethics or	
PHIL 1030	Intro to Philosophy	3
PSY 110	General Psychology or	
PSY 220	Developmental Psychology	3
	First Year Total	25

Second Year

PTA 121	Kinesiology	3
PTA 141	Patient Care Techniques	4
PTA 151	Therapeutic Modalities	5
PTA 214	Treatment of Medical/Surgical Conditions	3
PTA 235	Advanced P.T. Procedures I	6
PTA 236	Advanced P.T. Procedures II	6
PTA 238	Clinical Preparation I	2
PTA 239	Clinical Preparation II	2
PTA 244	Seminar	1

PTA	256	Clinical Education I	5
PTA	257	Clinical Education II	5
		Second Year Total	42
		TOTAL HOURS	67

Program Deadline: Third Friday in January

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.

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. Official acceptance to the program is required prior to enrollment in the professional courses. The professional courses must be taken in sequence and are offered only at the Oak Ridge Branch Campus. Remedial and developmental courses must be completed prior to the application deadline.

Applicants must spend a minimum of 8 hours of observation time in an inpatient hospital diagnostic radiology department and must submit the required form documenting this observation time. This form is available at the Oak Ridge Admissions Office and is also available on the RDT Web page. **The form and all transcripts from other colleges must be received before the application deadline.** In addition, special consideration will be given to those applicants who make an "A" or "B" in required science and math courses and to those applicants who have already earned a college degree in some other field.

The program is accredited by the Joint Review Committee on Education in Radiologic Technology. Graduates of the program are eligible to take the certification examination administered by the American Registry of Radiologic Technology.

These classes may be taken prior to being accepted into the program.

BIOL	2010, 2020	Anatomy and Physiology I, II ¹	8
ENGL	1010	Composition I	3
MATH	1130	College Algebra or Higher Level Math	3
		Humanities Elective	3
		Social Science Elective	3
		Group Total	20
First Year			
RDT	102	Intro to Radiologic Technology	4
RDT	103, 110	Image Analysis I, II	2, 2
RDT	106, 107	Clinical Education I, II	4
RDT	108	Clinical Education III	1
RDT	113, 114	Radiographic Procedures I, II	8
RDT	122	Exposure Technique	4
RDT	130	Image Acquisition and Quality Control	2
RDT	203	Image Analysis III	1
RDT	210	Radiographic Procedures III	2
		First Year Total	30
Second Year			
RDT	206	Clinical Education IV	3
RDT	207	Clinical Education V	3
RDT	209	Radiologic Pathology	2
RDT	212	Radiographic Procedures IV	4
RDT	215	Advanced Radiography	1
RDT	216	Applied Radiation Physics	2
RDT	222	Radiation Biology and Protection	2
RDT	225	Radiation Physics	3
RDT	226	Radiologic Science	4
		Second Year Total	24
		TOTAL HOURS	74

¹These courses are prerequisites to all 200 level RDT courses.

Program Deadline: Third Friday in January.

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:

RDT 102	Introduction to Radiologic Technology	4
RDT 103	Image Analysis I	1
RDT 106	Clinical Education I	2
RDT 107	Clinical Education II	2
RDT 108	Clinical Education III	1
RDT 110	Image Analysis II	1
RDT 113	Radiographic Procedures I	4
RDT 114	Radiographic Procedures II	4
RDT 122	Exposure Technique	4
RDT 130	Image Acquisition and Quality Control	2
RDT 203	Image Analysis III	1
RDT 206	Clinical Education IV	3
RDT 207	Clinical Education V	3
RDT 209	Radiologic Pathology	2
RDT 210	Radiographic Procedures III	2
RDT 212	Radiographic Procedures IV	3
RDT 215	Advanced Radiography	1
RDT 216	Applied Radiation Physics	2
RDT 222	Radiation Biology and Protection	2
RDT 225	Radiation Physics	3
RDT 226	Radiologic Science I	4
RDT 230	Image Analysis IV	1

The following courses are required:

BUS 281	Management and Supervision I	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
	AART Certification Credits	52
	TOTAL SEMESTER HOURS	72

Students pursuing this option will be advised by the Allied Health Sciences Division.

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.

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. Complete BIOL 2010 Anatomy and Physiology I with a grade of "C" or better.
2. Obtain a "C" or better in each required science course.
3. 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 Office or Respiratory Therapy faculty.
4. 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 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 and clinical simulation examination 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 CAAHEP and CoARC, Committees on Allied Health and Education.

These classes may be taken prior to being accepted into the program.

BIOL 2010	Anatomy and Physiology	4
BIOL 2230	Microbiology	4
CHEM 1010	Introduction to Chemistry I	4
ENGL 1010	Composition I	3
MATH 1130	College Algebra (or higher level math)	3
	Humanities Elective	3
	Social Science Elective	3
	Group Total	24

First Year		
RTT 121	Cardio-Renal Anatomy & Phys	4
RTT 122	Respiratory Care Science I	4
RTT 123	Respiratory Pharmacology	2
RTT 131	Pathology of Respiratory Disease I	2
RTT 132	Respiratory Care Science II	6
RTT 220	Respiratory Science III	4
RTT 231	Pathology of Resp. Disease II	2
	First Year Total	24

Second Year		
EMT 217	Comprehensive Adv Cardiac Life Support	3
RTT 230	Respiratory Care Science IV	6
RTT 235	Neonatal and Pediatric Care	3
RTT 245	Respiratory Care Science V	7
RTT 260	Hemodynamics and Rhythms	3
RTT 261	Respiratory Care Seminar	2
	Second Year Total	24
	TOTAL HOURS	72

Students pursuing this option will be advised by the Allied Health Sciences Division.

Program Deadline: Last working day in May.

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.

Certificate Programs

Technical Certificate Programs

No placement testing is required of the Technical Certificate programs except the Paramedic program. 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. 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.

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.

Fall Semester

GIS	101	Intro. to GIS	3
GIS	105	Computer Cartography	3
GIS	210	Global Positioning Systems & Digital Imagery	3
Fall Semester Total			9

Spring Semester

GIS	110	Geographic Database Technology	3
GIS	220	GIS Network & Demographic Applications	3
GIS	230	GIS Project Management	3
Spring Semester Total			9

Summer Semester

GIS	290	Directed Research Project	4
TOTAL HOURS			22

Students pursuing this option will be advised by the Social Science, Business & Education Division.

Homeland Security

This program is designed to provide regional public safety professionals with the basic knowledge needed to recognize, prevent, respond and recover from terrorist attacks. It will serve the educational needs of the region by providing students with knowledge and marketable job skills for entry into rapidly growing homeland security agencies, both public and private sectors. It also provides an opportunity for individuals to earn a collegiate credential for those students who may not move beyond the certificate level. The certificate completely articulates into our current A.A.S. degree in Criminal Justice. The certificate will be interdisciplinary, combining criminal justice, health, biology, and environmental health courses. Students should apply under the major/option code SPECIAL CREDIT. No placement testing is required. A 2.0 cumulative GPA is necessary for graduation.

The following courses are required:

BIOL	2015	Environmental Science	3
CRJT	101	Introduction to Criminal Justice	3
CRJT	213	Criminal Investigation	3
CRJT	214	Understanding Terrorism	3
HEA	221	Safety and First Aid	3
EHT	211	Safety and Emergency Response	3
TOTAL SEMESTER HOURS			18

Students pursuing this certificate will be advised by the Social Science, Business and Education Division.

Office Information Technology

This one-year program is designed for students interested in office positions. The program emphasizes the development of skills that build the foundation for an entry-level position.

Fall Semester

BUS	111	Business Math	3
COLL	1020	Technology Essentials	3
CST	135	Spreadsheets	3
OAD	101	Keyboarding and Formatting	3
OAD	105	Business Communications	2
BUS	100	Career Planning	1
Fall Semester Total			15

Spring Semester

CST	103	Computer Presentations	3
OAD	102	Document Processing	3
OAD	201	Administrative Office Management	3
OAD	204	Information and Document Control	3
OAD	250	Work Experience	3
Spring Semester Total			15
TOTAL HOURS			30

Students pursuing this certificate will be advised by the Social Science, Business and Education Division.

An A.A.S. degree in Business Management Technology, Office Administration Information Technology option is also offered.

Police Management

This program is designed to provide state-of-the-art education in the areas of procedural law and police management. The curriculum provides an opportunity for police supervisory personnel to receive training in a non-degree credit program. The Police Management certificate program is not designed to provide entry-level skills in police science. Students interested in a career preparation program should refer to Career Preparation Programs.

The following courses are required:

BUS	261	Psychological Aspects of Management	3
BUS	281	Management and Supervision I	3
CRJT	201	Police Administration and Organization	3
CRJT	111	Criminal Procedures	3
CRJT	101	Introduction to Criminal Justice	3
LAW	101	Intro to the Legal Prof & Legal Ethics	3
TOTAL SEMESTER HOURS			18

Students pursuing this certificate will be advised by the Social Science, Business and Education Division.

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.

Admission Requirements

1. Submit an official copy of high school transcript, or GED scores or college transcript.
2. Complete RSCC application and admission requirement for special student category.
3. A grade of “C” or better must be obtained in each science course required in the Health Information Technology curriculum for acceptance in both the Health Information Technology degree option or Diagnosis and Procedural Coding certificate option.
4. Complete Allied Health Sciences Application.
5. Be accepted by the Allied Health Sciences Admissions Committee.

The following factors are utilized in ranking and accepting applicants:

1. Completion of HIT 107
2. Completion of BIOL 2010 and BIOL 2020
3. Attendance at program orientation session scheduled each spring/summer

Only HIT courses which were completed within three years prior to applying for admission or readmission will be considered for credit toward graduation.

Retention Policies

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 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. Only one readmission to the program is permitted. Readmission is contingent on space availability.

A student may be considered for readmission to the program if all of the following criteria are met:

1. Students readmitted to the program must meet all requirements of the program in effect at the time of readmission. This applies to any and all curriculum changes
2. Students seeking readmission must do so in writing to the Program Director at least 60 days prior to the semester.
3. The applicant must complete an application for the program and submit to the Allied Health Sciences Office.
4. Only one readmission to the program will be permitted.
5. The applicant must interview with the program director before the date of the review by the Allied Health Sciences Admissions Committee for consideration for readmission. A student with a previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.
6. A student must repeat the specialty course or courses for which he/she was dismissed and attain a “C” or better in the course.

Readmission into the program is contingent upon availability of space.

Criminal Background Checks

Criminal background checks 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 licensure or employment. More information is available from your program director.

Health Guidelines

1. 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.
2. 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.

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.

Fall Semester			
BIOL	2010	Anatomy & Physiology I ¹	4
HIT	102	Intro. to Health Information	3
HIT	107	Medical Terminology ²	3
HIT	103	Coding & Classification Systems	3
Fall Semester Total			13
Spring Semester			
BIOL	2020	Anatomy & Physiology II ¹	4
HIT	112	Coding Professional Practice Experience	1
HIT	130	CPT Coding	3
HIT	140	Medical Office Procedures	2
Spring Semester Total			10
TOTAL SEMESTER HOURS			23

¹ Recommended to be completed prior to acceptance.

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. General Technology with an emphasis in Diagnosis and Procedural Coding should contact their advisor.

Program Deadline: July 15

Any DSP requirements must be completed before taking BIOL 2010.

Emergency Medical Technology Certificate Program

Paramedic

First Semester	Second Semester	Third Semester
EMT 211 15 credits	EMT 212 15 credits	EMT 218 7 credits
EMT 221 3 credits	EMT 222 3 credits	EMT 223 4 credits

The Paramedic program is a three-semester certificate program. The lecture and lab consists of approximately 600 hours. The clinical/field internship is approximately 500 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 work in areas of law enforcement, fire, Emergency rooms, medical clinics, rescue, athletic departments, forestry, EMS, 911 centers and similar occupations.

Admission Requirements:

1. Submit current EMT license.
2. The student must complete all testing required by the State of Tennessee Department of Health EMS Division. Refer to Paramedic admissions packet.
3. Submit an official high school transcript or GED scores or college transcript.
4. Complete RSCC application and meet RSCC admission requirements.
5. Complete Health Science admission application and all materials identified in the Paramedic admission packet and submit by June 30.

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. Only one readmission to the program is permitted. Readmission is contingent on space availability.

A student may be considered for readmission to the program if all of the following criteria are met:

1. Students readmitted to the program must meet all requirements of the program in effect at the time of readmission. This applies to any and all curriculum changes
2. Students seeking readmission must do so in writing to the Program Director at least 60 days prior to the semester.
3. The applicant must complete an application for the program and submit to the Allied Health Sciences Office.
4. Only one readmission to the program will be permitted.
5. The applicant must interview with the program director before the date of the review by the Allied Health Sciences Admissions Committee for consideration for readmission. A student with a previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.
6. A student must repeat the specialty course or courses for which he/she was dismissed and attain a "C" or better in the course.

Readmission into the program is contingent upon availability of space.

HEALTH: 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.

Students must follow the admissions process in regard to 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-EMS Department. Refer to the paramedic admissions packet for further information. A Paramedic 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.

Criminal Background Checks

Criminal background checks 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 licensure or employment. More information is available from your program director.

Health Guidelines

1. 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.
2. 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.

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.

Retention:

1. Maintain current Tennessee licensure and maintain current CPR-Health Care Provider level or Professional Rescuer level.
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.

PARAMEDIC PROGRAM

Fall Semester

EMT	211	Paramedic I	15
EMT	221	Clinical I	3
		Fall Semester Total	18
Spring Semester			
EMT	212	Paramedic II	15
EMT	222	Clinical II	3
		Spring Semester Total	18
Summer Semester			
EMT	218	Paramedic III	7
EMT	223	Clinical III	4
		Summer Semester Total	11
		TOTAL HOURS	47

Program Deadline: None

Students wishing to pursue an A.A.S. General Technology with an emphasis in Emergency Medical Services should contact their advisor.

Non-Certificate Emergency Medical Technician Courses

These courses are designed to qualify students to work as emergency medical service providers which could lead to national certification and state licensure. These courses are also prerequisites for admission into the Paramedic Certificate Program.

First Responder - Course Number: EMT 109, 4 credits

This course prepares the student for the First Responder State Licensure exam.

The First Responder is often the first medically trained rescuer on the scene of an ill or injured patient. They provide the first link in the Emergency Medical Services system. They are employed as firemen, law enforcement agents, park rangers, rescue squad personnel, daycare workers, EMS and many other occupations.

There are no additional admissions requirements beyond the regular RSCC requirements.

Emergency Medical Technician Basic I and II

First Semester			
EMT	160	Basic I	6 credits
Second Semester			
EMT	161	Basic II	6 credits

This course prepares the student for the National Registry exam for EMTs. Upon successful completion of this exam the student will be eligible for State Licensure. Students having EMT licensure are able to work as part of an EMS team on Basic and Advanced ambulance units. They are employed in emergency rooms, law enforcement agencies, rescue squads, fire stations, health clubs, ski patrols, park rangers and other related fields.

Admission requirements:

1. Must meet all RSCC admission requirements.
2. Must submit a regular high school diploma or equivalent. (NOTE: A special ed diploma or certificate of attendance WILL NOT meet this requirement.) Students must be 18 years old and have a high school diploma or GED to be eligible to take the State of Tennessee exam.

Retention:

1. A minimum grade of 80% in each of three areas, lecture, lab and clinical must be achieved to advance to the next semester.
2. Maintain current licensure and current CPR-Health Care

Provider.

- Maintain evidence of Professional Liability Insurance.

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.

EMT Accelerated - Course Number: EMT 162, 12 credits

This course prepares the student for the National Registry Exam for EMTs. Upon successful completion of this exam the student will be eligible for State Licensure.

The accelerated course is Basic I and II combined into one semester and is designed for those students that have completed First Responder or have a medical background.

Students having EMT licensure are able to work as part of the EMS team on Basic and Advanced ambulance units. They are employed in emergency rooms, law enforcement agencies, rescue squads, fire stations, health clubs, ski patrols, park rangers and other related fields.

Admission requirements:

- Must meet all RSCC admission requirements.
- Must submit a regular high school diploma or equivalent. (NOTE: A special ed diploma or certificate of attendance WILL NOT meet this requirement.) Students must be 18 years old and have a high school diploma or GED to be eligible to take the State of Tennessee exam.

Program Prerequisites: EMT 109-First Responder course, medical background, or successful completion of college level science courses. You must obtain permission from the EMS program director.

Retention

- Maintain current licensure and maintain current CPR-Health Care Provider.
- Maintain evidence of Professional Liability Insurance.

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.

Massage Therapy

Massage therapy is a nine-month certificate program to prepare students for entry level careers in the growing field of massage, bodywork and somatic therapies. Graduates will be eligible for a Tennessee Massage Therapy License and eligible to sit for the National Certification in Therapeutic Massage and Bodywork Examination.

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.

Enrollment is limited. All Massage Therapy courses are taught at the Oak Ridge Branch Campus.

Admission Requirements

Due to limited enrollment, the following special admission policies are required:

- Submit an official high school transcript or GED scores or college transcript.
- Complete an Allied Health Sciences application and submit it to the Allied Health Sciences/Nursing Admissions Office.
- Complete an RSCC application and admission requirements for special student category.
- Take the HOBET admission test.
- All qualified applicants will be interviewed prior to admission, except for Pharmacy Technician.

MEETING MINIMUM REQUIREMENTS DOES NOT GUARANTEE ACCEPTANCE. Preference will be given to Tennessee residents.

See each program section for application deadlines for the applicant to have priority consideration for entrance into the program for the following fall semester. Incomplete applications will not be processed. Any applications received after the deadline will be considered by the Allied Health Sciences Admissions Committee on a space available basis. All transcripts must be received in the Records Office by the application deadline.

Retention Policies

A student must maintain the following standards or he/she will be dismissed from the program:

- A grade of "C" or better in each specialty course.
- 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.

- Evidence of malpractice insurance and physical examination prior to clinical training.

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. Only one readmission to the program is permitted. Readmission is contingent on space availability.

A student may be considered for readmission to the program if all of the following criteria are met:

- Students readmitted to the program must meet all requirements of the program in effect at the time of readmission. This applies to any and all curriculum changes
- Students seeking readmission must do so in writing to the Program Director at least 60 days prior to the semester.
- The applicant must complete an application for the program and submit to the Allied Health Sciences Office.
- Only one readmission to the program will be permitted.
- The applicant must interview with the program director before the date of the review by the Allied Health Sciences Admissions Committee for consideration for readmission. A student with a previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.
- A student must repeat the specialty course or courses for which he/she was dismissed and attain a “C” or better in the course.

Readmission into the program is contingent upon availability of space.

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.

Criminal Background Checks

Criminal background checks 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 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.

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.

Fall

Semester

MAS 113	Massage Physiology, Pathology & Pharmacology I	3
MAS 117	Ethics, Communication & Professionalism	3
MAS 120	Swedish Massage	3
MAS 121	The Muscular System I	2
MAS 135	Massage for Special Populations	2
Fall Semester Total		13

Spring

Semester

MAS 114	Massage Physiology, Pathology & Pharmacology II	3
MAS 118	Massage Business & Legal Issues	3
MAS 122	The Muscular System II	2
MAS 124	Student Practice Clinic	1
MAS 130	Neuromuscular Therapy	4
Spring Semester Total		13

Summer

Semester

MAS 152	Clinical Massage Practice	2
MAS 123	Overview of Somatic Therapies	2
Summer Semester Total		4
TOTAL SEMESTER HOURS		30

Students pursuing this certificate will be advised by the Allied Health Sciences Division. Students wishing to pursue an A.A.S. General Technology with an emphasis in Massage Therapy should contact their advisor.

Program Deadline: Last working day in May.

Medical Transcription

The Medical Transcriptionist Program is a nine-month certificate program. In addition to classroom lecture and transcription practice, two days a week are spent during the second semester in a health care facility affording the student valuable work experience in medical transcription. Graduates obtain employment in hospitals, clinics, doctor's offices, and transcription services. Graduates are eligible to take the American Association for Medical Transcription certificate examination. MDT courses must be taken in sequence. This program is recognized by the Approval Committee for Certificate Programs (ACCP) of the American Association for Medical Transcription (AAMT).

Admission Requirements

1. Submit an official copy of high school transcript or GED scores or college transcript. Recommend typing speed of 45 words per minute; typing/keyboarding skills are required. Basic knowledge of computer/word processing functions (recommended COLL 1020 or CST 170) is required.
2. Pass a high school level grammar, punctuation and spelling preadmission test.
3. Completed RSCC application and admission requirements for special student category.
4. Completed Allied Health Sciences application.
5. Completed health form.
6. Be accepted by the Allied Health Sciences Admissions Committee.
7. Acute hearing required.

Retention Policies

Students' grades will be evaluated at the end of each semester by the Health Science Admissions committee. 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. 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 anytime during the semester. Only one readmission to the program is permitted. Readmission is contingent on space availability.

A student may be considered for readmission to the program if all of the following criteria are met:

1. Students readmitted to the program must meet all requirements of the program in effect at the time of

2. readmission. This applies to any and all curriculum changes
2. Students seeking readmission must do so in writing to the Program Director at least 60 days prior to the semester.
3. The applicant must complete an application for the program and submit to the Allied Health Sciences Office.
4. Only one readmission to the program will be permitted.
5. The applicant must interview with the program director before the date of the review by the Allied Health Sciences Admissions Committee for consideration for readmission. A student with a previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.
6. A student must repeat the specialty course or courses for which he/she was dismissed and attain a "C" or better in the course.

Readmission into the program is contingent upon availability of space.

Criminal Background Checks

Criminal background checks 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 licensure or employment. More information is available from your program director.

Health Guidelines

1. 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.
2. 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.

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.

Fall		
MDT	102 Beginning Medical Terminology	3
MDT	103 Anatomy Concepts in Med Trans	2
MDT	104 Basic Medical Transcription	6
MDT	105 Medical Transcription Procedures I	2
MDT	110 Tech Concepts in Med Trans I	2
	Fall Semester Total	15
Spring		
MDT	111 Advanced Medical Transcription	6
MDT	118 Tech Concepts in Med Trans II	2
MDT	120 Advanced Medical Terminology	2
MDT	125 Pharm Concepts in Med Trans	2
	Spring Semester Total	12
Summer		
MDT	112 Clinical Practicum ¹	3
	TOTAL HOURS	30

¹Not offered on-line.

PLEASE NOTE: Flexible scheduling including online courses are available for a limited number of students meeting special criteria

(must score at least 90% on preadmission test). Please contact the program director at 1-866-462-7722 ext. 2012 or 865-481-2012 or visit our Web site at <http://www.roanestate.edu/mdt> for specific details. Traditional Medical Transcription classes are held at the Oak Ridge Branch campus.

Students pursuing this certificate will be advised by the Allied Health Sciences Division. Students wishing to pursue an A.A.S. General Technology with an emphasis in Medical Transcription should contact their advisor.

Program Deadline: July 15.

Pharmacy Technician

The Roane State Pharmacy Technician Certificate Program is a 2 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.

Admission Requirements

Due to limited enrollment, the following special admission policies are required:

1. Submit an official high school transcript or GED scores or college transcript.
2. Complete an Allied Health Sciences application and submit it to the Allied Health Sciences/Nursing Admissions Office.
3. Complete an RSCC application and admission requirements for special student category.
4. Take the HOBET admission test.
5. All qualified applicants will be interviewed prior to admission, except for Pharmacy Technician.

MEETING MINIMUM REQUIREMENTS DOES NOT GUARANTEE ACCEPTANCE. Preference will be given to Tennessee residents.

See each program section for application deadlines for the applicant to have priority consideration for entrance into the program for the following fall semester. Incomplete applications will not be processed. Any applications received after the deadline will be considered by the Allied Health Sciences Admissions Committee on a space available basis. All transcripts must be received in the Records Office by the application deadline.

Retention Policies

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. Evidence of malpractice insurance and physical examination prior to clinical training.
4. Prior to clinical training, evidence of malpractice insurance and a physical examination must be provided.
5. Students may have to register with the Tennessee Board of Pharmacy before attending clinicals.
6. 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.

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. Only one readmission to the program is permitted. Readmission is contingent on space availability.

A student may be considered for readmission to the program if all of the following criteria are met:

1. Students readmitted to the program must meet all requirements of the program in effect at the time of readmission. This applies to any and all curriculum changes.
2. Students seeking readmission must do so in writing to the Program Director at least 60 days prior to the semester.
3. The applicant must complete an application for the program and submit to the Allied Health Sciences Office.
4. Only one readmission to the program will be permitted.
5. The applicant must interview with the program director before the date of the review by the Allied Health Sciences Admissions Committee for consideration for readmission. A student with a previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.
6. A student must repeat the specialty course or courses for which he/she was dismissed and attain a "C" or better in the course.
7. Students with previous unsatisfactory Pharmacy Clinical Practice performance must be recommended for readmission by the consensus of the Allied Health Sciences Admission Committee Members.

Readmission into the program is contingent upon availability of space.

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.

Criminal Background Checks

Criminal background checks 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 licensure or employment. More information is available from your program director.

Health Guidelines

1. 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.
2. 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.

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.

Fall Semester

PHAR	1010	Introduction to Pharmacy Practice	3
PHAR	1020	Anatomy for Pharmacy Technicians	2
PHAR	1030	Pharmacology and Therapeutics	4
PHAR	1050	Pharmacy Calculations	3
PHAR	1120	Basics of Pharmacy I	3
Fall Semester Total			15

Spring Semester

PHAR	1110	Pharmacy Law and Ethics	2
PHAR	1130	Basics of Pharmacy II	3
PHAR	1210	Pharmacy Practice I	4
PHAR	1220	Pharmacy Practice II	4
Spring Semester Total			13
TOTAL SEMESTER HOURS			28

Students pursuing this certificate will be advised by the Allied Health Sciences Division. Students wishing to pursue an A.A.S. General Technology with an emphasis in Pharmacy Technology should contact their advisor.

Program Deadline: July 15

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.

Admission Requirements

Due to limited enrollment, the following special admission policies are required:

1. Submit an official high school transcript or GED scores or college transcript.
2. Complete an Allied Health Sciences application and submit it to the Allied Health Sciences/Nursing Admissions Office.
3. Complete an RSCC application and admission requirements for special student category.
4. Take the HOBET admission test.
5. All qualified applicants will be interviewed prior to admission, except for Pharmacy Technician.

MEETING MINIMUM REQUIREMENTS DOES NOT GUARANTEE ACCEPTANCE. Preference will be given to Tennessee residents.

See each program section for application deadlines for the applicant to have priority consideration for entrance into the program for the following fall semester. Incomplete applications will not be processed. Any applications received after the deadline will be considered by the Allied Health Sciences Admissions Committee on a space available basis. All transcripts must be received in the Records Office by the application deadline.

Retention Policies

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. Evidence of malpractice insurance and physical examination prior to clinical training.

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. Only one readmission to the program is permitted. Readmission is contingent on space availability.

A student may be considered for readmission to the program if all of the following criteria are met:

1. Students readmitted to the program must meet all requirements of the program in effect at the time of readmission. This applies to any and all curriculum changes
2. Students seeking readmission must do so in writing to the Program Director at least 60 days prior to the semester.
3. The applicant must complete an application for the program and submit to the Allied Health Sciences Office.
4. Only one readmission to the program will be permitted.
5. The applicant must interview with the program director before the date of the review by the Allied Health Sciences Admissions Committee for consideration for readmission. A student with a previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.
6. A student must repeat the specialty course or courses for which he/she was dismissed and attain a "C" or better in the course.

Readmission into the program is contingent upon availability of space.

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.

Criminal Background Checks

Criminal background checks 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 licensure or employment. More information is available from your program director.

Health Guidelines

1. 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.
2. 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.

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.

Regents Online Degree Programs

Fall Semester			
PSG	101	Polysomnography I	4
PSG	104	Sleep Disorders Diagnosis & Treatment	4
PSG	116	Polysomnographic Interpretation	3
HIT	107	Medical Terminology	3
Fall Semester Total			14
Spring Semester			
PSG	107	Polysomnographic EKG Interpretation	3
PSG	111	Polysomnography II	4
PSG	120	Clinical ²	3
Spring Semester Total			10
Summer Semester			
PSG	125	Clinical II ²	5
TOTAL HOURS			29

¹ May be taken prior to being accepted into the program.

² Although there are day and night shift positions, the majority of positions are night shift.

Students pursuing this certificate will be advised by the Allied Health Sciences Division. Students wishing to pursue an A.A.S. General Technology with an emphasis in Polysomnography should contact their advisor.

Program Deadline: Last working day in May.

The Tennessee Board of Regents (TBR) colleges and universities have joined together in offering Regents Online Degree Programs (RODP). Most courses completed in the Regents Online Degree Programs 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. A career/technical program leading to the associate of applied science degree in Professional Studies with a concentration in Information Technology is available.

Associate Degrees and Certificates offered through RODP

Associate of Arts (A.A.) - *General Studies*

Associate of Science (A.S.) - *General Studies*

Associate of Applied Science (A.A.S.) - *Early Childhood Education; Nursing; Professional Studies: Information Technology; Web Technology*

Certificates - *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.rodop.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.

Regents Online

Course Descriptions

ACC 1104 Principles of Accounting Credits: 3
This course covers the basic principles of accounting. In this course, the basic principles of analyzing transactions, recording them in a general journal, posting them to the general ledger, and preparing the basic financial statements.

ACC 1105 Principles of Accounting II Credits: 3
This is the second semester of a two semester sequence in principles of accounting. Students will complete the study of basic financial accounting and move into the basic concepts and computations associated with cost and managerial accounting. Once completed, this course will satisfy the undergraduate requirements for two semesters of basic accounting principles.

AGR 130 Intro to Animal Science Credits: 3
Fundamental principles of animal agriculture, biological and scientific aspects of development, inheritance, feeding and nutrition, management, animal products, and scope of the industry.

ART 1010 Art History Survey I Credits: 3
Please visit <http://www.rodip.org> for the latest description for this course.

ASTR 1030 Astronomy Credits: 4
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.

BIOL 1010 Biology I and Lab Credits: 4
This course introduces the student to the methods of biological sciences. It explores the chemical basis of life.

BIOL 1020 Biology II and Lab Credits: 4
This course introduces the student to the diversity of life on earth, looking in more detail at the fungi, plants and animals.

BIOL 1430 Nutrition Credits: 3
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.

BIT 1150 Intro to Microcomputers Credits: 3
This course is an introduction to Windows based microcomputers. Students will learn general concepts of using the microcomputer. Windows operating system, the Internet, and basic word processing concepts using Microsoft Word.

BUS 1050 Legal Issues for the Web Credits: 3

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.

CIS 1100 Technology for Teachers Credits: 3
Introduction to windows and windows-based microcomputer packages including word processing, spreadsheets, presentations; Internet applications; basic PC troubleshooting; introduction to audio-visual and office equipment currently used to facilitate quality classroom instruction.

CIS 113 Programming in Visual Basic Credits: 3
An introduction to Microsoft Visual Basic. Topics to be covered include: event driven programming, interface design, creating menus and dialog boxes, writing event and general procedures, and using operating system services.

CIS 1610 Programming in C++ Credits: 3
An introduction to computer science software concepts using C++. Algorithms, problem solving methods, systems development and implementation methodologies are addressed. Standard programming constructs are emphasized. In addition, a limited number of advanced concepts such as pointers, recursion, and C# are discussed. Prerequisites: BIT 1150, CIS 113)

CIS 173 Programming in C# Credits: 3
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.

CIS 186 Database Programming Credits: 3
This course is designed to enable students to develop customized database applications. A brief survey of relational database techniques and methods is included. The emphasis will be on developing the necessary skills to design, create, and implement user-friendly front ends for relational databases. The course will concentrate on developing and coding procedures using Visual Basic for Application. Prerequisites: CIS 113 or the equivalent

CIS 193 Introduction to Linux Credits: 3
This course is designed to prepare students for the COMPTIA Linux+ Certification Exam. Linux is a relatively new open source system software that is becoming increasingly popular for use on business Web Servers, email servers, application servers, and even personal desktop systems. This course is designed to prepare students to take the certification exam; however, it is not a substitute for the certification exam.

CIS 263 Web Page Dev and Design Credits: 3
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, create and edit graphic images for web pages, and use simple Java. Prerequisite: BIT 1150 or equivalent course

CIS 264 Web Page Applications Credits: 3
This course is the study of various applications available for 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.

CJA 1100 Intro to Crim Justice Admin Credits: 3

Please visit <http://www.rodpc.org> for the latest description for this course.

CJA 2600 Corrections Credits: 3
History of the development of corrections in Europe and America; survey of current prison conditions and operations, including pre-release, probation and parole.

CMT 1010 Networking and PC Communic Credits: 3
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. Prerequisite: BIT 1150

COL 101 The College Experience Online Credits: 3
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.

COM 1000 Beginning HTML Credits: 3

COM 1010 Basic Web Design Credits: 3

COM 1020 Basic Web Graphics Credits: 3

COM 110 Survey of Mass Communications Credits: 3

ECON 2010 Economics I 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.

ECON 2020 Economics II 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.

ECON 2030 Survey of Economics Credits: 3
This course is a survey of economics. It covers how modern economics evolved, supply and demand, national income accounting, money and banking, market structures and contemporary economic issues. This course is not for business majors.

EDU 1120 Introduction to Teaching Credits: 3
Please visit <http://www.rodpc.org> for the latest description for this course.

EDU 201 Foundations of Education Credits: 3
In this course attention will be given to the historical, philosophical, and sociological foundations underlying the development of American educational institutions. The role of the schools, the aims of education, and the role of state, local, and federal agencies will be emphasized. Some field experience will be required.

EDU 2050 Classroom Management Credits: 3
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.

EDU 250 Instructional Technology in Education Credits: 3
Please visit <http://www.rodpc.org> for the latest description for this course.

EDUC 2120 Intro to Special Education Credits: 3
Please visit <http://www.rodpc.org> for the latest description for this course.

ENGL 2010 Introduction to Literature I: Fiction Credits: 3
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

ENGL 2116 Writing for the Web Credits: 3
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.

ENGL 230 Creative Writing Credits: 3

ENGL 2410 Western World Lit I Credits: 3
A survey of selected masterpieces of Western World literature: Ancient Medieval, Renaissance. Prerequisites: ENGL 1010, ENGL 1020

ENGL 2420 Western World Literature II Credits: 3
A survey of masterpieces of Western World literature: the European Enlightenment, romantic, Modern, and Post-Modern periods. Prerequisites: ENGL 1010, ENGL 1020

ENGL 2630 Literature for Children Credits: 3
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.

ESC 1110 Introduction to Environmental Studies I Credits: 3
Please visit <http://www.rodpc.org> for the latest description for this course.

ESC 1120 Introduction to Environmental Studies II Credits: 3
Please visit <http://www.rodpc.org> for the latest description for this course.

GEOG 105 World Regional Geography Credits: 3
This course is a survey of the developed and developing regions of the world. Regional cohesion and differentiation will result from the concepts of space/location, place, human environment interaction, movement/diffusion, and regions.

HIST 1110 Civilization: Past and Present to 1500 Credits: 3
Please visit <http://www.rodpc.org> for the latest description for this course.

HIST 1120 World History Since 1500 Credits: 3
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.

HIST 2050 Appalachian History Credits: 3

HIST 220 African American History Credits: 3

Please visit <http://www.rodpc.org> for the latest description for this course.

- HIT 1010 Medical Terminology** Credits: 3
A study of the language of medicine with emphasis on body systems, prefixes, suffixes, root terms, pronunciation and spelling.
- HIT 1011 Fundamentals of HIT** Credits: 3
- HIT 1110 Legal Aspects of Health Information** Credits: 3
- HIT 1120 Fundamentals of Disease Processes** Credits: 4
- HIT 1130 Coding and Classification Systems I** Credits: 3
- HIT 1140 Computer Applications in Health Information** Credits: 3
- HMSE 1100 Conc of Fitness and Wellness** Credits: 2
Stressing individual responsibility for achieving optimal well-being, this course emphasizes preventative health practices which promote healthful lifestyles and reduce risk factors associated with disease.
- HPRO 2100 Wellness Concepts and Prac** Credits: 3
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.
- HSC 190 Intro to Human Pathophysiology** Credits: 3
- HTL 110 Intro to Hospitality Industry** Credits: 3
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.
- HUM 1010 Introduction to Humanities I** Credits: 3
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.
- INTC 1050 Computer Graphics** Credits: 3
A course designed to introduce the concepts of computer graphics creation. This course is designed to teach computer graphics creation to students with no prior graphics background. Prerequisite: BIT 1150
- MATH 1710 Pre-Calculus** Credits: 3
This course is a study of the algebra necessary to prepare for calculus. Topics covered will include polynomial, rational, exponential, logarithmic, and trigonometric functions; systems of equations and inequalities; matrices; sequences and series; and conics including parametric and polar equations.
- MATH 2810 Disc Struct and Math Reason** Credits: 3
Please visit <http://www.rodpc.org> for the latest description for this course.
- MDT 2100 Photoshop Essentials** Credits: 3

Students are introduced to the digital darkroom using Adobe Photoshop and Image Ready with images from film and flatbed scanners, digital cameras, and other media. Topics covered include: selecting, layers, color correction, color theory, retouching, special effects, rollovers, animation, slicing, type effects, and using Photoshop as a design tool. Documents created in class will be optimized for web, print, and multimedia uses. Students will complete a variety of tutorials as well as create personal projects.

MKT 2450 E-Commerce Credits: 3
Please visit <http://www.rodpc.org> for the latest description for this course.

PHIL 210 Introduction to Philosophy Credits: 3
Please visit <http://www.rodpc.org> for the latest description for this course.

PHYS 1030 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. May be taken with ASTR 1030 to form a two-semester science sequence. This course is NOT for science or engineering majors.

POL 1010 US Government and Politics Credits: 3
This course offers an introduction to U.S. government and politics, focusing on citizen participation and governmental institutions.

POL 1020 Introduction to Political Science Credits: 3
Please visit <http://www.rodpc.org> for the latest description for this course.

POLS 1501 Intro to International Rel Credits: 3
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.

PS 2020 State and Local Government Credits: 3
This course covers the basics of how state and local governments operate. It includes topics such as federalism, state constitutions, political parties and elections at the state and local level, legislatures, governors, the judiciary, the structure of local governments, and of course public budgeting and service delivery. The course also deals with several issue areas of concern to states and local governments such as education, criminal justice, economic development, and social welfare and health care policy.

PSCI 1010 Survey of Physical Sci I Credits: 4
This course includes a study of six fundamental components of the physical sciences, Newtonian mechanics; linear motion, momentum, energy, gravity, satellite motion, fluid mechanics, thermodynamics; thermal energy, heat transfer, electricity, magnetism, waves; sound and light waves, and the properties of light. This course also includes a study of Chemistry including the structure of the atom, the atomic nucleus, periodic table, chemical bonding, chemical reactions, acids, bases, molecular mixing, organic chemistry, and nuclear chemistry. This course will establish a base with which the non-science student can view nature more perceptively.

PSY 101 General Psychology I Credits: 3
This course is designed to provide an overview of the field of psychology and human behavior. Topics include: philosophical perspectives, history, biology, learning, personality, behavioral biology, development, motivation, emotion, abnormal behavior, theories, and therapies.

PSYC 2111 Psyc of Hum Growth and Develop Credits: 3

This course surveys the biological and environmental factors influencing the physical, intellectual, social, emotional, and language development from birth until death. It explores causes and results of interruption in or interference with the developmental process. This course surveys the changes individuals go through from conception to death, from womb to tomb. The aspects of development including biological, social, cognitive, emotional, and moral will be covered. The theme of this course is change. We will examine how the abilities, needs, problems, and concerns of humans change throughout life, and how people are shaped by their experiences throughout their development.

PY 151 Psychology of Personal Adjustment Credits: 3

The purpose of this course is to increase self-knowledge, personal freedom, and personal accountability, and the ability to effect positive personal change. Emphasis is on self-discovery, self-awareness, and personal growth.

PY 215 Child Growth and Develop Credits: 3

Physical, emotional, social and intellectual child development from conception through adolescence; concepts of development and function derived from theoretical approaches, research and clinical observation emphasized; child rearing applications included.

SOC 1010 General Sociology Credits: 3

This course will introduce theoretical approaches of sociology. Theories and methods of sociological research will also be discussed.

SOC 1020 Social Problems Credits: 3

This course will introduce students to the increasingly acute and intense problems such as alcoholism, violence, drugs, crime, inequality, lifestyle preferences and environmental abuse within the context of social change.

SOCI 1120 Intro to Cultural Anthropology Credits: 3

This course introduces the study of human culture. It focuses on human adaptation and diversity; the development and variety of economic, political, religious, family and expressive institutions.

SOCI 2000 Marriage and Family Credits: 3

Please visit <http://www.rodpc.org> for the latest description for this course.

SP 110 Fund of Public Speaking Credits: 3

An introductory public speaking course stressing the organization and presentation of the extemporaneous speech in a variety of settings. Prerequisite: ENGL 1010

TELC 2007 Adolescent Learners Credits: 3

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.

TELC 2009 Managing the Learning Environ Credits: 3

This class is designed for the beginning teacher. It focuses on planning, organizing and interacting with your students.

TELC 2013 Adult Learners Credits: 3

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.

WEB 2110 Motion Vector Graphics Credits: 3

This fundamental course examines and demonstrates essential elements in creating vector-based Web animation. The topics include vector vs. bitmap images, timelines, special effects, and use of plug-ins vs. HTML-only animations. The emphasis of this course will be on creating high-quality Web pages using principles of layout design, color theory as applicable to Web design, and preparation of text for the Web.

WEB 2120 Audio/Video for the Web Credits: 3

Please visit <http://www.rodpc.org> for the latest description for this course.

WEB 2200 CIW Foundations Credits: 3

Please visit <http://www.rodpc.org> for the latest description for this course.

WEB 2811 Adv Computer Graphics Credits: 3

This course is designed to enhance the computer skills of those using graphics programs to prepare images for the web or print delivery. Prerequisites: Internet skills, HTML code, graphic formats, web site building, web pages design, and an introductory knowledge of computer graphics.

WEB 2812 Adv Web Page Site Design Credits: 3

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.

WMST 2010 Introduction to Women's Studies Credits: 3

Roane State Course Descriptions

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. (Includes 12 hours of clinical observation) F, Sp

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. F, Sp

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

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.

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.

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 hours lecture, demonstration exercises) Sp

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. (as needed)

ART 101 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

ART 102 Studio Fundamentals: Two Dimensional Design Credits: 2

Surface composition and color. Primarily for art, architecture, interior design, and art education majors. Additional work may be required outside class. (2 hours lecture, 2 hours laboratory) F

ART 103 Studio Fundamentals: Three Dimensional Design Credits: 2

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. (2 hours lecture, 2 hours laboratory) Sp

ART 1030 Art Appreciation Credits: 3

Form and meaning in the visual arts, lecture-discussion. Especially for non-majors. F, Sp, Su

ART 104 Introduction to Illustration Credits: 3

Illustration is a design-related career field dealing with the production of pictorial material accompanying and enhancing text through the rendering of scenes, objects and people. Illustration may also include producing maps, charts and diagrams. (Prerequisite: ART 101 or ART 111) (3 hours lecture, 3 hours laboratory) (Course offered as needed for graduation) F

ART 105 Illustration II Credits: 3

A continuation of ART 104 with a more self-actualized course of instruction. (Prerequisite: ART 104) (3 hours lecture, 3 hours laboratory) (Course offered as needed for graduation) SP

ART 111 Drawing I: Survey of Drawing 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. (Prerequisite: ART 101 or ART 102 or instructor approval) (3 hours lecture, 3 hours laboratory) F, Sp

ART 112 Drawing II Credits: 3
A continuation of Drawing I. (Prerequisite: ART 111 or instructor approval) (3 hours lecture, 3 hours laboratory) F, Sp

ART 113 Painting I: Introduction Credits: 3
An introduction to the techniques, materials, and tools of oil and acrylic painting. (Prerequisite: ART 101 or ART 102 or instructor approval) (3 hours lecture, 3 hours laboratory) F, Sp

ART 114 Painting II Credits: 3
A continuation of ART 113 with an emphasis on individual experimentation. (Prerequisite: ART 113) (3 hours lecture, 3 hours laboratory) F, Sp

ART 131 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

ART 132 Photography II Credits: 3
Individual research in specific photographic topics. Some additional fees for supplies may be required. (Prerequisite: ART 131) (3 hours lecture, 3 hours laboratory) F, Sp

ART 133 Photography III Credits: 3
Continued individual research in specific photographic topics. Some additional fees for supplies may be required. (Prerequisite: ART 132) (3 hours lecture, 3 hours laboratory) F, Sp

ART 134 Photography IV Credits: 3
Continued individual research in specific photographic topics. Some additional fees for supplies may be required. (Prerequisite: Art 133) (3 hours lecture, 3 hours laboratory) F, Sp

ART 141 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. (Prerequisites: ART 102 & ART 142) (3 hours lecture, 3 hours laboratory) F

ART 142 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 microcomputer 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

ART 143 Computer Art II Credits: 3
Advanced exploration of computer applications and graphic design for pagination, presentation, illustration, three dimensional modeling, or animation. (Prerequisite: ART 142) (2 hours lecture, 1 hour laboratory per week required AND 4-6 hours per week (minimum) computer lab time) F, Sp

ART 144 Computer Art III Credits: 3
Continuation of ART 143 (Prerequisite: Art 143) (2 hours lecture, 1 hour laboratory per week required AND 4-6 hours per week (minimum) computer lab time) F, Sp

ART 145 Computer Art IV Credits: 3
Continuation of ART 144. (Prerequisite: ART 144) (2 hours lecture, 1 hour laboratory per week required AND 4-6 hours per week (minimum) computer lab time) F, Sp

ART 151 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. (Prerequisite: ART 103 or instructor approval) (3 hours lecture, 3 hours laboratory) (Class available as determined by Director of Art Program) Sp

ART 152 Ceramics II: Throwing Credits: 3
Thrown ceramic forms including functional utilitarian pottery techniques, glazing and firing methods. Some work outside class may be required. (Prerequisite: ART 151) (3 hours lecture, 3 hours laboratory) (Class available as determined by Director of Art Program) Sp

ART 161 Printmaking I Credits: 3
An introductory survey of printmaking with studio experience in intaglio, monotype, relief and collography. (3 hours lecture, 3 hours laboratory) (Class available as determined by Director of Art Program) Sp

ART 162 Printmaking II Credits: 3
Continuation of ART 161. (Prerequisite: ART 161) (3 hours lecture, 3 hours laboratory) (Class available as determined by Director of Art Program) Sp

ART 165 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. (Class available as determined by Director of Art Program) F, Sp

ART 166 Video II Credits: 3
Continuation of ART 165, Video I. (Prerequisite: ART 165) (Class available as determined by Director of Art Program) F, Sp

ART 167 Video III Credits: 3
Continuation of ART 166 Video II. (Prerequisite: ART 166) (Class available as determined by Director of Art Program) F, Sp

ART 181 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

ART 182 Visions Seminar II Credits: 2
Continuation of ART 181. (Prerequisite: ART 181) F, Sp

ART 183 Visions Seminar III Credits: 2
Continuation of ART 182. (Prerequisite: ART 182) F, Sp

ART 184 Visions Seminar IV Credits: 2
Continuation of ART 183. (Prerequisite: ART 183) F, Sp

ART 201 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 available as determined by Director of Art Program) F, Sp

ART 202 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 available as determined by Director of Art Program) F, Sp

ART 203 Survey of Contemporary Art Credits: 3
History of development of modern art from Impressionism through present day movements. (Prerequisite: ART 202) (Class available as determined by Director of Art Program) F, Sp

ART 205 Web Graphics I Credits: 3
Design and development of graphics for the World Wide Web. (Prerequisite: ART 142 or instructor approval) (3 hours lecture, 3 hours laboratory) (Class available as determined by Director of Art Program) F, Sp

ART 206 Web Graphics II Credits: 3
Continuation of ART 205. (Prerequisite: ART 205) (3 hours lecture, 3 hours laboratory) (Class available as determined by Director of Art Program) F, Sp

ART 207 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

ART 208 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: ART 207) F, Sp

ART 209 Animation III Credits: 3
Advanced topics in 3D modeling/animation, composition and the development of independent creative work. (Prerequisite: ART 208) F, Sp

ART 211 Watercolor I: Introduction Credits: 3
Techniques, materials, and tools of transparent watercolor. A minimum of two hours painting outside class will be required. (Prerequisites: ART 101 or ART 102 or instructor approval) (3 hours lecture, 3 hours laboratory) F, Sp

ART 212 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. (Prerequisite: ART 211) (3 hours lecture, 3 hours laboratory) F, Sp

ART 221 Portfolio Preparation Credits: 2
This course emphasizes (1) preparation of portfolio, demo reel, multimedia CD or sample book, (2) preparation and monitoring of the internship experience, and (3) preparation and completion of the six proficiency tests required in the CAD degree. (Class available as determined by Director of Art Program) Sp

ASTR 101 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

ASTR 102 Introduction to Astronomy II Credits: 4

A continuation of ASTR 101 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 101) (3 hours lecture, 3 hours laboratory) Sp

BIOL 110 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

BIOL 112 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

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 remedial and developmental courses 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

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 Management, and Contemporary Management. Students planning to transfer into a baccalaureate program should consult their advisor when choosing natural science electives). F, Sp

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. (Prerequisite: BIOL 2010) Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) F, Sp, Su

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

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. (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. (3 hours lecture, 3 hours laboratory) F

BIOL 2130 General Genetics Credits: 4
Classical and modern principles of heredity; laboratory experiments involving a variety of organisms. (Prerequisites: BIOL 1110, 1120, or the equivalent of 2 years of high school biology and satisfactory ACT scores, or consent of instructor; CHEM 1110, 1120 and BIOL 1110, 1120 recommended). Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) Sp

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. (Prerequisite: BIOL 1110 or 2010 or equivalent college level biology). Each student will be assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) F, Sp, Su

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

BUS 100 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

BUS 101 Introduction to Business Credits: 3
Orientation course designed to give an overall view of business as a framework for further detailed study into accounting, data processing, marketing, management, etc. Included are vocational/career opportunities, business terminology, and the functions that are used in the business process. Students may not receive credit for both BUS 101 and MGT 200. F, S

BUS 111 Business Mathematics 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. F, Sp

BUS 112 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. F, Sp

BUS 215 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. Sp

BUS 216 Service Learning in the Community Credits: 3

This course allows students to conceptually apply classroom learning to real-world business situations. Students work in teams to brainstorm, design and actually implement service-learning projects in the community and the global business environment. Projects are centered on applying and teaching others the principles of business in a free-market society. Roane State Community College is partnering with the worldwide SIFE® organization (Students In Free Enterprise) to showcase activities and compete with other colleges globally to accomplish the goals of this course. This class requires students to become members of the SIFE organization. Course availability determined by Dean of Business and Technology.

BUS 217 Payroll Accounting Credits: 3
This course is designed to cover the payroll procedures and laws that affect payroll operations and employment practices. Students will be required to complete all payroll operations for a business including payroll tax returns. Students will also complete payroll preparations using payroll software. Prerequisite: BUS 221 and COLL 1020 or demonstrated computer proficiency.

BUS 221 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

BUS 222 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: BUS 221; a grade of C or better is strongly recommended in BUS 221) F, Sp

BUS 224 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: BUS 222; a grade of 'C' or better is strongly recommended in BUS 222) Sp

BUS 225 Income Tax Accounting - Personal 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: BUS 222 or permission of instructor; a grade of 'C' or better is strongly recommended in BUS 222) F

BUS 226 Income Tax Accounting - Business Credits: 3
Federal income tax laws with emphasis on the preparation of returns for business. Both manual and computerized tax returns will be prepared. (Prerequisite: BUS 225 or permission of instructor; a grade of 'C' or better is strongly recommended in BUS 225) Sp

BUS 227 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: BUS 222 or consent of instructor; a grade of 'C' or better is strongly recommended in BUS 222) F

BUS 230 Quality Management Seminar Credits: 1 to 5
Various perspectives in quality management examined. Topical material studied in course will be identified in appropriate class schedule. Course availability determined by Dean of Business and Technology.

BUS 233 Intermediate Accounting Credits: 4
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: BUS 222; a grade of 'C' or better is strongly recommended in BUS 222) F

BUS 234 Introduction to Public Relations Credits: 3
An introduction to the concepts of public relations, including customer expectations, internal workplace attitudes and ethics, writing press releases, seeking and receiving beneficial outside coverage, applying sound PR techniques as part of an overall strategy. Emphasis will be placed on writing skills, time management and evaluation. Course availability determined by Dean of Business and Technology.

BUS 236 Negotiations/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 236 and MGT 225. F, Sp

BUS 251 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. F, Sp

BUS 255 Microcomputing Accounting Applications I Credits: 3
A course designed to acquaint business management majors with common microcomputer applications in the field of accounting. (Prerequisites: BUS 221 and COLL 1020; a grade of 'C' or better is strongly recommended in BUS 221) Sp

BUS 257 Microcomputing Accounting Applications II Credits: 2
A course designed to acquaint the student with commercial accounting software using the microcomputer for medium size companies. Includes tracking of receivables, payables, inventory, and financial statement preparation. (Prerequisite: BUS 221 and COLL 1020; BUS 255 is strongly recommended; a grade of 'C' or better is strongly recommended in BUS 221) F

BUS 261 Psychological Aspects of Management Credits: 3
This course applies psychological principles to business and other organizations concerned with effective management. Topics covered include leadership and supervision; communications and human relation skills; scientific and humanistic management and motivation skills, group dynamics and coping with change. F, Sp

BUS 262 Business Seminar Credits: 1 to 4
Exploration of specialized business interests. Topical material studied in course will be identified in the class schedule. Course availability determined by Dean of Business and Technology.

BUS 271 Sales Credits: 3
A course emphasizing the relationship of product and market, industrial and consumer sales, methods of market analysis, sales and sales methods. F, Sp

BUS 272 Retailing Credits: 3
A study of the principles and practices of retailing including planning, policies, and procedures of distribution. Course availability determined by Dean of Business and Technology.

BUS 273 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. Students may not receive credit for both BUS 273 and MGT 205. F, Sp

BUS 274 Marketing Opportunity Analysis Credits: 3
The purpose of this course is to provide a link between theory and practice by evaluating current and future market conditions in order to identify marketing opportunities. This is accomplished by introducing the student to patterns and plans which integrate the major goals, policies, and action sequences of the organization into a cohesive whole, allocating its resources into a unique posture within the internal and external environmental conditions. Students will be able to devise a marketing plan which exploits the opportunity so identified. They will also be able to estimate the consequences of implementing this plan. (Elective credit only) Course availability determined by Dean of Business and Technology.

BUS 278 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. Sp

BUS 281 Management and Supervision Credits: 3
This two course sequence 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. Students may not receive credit for both BUS 281 and MGT 201. F, Sp

BUS 284 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. Sp

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. (Prerequisite: 2 years of high school algebra with appropriate score of 19 or above on the ACT MATH portion OR DSPM 0850 - Intermediate Algebra) Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) F, Su

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. (Prerequisite: 2 years of high school algebra and 1 year high school chemistry or 2 years of high school algebra and CHEM 1000) Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) F, Sp

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. (Prerequisite: CHEM 1010) Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) Sp

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. (Prerequisite: 2 years of high school algebra and 1 year high school chemistry or 2 years of high school algebra or CHEM 1000) Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) F, Sp

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. (Prerequisite: CHEM 1110) Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) Sp, Su

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. (Prerequisite: CHEM 1120) Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) F

CHEM 2020 Organic Chemistry II Credits: 4
A continuation of CHEM 2010, covering carbanion condensations, heterocyclics, fats, carbohydrates, amino acids, and proteins. (Prerequisite: CHEM 2010) Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) Sp

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. F

CIT 110 Procedures II Credits: 3
This course covers theory and practice of physiological monitoring, emergency care, and pharmacology. Sp

CIT 120 Procedures II Credits: 3
An overview of patient care and legal considerations, equipment and instrumentations, image quality and control, sterile techniques and isolation procedures. F

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. F

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.

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.

COE 103 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.

COE 104 Cooperative Education IV 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.

COE 201 Cooperative Education III Credits: 3

COE 202 Cooperative Education IV Credits: 3

COLL 1020 Technology Essentials Credits: 3
An introductory course including fundamental concepts and terminology using Windows XP, Internet Explorer, MS Word, MS Excel, and MS PowerPoint. Students also learn how to function in the course management system (D2L) and online environment, preparing them for other D2L and online courses. F, Sp, Su

CRJT 101 Introduction to Criminal Justice Credits: 3
Philosophical and historical background; agencies and respective jurisdictions; police ethics, public relations and career orientation. F

CRJT 105 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. F, Sp

CRJT 110 Juvenile Delinquency 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. F

CRJT 111 Criminal 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. Sp

CRJT 112 Court Procedures Credits: 3

An introduction and study of court procedures and specifically rules of evidence for all career areas of the criminal justice systems. Content will range from the basic considerations of relevancy through qualifications of witnesses to specific evidential problems. Sp

CRJT 201 Police Administration and Organization Credits: 3

A study of police organizations, their hierarchical structure, techniques of administration and management utilized in standard police organizations with emphasis on problems of supervision, responsibility and control of police units. F

CRJT 210 Counseling the Juvenile I Credits: 3

This unique course involves direct participation between Roane County criminal justice students and selected delinquents from the Roane County Juvenile Court System. Student participants meet weekly with their assigned offender. F

CRJT 211 Counseling the Juvenile II Credits: 3

This unique course involves direct participation between Roane County criminal justice students and selected delinquents from the Roane County Juvenile Court System. Student participants meet weekly with their assigned offender. Sp

CRJT 213 Criminal Investigation Credits: 3

Fundamentals of criminal investigation procedures; crime scene search and recording, collecting and preserving evidence; scientific and technical aids; case preparation. Sp

CRJT 214 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. F, Sp

CRJT 221 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. Sp

CRJT 231 Special Topics in Criminal Justice Credits: 3

A course designed to consolidate the various learning experiences in police science. Emphasis is placed on special problems. Sp

CST 103 Computer Presentations Credits: 3

Students learn the art of designing, creating, and delivering sophisticated and professional computer presentations using PowerPoint 2003. Presentations will include sound, video, charts, graphics, hyperlinks, and other enhancements that will illustrate their topics. Although the course is offered online via WebCT, students are required to attend two live class meetings to deliver presentations. (Prerequisite: COLL 1020). F, Sp

CST 105 Database Creation and Design Credits: 3

Focus is on terminology, object creation, data manipulation and integration with other applications. Although this course is offered online via WebCT, students may attend a weekly lab if they wish. (Prerequisite: COLL 1020) F, Sp

CST 108 Web Fundamentals Credits: 3

This course introduces vital concepts of the Internet and the Web. Students will create web documents for personal use or for business-related purposes using the Hypertext Markup Language (HTML). This course will provide a solid foundation for many other web technologies. (Prerequisite: COLL1020) F, Sp

CST 109 Introduction to Programming Credits: 3

Students will learn the basic principles of object-oriented programming (OOP) and how to design and develop programs using Java. Topics include OOP concepts such as: classes, objects, methods, inheritance, encapsulation, and polymorphism; program design using the Unified Modeling Language (UML). Students will also learn Java language elements and syntax for class definitions, variables, methods, data types, operators, control structures, and strings. Learning will be enhanced through in-class exercises and programming assignments. No previous programming experience is required. (Prerequisites: academic development requirements in reading and math, COLL 1020) (2 hours lecture, 2 hours laboratory) F

CST 117 Introduction to Visual Basic Credits: 3

Examines the object-based, event driven approach to creating useful applications. Students first learn the user interface design considerations, language constructs, looping structures, error handling, file handling and simple database access. Students then apply their newly acquired skills to create applications to solve problems. (Prerequisite: COLL1020 or proof of competency) Sp

CST 135 Spreadsheets Credits: 3

This course is designed to introduce students to the fundamental operations that can be performed with a spreadsheet. Topics include: spreadsheet design and formatting; using formulas to calculate the sum, average, max, min, and count; displaying charts and graphs from the data using absolute and relative cell addressing in a spreadsheet; and manipulating to and from multiple spreadsheets. Students will use the spreadsheet software, Microsoft Excel 2003. The course is offered online only through WebCT. (Prerequisite: COLL 1020) F, Sp

CST 137 PC Repairs and Maintenance Credits: 3

Students learn how to install, maintain, repair, troubleshoot and connect computer systems found in typical home and business environments. This course will also assist students who wish to take the CompTIA A+ Hardware Certification examination. (Prerequisite or Corequisite: COLL 1020) F

CST 142 Networking Essentials Credits: 3

Introduces the fundamental networking concepts and technologies. Students will develop skills necessary to plan and implement networks in a typical business environment. This is the first networking course for students who wish to pursue networking certification through Cisco. (Prerequisite: COLL1020) Sp

CST 143 Introduction to Routers Credits: 3

Students will learn about routers and their functions. Students will gain valuable networking experience by building networks and configuring routers in labs. This course will also assist students who wish to pursue networking through Cisco. (Prerequisite: CST 142) F

CST 156 Beginning Internet Credits: 3

Introduces students to services and information featured on the Internet, with an emphasis on using the Internet effectively for research. (Prerequisite: Adequate keyboarding and computing skills. OAD 100 and COLL 1020 recommended) F, Sp

CST 161 Introduction to Internet and Web Page Design Credits: 3

Beginner level course on web design, including HTML, coding, graphics, and site building. Course availability determined by Dean of Business and Technology.

CST 202 Introduction to Project Management Credits: 3

Project Management will act as a capstone course for all computer science majors and any other majors who might benefit from this course. Students will use case studies and hands on Project Management applications to learn all the essential topics of planning 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. Near the end of the semester, students will manage a real project in their major; i.e. database students will create a real database application. (Prerequisites: all freshman year courses in the students field should be completed) Sp

CST 203 Data Structures Credits: 3
A continuation of CST 109 (JAVA). This course takes an object-oriented approach to the design and development of abstract data types and data structures. Topics include abstract data types, recursion, arrays, files, streams, I/O techniques, searching, sorting, and data structures. After completing this course, students will be able to design and implement complex data structures such as stacks, queues, lists, and trees. (Prerequisite: CST 109 or CST 209). (2 hours lecture, 2 hours lab) Sp

CST 204 Database Programming Credits: 3
Students learn how to enhance their database forms and reports using Visual Basic for Applications and SQL coding. Students are required to create a database of their own design. Although this course is offered online via WebCT, students may attend a weekly lab if they wish. (Prerequisite: COLL 1020). F, Sp

CST 206 Introduction to Network Security Credits: 3
Introduction to Network Security course provides a general overview of computer and network security for home and office users. The topics include General Security Concepts, Communication Security, Infrastructure Security, Basics of Cryptography and Operational / Organizational Security. Strong emphasis is placed on developing the skills of applying scientific method to problem solving, a keen awareness of current and future security issues, and working knowledge of safe guarding personal and cooperation electronic data in storage or in transit. (Prerequisites: Academic development requirements in reading and math, COLL1020 and CST 216 Network and PC Repair or instructor approval) F, Sp

CST 208 Database Management II Credits: 3
Students design a sophisticated database using design techniques, such as writing proposals, collecting and analyzing user views, and sketching the design in pseudocode. Students then create a user-friendly, secure, marketable database application that applies their mastery of SQL, VBA, and MSAccess. Finally, students use MS PowerPoint to present their database application for review. On completion of this class, students qualify to apply for a Certificate of Advanced Database Management Systems. (Prerequisites: CST 103, 204 and 212). Course availability determined by Dean of Business and Technology.

CST 209 Java Programming I Credits: 3
This course will cover the fundamental concepts of Object Oriented programming using Java. Prerequisites: CIS 100, BIT 1150 or permission of instructor.

CST 215 Operating Systems Credits: 3
This course examines the fundamentals of supporting and troubleshooting computer operating systems. Popular and newest operating systems will be examined. This course is appropriate for students who want to pursue CompTIA's A+ Software Certification and a career as a computer service technician. (Prerequisite: CST 137) Sp

CST 218 Advanced JAVA Credits: 3
A continuation course in Object Oriented Programming using JAVA. The JDK tool kit is used. A reminder of the concepts of super classes, subclasses with the issues of inheritance and polymorphism developed in CST 209. The course focuses on recursive problem solving throughout many applications and data structures. It compares sequential data structures implementation to recursive data structures implementation. The data structures used and implemented are Stacks, Queues, Lists, and Trees. (Prerequisite: CST 109). F, Sp

CST 221 Seminar in Computer Applications Credits: 1 to 4
Covers special topics in computer applications. Check with your academic advisor for courses offered each semester. Course availability determined by Dean of Business and Technology.

CST 233 PHP, MySQL, Apache Credits: 3
This course follows a step-by-step introduction to the topics concerning programming with MySQL. Topics include introduction to Web development and PHP, working with data types and operators, building functions and control structures, manipulating strings, accessing files and directories, manipulating data in arrays and strings, working with databases and MySQL, manipulating MySQL databases with PHP, managing state information, developing object-oriented PHP, and debugging and error handling.

CST 236 Web Design Methodology Credits: 3
A continuation of the web technologies introduced in the Web Fundamentals course. New and exciting web technologies will be introduced. Also, popular WYSIWYG editors will be examined to create attractive and functional web documents. (Prerequisite: CST 108). Sp

CST 237 e-Commerce Design Credits: 3
Students learn how to conduct business online and manage technological issues associated with electronic commerce web sites. This course prepares students for the CIW e-Commerce Design Exam. (Prerequisite: CST 108 or CIW Foundations Certificate). Sp

CST 238 Introduction to JavaScript Credits: 3
JavaScript is a client-side scripting language. Students learn how to use JavaScript to create dynamic web pages, to validate data, and to provide web interactivities for the users. (Prerequisite: CST 108). F

CST 239 Server Administrator Credits: 3
This course is designed for personnel responsible for implementing real-world solutions for company intranets or ISPs that provide Internet Web services. Students learn Internet service concepts and technologies, including user management, system platforms, Internet connections and TCP/IP services for e-Commerce businesses. This course prepares students for the CIW Server Administrator Exam. (Prerequisite: CST 108 or CIW Foundations Certificate). Course availability determined by Dean of Business and Technology.

CST 275 Unix/Linux Operating Systems Credits: 3
This course covers the essentials of installing, configuring, maintaining, administering, and troubleshooting the Linux Operating System. This course also encompasses a complete coverage of the Unix, including shells, utilities, X-windows and networking. (Prerequisites: CST 215 and CST 272). F

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. F

- CTR 112 Clinical Education I** Credits: 3
Students perform 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.) Co-requisite: CT Physics. 24 hours per week.
- 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. 3 hours lecture. Prerequisite for course: ARRT certification.
- CTR 212 Clinical Education II** Credits: 3
Students perform 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.) Co-requisite: CT Patient Applications. 24 hours per week.
- CTR 214 Special Topics** Credits: 3
Independent study of Computed Tomography procedures. 3 hours lecture.
- DHT 101 Preclinical Dental Hygiene** Credits: 5
This course introduces the student to basic concepts and techniques of performing oral health services. The student will demonstrate knowledge and skill of learned techniques in a supervised preclinical setting. (3 hours lecture, 8 hours laboratory/week) F
- DHT 111 Dental Science I** Credits: 3
This course covers topics in tooth morphology: head, neck and oral anatomy; oral embryology and oral histology; oral and basic pathology; periodontology. (3 hours lecture/week) F
- DHT 112 Dental Science II** Credits: 3
This course is a continuation of Dental Science I. (Prerequisites: BIOL 2010 & CHEM 1010) Sp
- DHT 121 Clinical Dental Hygiene I** Credits: 2
- DHT 132 Dental Radiography** Credits: 3
This course covers topics in the theory, practice and interpretation of radiography. Safety concerns will be addressed. Students will demonstrate proficiency in the use of dental radiography equipment. (2 hours lecture, 2 hours laboratory) Sp
- DHT 133 General and Oral Pathology** Credits: 4
This course covers general pathological concepts and a study of oral pathology. (Prerequisite: BIOL 2020) (7 1/2 hours lecture/week) Su
- DHT 141 Principles of Dental Hygiene I** Credits: 3
This course is a continuation of the concepts and techniques outlined in DHT 101. Sp
- DHT 161 Biochemistry and Nutrition** Credits: 3
This course presents the basic principles of the biochemistry of nutrition and the application of these principles to clinical Dental Hygiene. (Prerequisite: CHEM 1010) Sp
- DHT 171 Dental Materials** Credits: 3
This course investigates the characteristics, physical properties, manipulation, uses and care of materials used in dentistry. (4 hours lecture, 6 hours laboratory/week) Su
- DHT 201 Pharmacology and Pain Control** Credits: 3
This course includes a study of drugs used in dentistry and pain control measures used in dentistry. F
- DHT 211 Dental Hygiene Seminar** Credits: 2
This course covers topics of professionalism for the dental hygienist including legal aspects of practice, ethics and dental office practices. Sp
- DHT 212 Community Health** Credits: 3
This course covers concepts of public community health and includes field experiences in a variety of community health settings. (2 hours lecture, 3 hours laboratory/week) Sp
- DHT 221 Clinical Dental Hygiene II** Credits: 3
Continuation of the supervised clinical practice of previously learned dental hygiene techniques.(180 total hours of clinic) F
- DHT 222 Clinical Dental Hygiene III** Credits: 3
Continuation of the supervised clinical practice of previously learned dental hygiene techniques.(180 total hours of clinic) Sp
- DHT 240 Principles of Dental Hygiene II** Credits: 2
This course is a continuation of DHT 141. F
- DHT 242 Principles of Dental Hygiene III** Credits: 1
This course is a continuation of DHT 240. Sp
- DHT 251 Periodontology** Credits: 1
This course presents advanced concepts in the treatment of periodontal disease. F
- DSPM 0700 PreAlgebra** Credits: 3
This course stresses basic arithmetic and geometry skills, operations with integers, and solving basic linear equations. Satisfactory completion of this course or other evidence of competencies in these areas is a prerequisite for DSPM 0800-Elementary Algebra. This course does not fulfill the math requirement for graduation. F, Sp, Su
- DSPM 0800 Elementary Algebra** Credits: 3
This course is designed to provide students basic algebraic skills on a pre-college level. Satisfactory completion of this course or other evidence of competencies in these areas is a prerequisite for DSPM 0850-Intermediate Algebra. This course does not fulfill the math requirement for graduation. F, Sp, Su
- DSPM 0850 Intermediate Algebra** Credits: 3
This course is designed to provide students advanced algebraic skills on a pre-college level. Satisfactory completion of this course or other evidence of competencies in these areas is a prerequisite for appropriate college level mathematics courses. This course does not fulfill the math requirement for graduation. F, Sp, Su
- DSPR 0700 Basic Reading** Credits: 3
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 DSPR 0800. F, Sp, Su
- DSPR 0800 Developmental Reading** Credits: 3
Provides instruction for the improvement of college reading skills with special emphasis on assessment and remediation. It is designed to develop college-level reading competence through lecture, discussion and small-group instruction. Primary focus is given to the development of inferential and critical reading ability. F, Sp, Su
- DSPS 0800 Learning Strategies** Credits: 3

This course reviews the speaking, listening, and study skills techniques which facilitate successful participation in college courses (Cannot be used to satisfy minimum number of hours required for graduation). F, Sp, Su

DSPW 0700 Basic Writing Credits: 3
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, and paragraph development. Satisfactory completion of this course or other evidence of competency in these areas is a prerequisite for DSPW 0800. F, Sp, Su

DSPW 0800 Developmental Writing Credits: 3
Designed to develop writing skills through journal writing, vocabulary enrichment, and critical thinking with special emphasis on paragraph patterns and short essays. F, Sp, Su

ECED 1010 Introduction to Early Childhood Education Credits: 2
Introduction to the early childhood profession including an emphasis on professionalism and developmentally appropriate practice. 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 to nine. Field experiences required. Sp (alternating years)

ECED 2010 Safe, Healthy Learning Environments Credits: 3
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 to nine. Also included is a study of principles of creating appropriate learning environments for young children. Field experiences required. F, Sp

ECED 2015 Early Childhood Curriculum Credits: 3
A study of developmentally appropriate practices and the teacher's role in supporting development of young children ages birth to nine. An emphasis on curriculum planning including goals, environment, roles of teachers and parents, materials and settings. Field experiences required. (Prerequisites: ECED 1010, 2010 or department approval) F, Sp

ECED 2020 Infant, Toddler, Child Development Credits: 3
The 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 to nine. Laboratory observation and interaction. (Prerequisites: ECED 1010, 2010 and completion of all DSP requirements for reading, writing, and learning strategies or department approval.) Sp (alternating years)

ECED 2030 Infant and Toddler Care Credits: 3
A course on the care and education of infants and toddlers, birth to age three in group settings (i.e., child care centers, family child care homes, Early Head Start). Includes rationales and strategies for supporting the whole child including cognitive, language, social-emotional, and physical development in a safe, responsive environment. Emphasis is on relationship-based care and education with special attention to the unique environment aspects of programs for the child under three. F (alternating years)

ECED 2040 Family Dynamics and Community Involvement Credits: 3

The role of the family and community in the physical, cognitive, social and emotional growth of the child in a diverse society. Includes benefits of and strategies for developing positive, reciprocal relationships with families in an early childhood setting ages birth to nine. Field experiences required. (Prerequisite: ECED 2015 or departmental approval) F, Sp

ECED 2050 Psychomotor Development Credits: 3
This course discusses the major theories of psychomotor development and the application to the development of the young child ages birth to nine. Particular emphasis is placed on the positive development of motor skills. Field experiences required. (Prerequisite: ECED 2020 or department approval.) Sp (alternating years)

ECED 2060 Development of Exceptional Children Credits: 3
Explores practices that early childhood professionals can apply to develop a more inclusive and accessible environment for all children ages birth to nine. Provides students with skills to include children of all abilities through appropriate arrangement of the environment. Includes strategies for developing strong relationships with families and other community agencies. Field experiences required. (Prerequisites: ECED 2020 and 2040 or department approval.) F (alternating years)

ECED 2070 Developmental Assessment Credits: 3
This course will cover assessment for children from birth to nine years of age. Both formal and informal instruments will be discussed with the emphasis on tools that can be used by teachers of young children. Considerations in choosing, administering and reporting results of assessments will also be addressed. Field experiences required. (Prerequisite: ECED 2020 or department approval.) Sp (alternating years)

ECED 2080 Language and Literacy in Early Childhood Credits: 3
The research-based principles and practices for providing young children aged birth to nine a strong foundation in language and literacy within a developmentally appropriate approach. Field experiences required. (Prerequisites: ECED 2015, 2020 or department approval.) F (alternating years)

ECED 2085 Math and Science in Early Childhood Credits: 3
A course on the standards, principles and practices in teaching mathematics and science to young children ages birth to nine. An emphasis will be placed on developing an integrated math and science curriculum that includes appropriate content, processes, environment and materials, and child-centered choices. Field experiences required. (Prerequisites: ECED 2015, 2020 or department approval.) F (alternating years)

ECED 2090 Creative Development Credits: 3
This course provides strategies for promoting creative development of the child ages birth to nine. Students will gain an understanding of the concept of creativity: what it is, why it is important, and how the development of creativity in young children can be encouraged. Emphasis is on the development of creativity in relation to art, music, language, movement and dramatic arts. Field experiences required. Sp (alternating years)

ECED 2100 The Mentoring Teacher Credits: 3
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 simultaneously addressing the needs of children, parents and other staff. (Prerequisite: department approval.) F (alternating years)

ECED 2110 Advanced Learning Environments Credits: 3
This course focuses on the skill, knowledge, and materials development that are necessary in the provision of a developmentally appropriate environment for young children ages birth to nine. Field experiences required. F (alternating years)

ECED 2120 Administration of Child Care Centers Credits: 3
A study of organization and administration practices applicable to the child care center. Topics of special consideration will include leadership, enrollment and public relations, staff management, financial management, facilities, regulations, parent relations, and program development. Field experiences required. Sp (alternating years)

ECED 2130 Clinical Practicum I Credits: 3
Supervised practicum with a minimum of 30 clock hours in seminar and 45 clock hours in early childhood practical experiences. 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. (Prerequisite or corequisite: ECED 2100 or department approval). F, Sp

ECED 2140 Clinical Practicum II Credits: 1 or 2
Supervised clinical experience with a minimum of 15 clock hours in seminar and 45 clock hours in an approved Clinical Site (NAEYC, NAFCC or NSACA accredited agency or department approval site). Course includes emphasis on using reflective practice to examine components of quality, set goals, and design a plan for professional growth for the early childhood educator of children ages birth to nine. (Prerequisites: ECED 1010, 2010, 2015, 2040, 2130 or department approval.) Sp (alternating years)

ECED 2150 Clinical Practicum III Credits: 3
Supervised clinical experience with a minimum of 15 clock hours in seminar and 90 clock hours in a Clinical Site approved by the Department (accredited agency, 3-star or Dept. 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. (Prerequisites: ECED 2130. This should be one of the last courses taken in the ECED program.) F (alternating years)

ECO 201 Principles of Economics I Credits: 3
Conceptual framework of the free enterprise society. Quantitative description of the American economy. Economics of aggregates based on the national income accounting. Macroeconomic income determination, employment, and price level. Introductory principles of money and banking. F, Sp

ECO 202 Principles of Economics II Credits: 3
A continuation of economics with the special emphasis on microeconomics. An introduction to individual demand. Production planning and the related effect upon market structures, resource allocation, and income distribution; e.g., wages, rent, interest, and profits. Sp

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) (as needed)

EDU 101 Introduction to the Teaching Profession Credits: 2

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. F, Sp

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

EDU 121 Introduction to Early Childhood Education Credits: 3

Societal factors involved in the development of early childhood education, historical perspectives, major theories and application of theories, establishing appropriate educational environments, and related issues. (as needed)

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

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

EDU 212 Child Development and Psychology Credits: 3
This course presents an overview of the domains of child development and an understanding of theories applicable to establishing appropriate education environments and related issues. It also addresses classroom education and specific principles from the areas of development, learning, communication, cultural and gender differences. F, Sp

EDU 220 Creative Arts for Young Children Credits: 3
Planning and executing appropriate development activities for young children in a wide range of curriculum areas. (as needed)

EDU 221 Trends and Issues in Education I Credits: 3
In-depth analysis of a particular topic, concern, or problem in education. (as needed)

EDU 222 Trends and Issues in Education II Credits: 3
In-depth analysis of a particular topic, concern, or problem in education. (as needed)

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

EDU 230 Administration of Early Childhood Education Programs Credits: 3

Administrative and managerial procedures relevant to the operation of early childhood education programs. (as needed)

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

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. (as needed)

EDU 240 Children's Literature Credits: 3
A survey course dealing with readings and discussions in developmentally appropriate practice literature and related activities. (as needed)

EHT 120 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. (as needed)

EHT 130 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. (as needed)

EHT 201 Environmental and Occupational Law and Regulations Credits: 3
Survey of federal and state laws regulating environmental management, employee health and safety, hazardous substances, waste management and environmental restoration, and water and air pollution. (as needed)

EHT 210 Environmental Instrumentation 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. (as needed)

EHT 211 Safety and 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. (as needed)

EHT 215 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. (as needed)

EHT 225 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. (as needed)

EHT 230 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. (as needed)

EHT 242 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. (as needed)

EMT 109 First Responder Credits: 3
This is the initial training course in the art of pre-hospital emergency medical care that follows the guidelines set by the Department of Transportation (D.O.T.). First Responders are individuals trained to assess patients, use AEDs, provide emergency care, and move patients without causing injury. Successful completion of this course enables the student to sit for licensure examination given by the National Registry of EMT. (Prerequisite: Students must have a current Health Care Provider level CPR card.) (Combination lecture/lab 2 hours lecture/2 hours lab per week) F, Sp, Su

EMT 125 Extended Skills for the EMT Credits: 3
This course prepares the EMT student to perform skill competencies consistent with State of Tennessee EMT regulations. Content areas include intravenous access, pharmacology and medication administration for the Basic EMT. Patient assessment and airway management review included. Labs and clinical contacts are required. (2.5 hours lecture--36 hours clinical) F, Sp

EMT 160 Emergency Medical Technician - Basic I Credits: 6
This course is a competency-based educational program consisting of lecture and laboratory instruction. It is designed to provide the student with knowledge of the acute and critical changes in physiological, psychological, and clinical symptoms pertaining to pre-hospital emergency medical care of the infant, child, adolescent, adult and geriatric patient. Students have an opportunity to acquire knowledge and practical skills related to medical/legal/ethical issues, anatomy, airway management, patient assessment and medical/trauma emergencies. This is the first semester of a two semester program that incorporates the state-mandated content and skills required for licensure. (5 hours lecture, 3 hours lab per week) F, Sp EMT 160 is a pre-requisite for EMT 161

EMT 161 Emergency Medical Technician Basic II Credits: 6
This course is a continuation of EMT 160. This course is a competency-based educational program consisting of lecture, lab and clinical instruction. This course is designed to continue gaining knowledge and skills in Medical/Trauma assessment. It allows the students the opportunity to apply the knowledge and skills learned in Scenario Based practice, Pediatrics/Geriatrics, Ambulance Operations, Domestic Violence, Bio-Terrorism, Clinical Internship. Students that successfully complete this course will take the National Registry Exam for the EMT's. Upon successfully completion of the exam, students will be eligible for licensure for EMT in the State of Tennessee. (4 hours lecture, 2 hours lab, 4 hours clinical per week) Sp

EMT 162 Emergency Medical Technician Accelerated Credits: 12

The EMT 162 course is a competency-based educational program consisting of lecture, lab and clinical instruction. It combines EMT 160 and EMT 161 into one semester. It is designed to provide the student with knowledge of the acute and critical changes in the physiological, psychosocial, and clinical symptoms pertaining to pre-hospital emergency medical care of the infant, child, adolescent, adult and geriatric patient. Students have an opportunity to acquire knowledge and practical skills related to Medical/Legal/Ethical Issues, Anatomy, Airway Management, Patient Assessment and Medical/Trauma Emergencies, Scenario Based practice, Pediatrics/Geriatrics, Ambulance Operations, Domestic Violence, Bio-Terrorism, Clinical Internship. Students that successfully complete this course will take the National Registry Exam for the EMT's. Upon successful completion of the exam, students will be eligible for licensure for EMT in the State of Tennessee. (Prerequisites: EMT 109, First Responder, or previous medical background, or successful completion of any college level science. You must have the Program Director's permission.) (9 hours lecture, 6 hours lab, 2 hours clinical per week) F, Sp

EMT 211 Paramedic I Credits: 15
Paramedic I is the first of a 3 part series to prepare the student for National Registry Paramedic examinations. Upon successful completion of these examinations the student will be eligible for State of Tennessee EMT-Paramedic licensure. Topics include paramedic roles and responsibilities, medical/legal considerations, general pathophysiology, general pharmacology, airway management, and cardiology. (Prerequisite: Prior admission to the paramedic program; Corequisite: EMT 221) (8 hours lecture, 7 laboratory hours per week) F, Sp, Su

EMT 212 Paramedic II Credits: 15
Paramedic II is the second of a 3 part series to prepare the student for National Registry Paramedic examinations. Upon successful completion of these examinations the student will be eligible for State of Tennessee EMT-Paramedic licensure. Topics include pulmonology, neurology, endocrinology, gastroenterology, hematology, urology and nephrology, gynecology, obstetrics, neonatology, pediatrics, and trauma. (Prerequisite: EMT 211, Corequisite: EMT 222) (8 hours lecture, 7 lab hours per week) F, Sp, Su

EMT 217 Comprehensive Advanced Cardiac Life Support Credits: 3
An 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 and treatment algorithms. Introduction to ischemias, injury and infarction patterns in 12-lead EKGs. Upon successful completion of this course, students will be ACLS and PALS trained by AHA standards. This course is available to EMTs, EMT-Ps, nurses, respiratory therapists, and physicians. F

EMT 218 Paramedic III Credits: 7
Paramedic III is the third of a 3 part series to prepare the student for National Registry Paramedic examinations. Upon successful completion of these examinations the student will be eligible for State of Tennessee EMT-Paramedic licensure. Topics include clinical decision making, allergies and anaphylaxis, toxicology and substance abuse, environmental emergencies, psychiatric and behavioral disorders and domestic violence. (Prerequisite: EMT 212 Corequisite: EMT 223) (8 hours lecture, 7 lab hours per week) F, Sp, Su

EMT 221 Clinic I Credits: 3

Clinical experience in area hospitals and ambulance services. (Corequisite: EMT 211) (135 Clinical Hours) F

EMT 222 Clinic II Credits: 3
Clinical experience in area hospitals, ambulance services, and geriatric and psychiatric facilities. Continuation of EMT 211. (Corequisite: EMT 212) (135 Clinical Hours) Sp

EMT 223 Clinic III Credits: 4
Clinical experience in area hospitals and ambulance services. Emphasis will be upon making patient care decisions and directing patient care in the pre-hospital setting, within the scope of training. (Corequisite: EMT 218) (215 Hours) Su

EMT 225 Critical Care Credits: 7
Critical Care Emergency Medical Transport Personnel, CCEMT-P. This intensive course is offered in conjunction with the University of Maryland Baltimore Campus (UMBC). It provides the foundation which prepares the paramedic or nurse as a critical care transport specialist. The 80+ hour course covers a wide variety of critical care topics including: critical care environment, breathing management, surgical airway management, hemodynamic management, cardiac management, pharmacological management, GI, GU, and renal management, neurological management, transport considerations and special considerations. Upon successful completion, students will receive a certificate from UMBC valid for three years. (Prerequisites include: ACLS, PALS or ENPC (trauma course) BTLs/PHTLS/TNCC, CPR and two years working in your field of medicine) (3 hours lecture, 3 hours laboratory) F

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. F, Sp, Su

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

ENGL 1210 ESL Advanced Speaking Credits: 3
A course for non-native speakers of English emphasizing vocabulary development in academic content areas, speaking and listening skills. Recommended to all ESL students entering college level courses. F, Sp

ENGL 1220 ESL Basic Pronunciation Credits: 3
A course to help international students improve their English speaking skills and master the patterns of English spelling. Students practice the production of English sound patterns and related spelling patterns. Highly recommended to all ESL students who do not have excellent pronunciation. F, Sp

ENGL 1225 ESL Advanced Speaking Credits: 3

ENGL 1230 ESL Grammar Review Credits: 3
This course is designed to provide students with more exposure to the rules of grammar for academic English. Structures of English with particular focus on patterns of grammar which are frequently troublesome for non-native speakers of English, will be studied. Students will practice applying these structures through extensive speaking, writing, listening and by completing a variety of exercises and writing brief essays.

ENGL 2040 Screenwriting Credits: 3
This course is designed to introduce students to the concept of narrative storytelling and its modes as applied within the craft of writing for the screen. Class will be conducted as a workshop, and class sessions will focus on the examination of screenwriting language and models and on the work of individual class participants. F, Sp

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, Su

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

ENGL 2150 English Practicum Credits: 1 to 5
Introduction to Writing Center theory and the practice of tutoring writing students. Participants will work in one of the RSCC writing centers for one or more semesters to develop tutoring skills and gain professional experience; some writing, research and work on the internet required. (Prerequisites: ENGL 1010 (ENGL 1020 preferred), a writing sample, and permission of the instructor) F, Sp

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

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

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, Su

ENGL 2311 Introduction to Technical Writing Credits: 3
An introduction to the field of technical writing, including editing, researching, report writing in the student's field of specialization, etc. The course is provided online to enhance computer and electronic communication skills. (Prerequisites: ENGL 1010) F

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, Su

ENGL 2411 Advanced Technical Writing Credits: 3
Further study and practice in technical writing, following the principles emphasized in the introductory course. Additional emphasis will be placed on consistency, logic, flow, conciseness, pinpointing and addressing needs, developing skills in persuasion, and synthesizing another's ideas and data. (Prerequisite: ENGL 1010) Sp

ENGL 2421 Technical Research Credits: 3

In-depth study of methods of research, including development of successful interview questions, development of questionnaires, and methods of conducting research online, in the workplace, and using digital libraries. (Prerequisite: ENGL 1010) F

ENGL 2450 Online Communication and Publishing Credits: 3
A targeted study of successful and unsuccessful online communication and its relationship to successful public relations, along with practice in writing, editing, revising, and proofreading online documents. (Prerequisite: ENGL 1010) F

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) Sp

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) F

ERG 161 Fundamentals of Engineering Graphics I Credits: 2
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

ERG 162 Fundamentals of Engineering Graphics II Credits: 3
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. (As needed)

ERG 211 AutoCAD I Credits: 3
The utilization of microcomputers 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. (Offered if sufficient demand)

ERG 214 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.

ESC 111 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

ESC 112 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

ESC 211 Statics Credits: 3
Statics of particles and rigid bodies, resultants of force systems, static equilibrium, friction, moments, and application to trusses. (Prerequisites: MATH 1910; Corequisite: PHYS 2110) F

ESC 212 Dynamics Credits: 3
Dynamics of particles and rigid bodies, kinematics, kinetics, Newton's laws, work and energy, and impulse and momentum. (Prerequisite: ESC 211) Sp

FREN 1010 Beginning French I Credits: 3
Elementary grammar, pronunciation, and conversation through textbooks supplemented by audio cassettes, filmstrips, computer programs, and videotapes. F

FREN 1020 Beginning French II Credits: 3
Continuation of Beginning French I. (Prerequisite: FREN 1010) Sp

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) F

FREN 2020 Intermediate French II Credits: 3
Continuation of Intermediate French I. (Prerequisite: FREN 2010) Sp

GEOG 1040 Geography of the Natural Environment I Credits: 4
A study of the processes which govern atmospheric activity and of the characteristics of world climatic patterns. Subjects of interest include storms, oceanic influences, climatic change, and analysis of weather maps. Special attention is given to human interaction with the climatic environment. (3 hours lecture, 3 hours laboratory) (as needed)

GEOG 1050 Geography of the Natural Environment II Credits: 4
An investigation of the earth as a system comprised of landforms, soils, vegetation, and animals, each interacting with climate to create a world pattern of environments of importance to humankind. (3 hours lecture, 3 hours laboratory) (as needed)

GEOG 1210 World 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

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. (as needed)

GEOG 2010 Physical Geography Credits: 3
A study of the global earth, the tools of the discipline, the atmosphere, the hydrosphere and the biosphere. (as needed)

GEOG 2030 Introduction to Economic Geography Credits: 3
A study of location and spatial organization of the world's major types of economics, including agriculture, energy and mineral production, manufacturing, transportation, trade, and services. (as needed)

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

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. (GEOL 1040 is strongly recommended as a prerequisite) (3 hours lecture, 3 hours laboratory) Sp

GERM 1010 German I Credits: 3
Essentials of German, developing and reading comprehensive, speaking and writing. F

GERM 1020 German II Credits: 3
Continuation of Beginning German I. (Prerequisite: GERM 1010) Sp

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) F

GERM 2020 Intermediate German II Credits: 3
Continuation of Intermediate German I. (Prerequisite: GERM 2010) Sp

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

GIS 105 Computer Cartography Credits: 3
An introduction to the properties, uses, symbology design and computer production of maps. Covers the use of maps, aerial photographs and satellite imaging in geographical analysis. F

GIS 110 Geographic Database Technology Credits: 3
Geographic Information Systems (GIS) need access to a great variety of data to be of any value for decision making. This introductory course will cover major aspects of capturing, manipulating, and using 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. Data used includes TIGER/Line, DLG/DEM, DWG and ASCII. Database software used includes FoxPro, Access, MapInfo, ArcView, Integraph, and Maptitude plus various conversion software. Sp

GIS 210 GPS and Digital Imagery Credits: 3
Using Global Positioning System (GPS) technology, this course will introduce topics of data capture (including scanning), 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 correcting map data as well as creating real-time maps with the use of laptop computers. F

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. S

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

GIS 230 GIS Project Management 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. Learning outcomes include gaining and enhancing the ability to effectively match data and task appropriately and to identify appropriate types and sources of information needed to solve a problem. (Prerequisites: GIS 101 and GIS 110). Sp

GIS 250 Seminar in Geographic Information Systems Credits: 1 to 4

Special topics in GIS. Check with your advisor for courses available each semester.

GIS 251 Seminar in Geographic Information Systems Credits: 1 to 4

Special topics in GIS. Check with your advisor for courses available each semester.

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

HEA 131 Elementary Nutrition Credits: 2

Applying principles of nutrition in the selection of food for health promotion and maintenance. F, Sp

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

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

HEA 223 Safety in the Workplace Credits: 1

This course will provide an overview of chemical, biological, physical and ergonomic stresses in the workplace. Hazard recognition, evaluation, and control are also presented. Employee rights to a safe workplace are discussed. (as needed)

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

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

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

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

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.) F, Sp, Su

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.) F, Sp, Su

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.) F

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.) Sp

HIST 2010 Survey of US 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. NOTE: HIST 2010 H, Honors is also offered which is a more in-depth study of these themes and is taught primarily as a discussion, rather than a lecture class. (Prerequisite: Consent of instructor) F, Sp, Su

HIST 2020 Survey of US History II Credits: 3

Continuation of History 2010. NOTE: HIST 2020 H, Honors is also offered which is a more in-depth study of these themes and is taught primarily as a discussion, rather than a lecture, class. (Prerequisite: Consent of instructor) F, Sp, Su

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. (as needed)

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. F, Sp

HIT 103 Coding and Classification Systems Credits: 3

An introduction to coding and classification systems used in health care. This course will focus on ICD-9-CM coding. Laboratory practice time devoted to ICD-9-CM coding. (Prerequisite: HIT 107; corequisite: BIOL 2010) (2 hours lecture, 3 hours laboratory/week) F

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. Sp

HIT 107 Medical Terminology Credits: 3

Green and Latin elements of medical terminology, stems, suffixes, prefixes and root words. Medical terminology pertaining to each body system. Open to all students. F, Sp, Su

HIT 109 Current Topics in Health Information Management Credits: 4

HIT109-Current Topics in Health Information Management
 . . . 4 Credits This course will consist of four modules; a two week module covering medical terminology; four week module covering fundamentals of health information management; and a four week module covering ICD-9-CM coding and a four week module covering CPT coding. It is designed for the student enrolled in the HIT Bridge option to assess current knowledge of HIM processes. 4 hours lecture/week

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 130, BIOL 2020) (45 hours clinical/semester) Sp

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. Sp

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. F

HIT 130 CPT Coding Credits: 3

An introduction to the Current Procedural Terminology (CPT) coding system, outpatient coding guidelines, reimbursement strategies, and clinical coding experience in area health facilities. S (Prerequisites: HIT 102, HIT 103; Corequisite: BIOL 2020) (2 hours lecture, 3 hours laboratory/week, 45 hours clinical/semester) Sp

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) Sp

HIT 217 Principles of Healthcare Administration/Quality Resource Management Credits: 4

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. F

HIT 221 Advanced Health Information Procedures Credits: 3

Study of advanced coding topics including chart, management of coding function, revenue cycle management and chargemaster is included. The course will also cover disease registries, professional organization activities and other health information topics as necessary. Sp

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, 2020) F

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) F

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) (135 hours clinical experience) Sp

HIT 242 Automated Health Information Systems Credits: 3

An introductory course dealing with principles of automated information systems. The flow of patient information from registration through the clinical care process and billing, to the end use of information in decision support systems will be explained. The importance of data accuracy, integrity and security will be emphasized. The current state of technology employed in healthcare to make the transition to a total computerized patient record will be discussed. Software packages currently utilized by health information departments will be explained and students will utilize application software packages, build databases, query systems and design reports. (2 hours lecture, 3 hours laboratory) Sp

HIT 251 Coding for Reimbursement Credits: 4
Advanced topics in ICD-9-CM coding focusing specifically on Official Coding Guidelines, sequencing skills and the use of ICD-9-CM in health care reimbursement. The prospective payment system theory and methodology will be the course focus. Ambulatory Patient Classifications will be introduced. Laboratory practice in coding and optimization techniques using actual medical records and a computerized grouper. (Prerequisites: HIT 103, 130; Corequisite: HIT 222) (3 hours lecture, 3 hours laboratory) F

HIT 252 Quality Resource Management Credits: 2
This course will emphasize current philosophy and methodology in conducting an effective utilization management and quality improvement program for a health care facility. Requirements of various governmental, third party payers, and accreditation bodies regarding appropriate utilization of resources and continuous quality improvement will be emphasized. F 2 hours lecture/week

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 service learning project.

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. F, Sp

IDT 110 Introduction to Interior Design Credits: 3
Introductory, practical experiences based on the elements and principles of interior design. Includes orientation to the profession, relationships to allied fields and philosophical approaches. F

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

JOUR 1110 Introduction to Mass Communication 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. F

JOUR 2010 Writing for Mass Media Credits: 3
Information gathering and writing under deadline for print and broadcast media, including news and promotional copy. Preparation of news advertising and persuasive text. Comparison of styles and organization techniques. Grammar, usage and style workshop. (Prerequisites: ENGL 1020 and typing proficiency or permission of instructor.) Sp

LAW 101 Introduction to the Legal Profession and Legal Ethics Credits: 3
Philosophy and history of law; legal decision making; the American judicial system; business organizations; civil procedure; role of legal assistants; and ethical and professional standards. F

LAW 102 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, etc. Sp

LAW 140 Legal Research Credits: 3
Legal bibliography including codes, administrative regulations, reporters, digests, encyclopedias, citators, law reviews, treatises and West law analysis and synthesis of cases. F, Sp

LAW 150 Legal Writing Credits: 3
Legal writing skills including precision and clarity, legal citation, and format; drafting of law office and trial memoranda, trial court brief, appellate brief, and abstracting depositions; analysis and synthesis of legal materials. (Prerequisite: LAW 140 or permission of the program director). F, Sp

LAW 160 Torts Credits: 3
Non-contractual obligations which an individual in society owes others according to common law and statute; emphasis on intentional acts violating legally protected interest. (Prerequisite: LAW 101 and LAW 102 or permission of the program director). F

LAW 170 Criminal Law Credits: 3
Substantive aspects of criminal law including general principles of criminal liability, specific analysis of particular crimes; substantive defenses to crime. (Prerequisites: LAW 101 and LAW 102 or permission of the program director) Sp

LAW 201 Domestic Relations Credits: 3
Laws, procedures, and documents involved in domestic relations; breach of promise to marry; marriage, annulment; divorce; adoption; child custody/support. (Prerequisite: LAW 101 and LAW 102 or permission of the program director) F

LAW 211 Business Organizations Credits: 3
Sole proprietorships, partnerships, corporations, and other business vehicles; formation of various types of business entities; preparations of appropriate documents. (Prerequisite: LAW 101 and LAW 102 or permission of the program director) (as needed)

LAW 215 Child Support Law Credits: 3
This course will give the student an overview of child support law in Tennessee with an emphasis placed upon the Tennessee Child Support Guidelines: child support establishment; child support enforcement; and Title IV-D offices. (Prerequisite: LAW 101 and LAW 102 or permission of the program director) (as needed)

LAW 221 Civil Trial and Appellate Practice I Credits: 3
Procedural law; preparation and use of pleadings and other documents involved in the trial and appeal of a civil action. (Prerequisite: LAW 101 and LAW 102 or permission of the program director) F

LAW 222 Civil Trial and Appellate Practice II Credits: 3

Procedural law; preparation and use of pleadings and other documents involved in the trial and appeal of a civil action. (Prerequisite: LAW 221) (as needed)

LAW 231 Estates and Trust I Credits: 3
Effects of various types of ownership upon passage of property at owner death, with or without a will; administration, taxation of estates and inheritances; basic requirements for trusts, wills, guardianships, and conservatorships; administration of a decedent's estate including income tax consequences; case analysis; preparation of necessary documents. (Prerequisite: LAW 101 and LAW 102 or permission of the program director) F

LAW 232 Estates and Trusts II Credits: 3
U.S. Estate Tax, Tennessee Inheritance Tax, U.S. Gift Tax provisions, estate planning, changes in asset ownership and tax advantages through removal of assets or fixation of values; problem solving activities. (Prerequisite: LAW 231 or permission of program director) (as needed)

LAW 235 Legal Environment for Business Credits: 3
Emphasis is placed on classification of laws, historical background of our systems of laws, duties, buying services, insurance, consumer protection, negotiable instruments, and business organization. (Prerequisite: LAW 101 and LAW 102 or permission of the program director) Sp

LAW 240 Legal Internship Credits: 3
Supervised activities in a law firm, agency, or corporate legal department as a paralegal. (Prerequisites: Sophomore standing and permission of the program director.) Su

LAW 241 Real Property Credits: 3
Freehold estates, concurrent ownership, leases, real estate contracts and deeds, recording system, title assurance, easements, lateral support, water rights, zoning, and eminent domain, practical aspects of conveyance from drafting of purchase and sale agreements to passing of papers; mechanics of title examining; preparation of documents for mortgages, foreclosures, recordings, and closing. (Prerequisite: LAW 101 and LAW 102 or permission of the program director) Sp

LAW 251 Public Benefits/Administrative Advocacy Credits: 3
Substantive law and procedures for public benefits applications and appeals from agency administrative decisions; includes Medicare, Medicaid, supplementary security income, OASDI, food stamps, structure of administrative agencies, administrative procedures and advocacy skills. (Prerequisite: LAW 101 and LAW 102 or permission of the program director) (as needed)

LAW 261 Creditor Rights and Bankruptcy Credits: 3
Bankruptcy procedure including initial filing, meetings of creditors, adversarial proceedings and the final discharge hearing; operation of the automatic stay; adequate protection; conformation of a Chapter 13 Plan; Chapter 7 and Chapter 11 proceedings; debtors obligations and rights; secured and unsecured creditors priorities, preferences, fraudulent transfers. (Prerequisite: LAW 101 and LAW 102 or permission of the program director) (as needed)

LAW 271 Investigations/Pretrial Advocate Credits: 3
Investigative techniques, interviewing skills, fact analysis, courses of evidence, records access, judgment collection, missing persons, background investigation, case planning, analysis and strategy. (Prerequisite: LAW 101 and LAW 102 or permission of the program director) (as needed)

LAW 275 Income Tax Credits: 3

Survey of federal income tax laws emphasizing preparation of returns for individuals, sole proprietorships, and partnerships. Overview of corporate tax law, administrative and judicial tribunals, jurisdiction, and tax controversies. (Prerequisite: LAW 101 and LAW 102 or permission of the program director) (as needed)

LAW 290 Special Topics in Paralegal Credits: 1 to 9

Independent studies in legal assisting. Students may take more than one independent or individualized study in a given discipline up to a maximum of nine credit hours (Prerequisite: LAW 101 and LAW 102 or permission of the program director) (as needed)

MAM 110 Mammographic Procedures Credits: 3
This course covers radiographic interventional procedures, anatomy, positioning, technique, quality control, and the Mammography Quality Standards Act. This course will prepare registered radiologic technologists to take the A.R.R.T. mammography registry. (8 week course) F

MAM 120 Mammography Pathology Credits: 1
This course will cover radiographic pathology and abnormalities of the breast. It is designed to enhance knowledge of registered mammographers as well as those seeking to take the A.R.R.T. mammography registry. (8 week course) Sp

MAS 100 Introduction to Therapeutic Massage Credits: 3
Students will practice a massage routine designed to enhance relaxation and stress reduction. Careful attention to sanitation, hygiene, client comfort, and modesty will be part of the course requirements. Equipment and creating an environment for relaxation will be briefly addressed. (1 hour lecture, 5 hours lab) F

MAS 105 East Asian Massage and Bodywork Credits: 2
Students will be introduced to several therapies based on meridian/acupoint theory (Tuina, Shitasu, Amma, Accupressure, etc.) and on movement and breath (Tai Chi, Yoga, Etc.) Meridian/occupoint theory is now covered in the National Certification Exam for Therapeutic Massage and Bodywork. (2 hours lecture, 1 hour lab) F

MAS 113 Massage Physiology Pathology and Pharmacy I Credits: 3
Students will learn basic anatomy and physiology of the major body systems. Within each body system this course will cover pathologies and medication 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. (This is a two semester course)

MAS 114 Massage Physiology Pathology and Pharmacy II Credits: 3
Students will learn basic anatomy and physiology of the major body systems. Within each body system this course will cover pathologies and medication 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. (This is a two semester course)

MAS 117 Ethics, Communication, and Professionalism Credits: 3

The importance of 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. Students will describe the components of a therapeutic environment, the importance of professional communication, scheduling, time management, and managing stressors and burnout. They will learn to write clear, concise and accurate clinical documentation. This course will cover Tennessee law as it relates to massage therapy and scope of practice for massage therapists. Each student will establish a clinical placement on their own for spring semester. F

MAS 118 **Massage Business and Legal Issues** 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. Coursework will include completing most elements in an application for a Tennessee Massage Therapist License and understanding the rules of the Tennessee Board of Massage regulating the practice of massage therapy. Su

MAS 119 **Public Outreach for Massage** Credits: 2
This course will cover chair massage, sports event massage, public speaking/professional relationships related to massage practices. To build clientele, massage and somatic therapists must reach the public with brief, effective and professional demonstrations and presentations. Many massage therapists volunteer at athletic events as public relations for their business. Many groups and organizations offer the opportunity for guest speakers to educate their members about new, unusual or highly beneficial topics such as somatic therapies. (2 hours lecture, 1 hour laboratory) F

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 hour lecture, 5 hours laboratory) F

MAS 121 **The Muscular System I** Credits: 2
Students will learn musculoskeletal anatomy, kinesiology, palpation and assessment of the major muscles in the body. Coursework will 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. (This is a two semester course) (1 hour lecture, 3 hours laboratory) F

MAS 122 **The Muscular System II** Credits: 2
Students will learn musculoskeletal anatomy, kinesiology, palpation and assessment of the major muscles in the body. Coursework will 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. (This is a two semester course) (1 hour lecture, 3 hours laboratory) Sp

MAS 123 **Overview of Somatic Therapies** Credits: 2
With hundreds of somatic therapy sub-specialties requiring advanced training, students need exposure to practitioners of as many of these as possible. When guest lecture/demonstration/lab presenters who practice an important sub-specialty are not available, the text will be used. (2 hour lecture, 1 hour laboratory) Sp

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. F

MAS 130 **Neuromuscular Therapy** Credits: 4
Neuromuscular therapy is 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 hours lecture, 6 hours laboratory) Sp

MAS 135 **Massage for Special Population** Credits: 2
Infant, pregnancy, and geriatric massage are the main focus of this course. Other populations related to student interests and instructor expertise may be addressed also. (2 hours lecture, 1 hour laboratory) F

MAS 152 **Clinical Massage Practice** Credits: 2
Students must document at least 60 hours of massage practice and attend at least two seminar sessions. The experiential learning activities of recruiting clients and arranging at least one outside setting for giving massage sessions may be completed prior to the course starting. (60 hours clinical) Su

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

MATH 1010 **Selected Topics** Credits: 3
A three-credit hour review of algebraic concepts necessary for MATH 1130 or specific certificate programs. MATH 1010 provides a bridge for students who have completed the necessary high school or entrance examination requirements for MATH 1130 but show a deficiency in basic algebraic skills. This course does not fulfill the General Education core requirements for graduation or transfer. Will be offered as an express class preceding the beginning of the semester, or as needed during the semester. F, Sp

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 developmental mathematics courses) This course does not meet math requirement for AS/AA degree, nor does it carry transfer credit. F, Sp

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 or appropriate developmental mathematics courses) F, Sp 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 or appropriate developmental math.) F, Sp

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

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 scientific calculator is required. (Prerequisites: Two years of high school algebra and one year of geometry or appropriate developmental mathematics courses) F, Sp, Su

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 22 or above OR appropriate developmental mathematics and MATH 1130). F, Sp

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 developmental mathematics and MATH 1130) F

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 22 or higher on the math component of the ACT, OR appropriate RSCC courses, e.g. developmental 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

MATH 1830 Basic Calculus 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

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, OR MATH 1730) F, Sp

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

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

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

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

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

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 coordinate geometry and parametric equations, 3-D analytical geometry vectors and vector calculus. (Prerequisite: MATH 1920) F

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

MDT 102 Medical Terminology 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. F

MDT 103 Anatomy Concepts in Medical Transcription Credits: 2
A study of basic anatomy and physiology of all body systems. F

MDT 104 Beginning Medical Transcription Credits: 6
Transcription practice of basic healthcare dictation incorporating skills in English language, technology, medical knowledge, proofreading, editing and research, while meeting progressively demanding accuracy standards. (Prerequisites: OAD 100, OAD 101 or instructor's permission) (18 hours laboratory/week) F

MDT 105 Medical Transcription Procedures Credits: 2
Emphasis is placed on healthcare documentation standards according to the AAMT Book of Style for Medical Transcription. A general overview of fundamental grammar concepts, capitalization, and punctuation usage relative to clinical documentation is provided. Course also includes an introduction to medicolegal issues and regulatory agency requirements as they relate to the practice of medical transcription. F

MDT 110 Technology Concepts in Medical Transcription I Credits: 2
A study of computer applications related to the practice of medical transcription to include word processing functions that will enhance productivity. Practice with typing tutorial software to increase speed and accuracy. (Prerequisites: OAD 100, OAD 101 or instructor's permission) F

MDT 111 Advanced Medical Transcription Credits: 6
Transcription of intermediate and advanced original healthcare dictation using advanced proofreading, editing, and research skills, while meeting progressively demanding accuracy and productivity standards. (18 hours laboratory/week) Sp

MDT 112 Clinical Practicum Credits: 3
Transcription practice of authentic physician dictation provided by a medical facility or transcription service. (16 hours clinical/week) Sp

MDT 118 Technology Concepts in Medical Transcription 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. Sp

MDT 120 Advanced Medical Terminology Credits: 2
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.

MDT 125 Pharmacology Concepts in Medical Transcription Credits: 2

A study of the language of pharmacology including the correct spelling, pronunciation, classification and therapeutic use of commonly prescribed drugs. Sp

MGT 100 Portfolio Assessment Credits: 1
This course is an introduction to prior learning assessment and the standards used to evaluate prior learning through portfolio preparation. Patterns of learning in personal, professional, and former education experiences will be identified for the creation of a portfolio. Creating a portfolio of documentation that will include types of training, work experiences, principles and practices of these experiences, examples of work, influential works and people, and summary will be components of the course. Course availability determined by Dean of Business and Technology.

MGT 150 Introduction to Hospitality I Credits: 3
This course is an introduction to the hospitality industry, with emphasis on the broad spectrum of hospitality organizations and career opportunities. Course availability determined by Dean of Business and Technology.

MGT 160 Introduction to Hospitality II Credits: 3
This course is an in-depth introduction to hospitality management with an emphasis on the functions of the hospitality manager. It includes the historical and future perspectives of the hospitality industry. Course availability determined by Dean of Business and Technology.

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. Students may not receive credit for both MGT 200 and BUS 101. F

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. Students may not receive credit for both MGT 201 and BUS 281. F

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

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. Students may not receive credit for both MGT 205 and BUS 273. Sp

MGT 206 Applied Economics Credits: 4
This course covers the foundations of economics-supply and demand and demand theory as well as features and goals of capitalism market systems, national income determinations, and monetary fiscal policy. Sp

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

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.

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.

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.

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.

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.

MRI 111 Introduction to MRI Credits: 4
This course is designed to provide students with a thorough basic understanding of magnetic resonance imaging theory and principles of operation. Students gain understanding of current MRI system components, hardware pulse parameters, and clinical significants.

MSAF 1010 The Air Force Today I Credits: 1
This is a survey course that focuses on the organizational structure and missions of the Air Force; officership and professionalism, and includes an introduction to communicative skills. A weekly leadership laboratory consisting of Air Force customs and courtesies, health and physical fitness, and drill and ceremonies is mandatory. (Prerequisite: Permission from ROTC program at the University of Tennessee, Knoxville. Corequisite: MSAF 1030). Course availability determined by host institution.

MSAF 1020 The Air Force Today II Credits: 1
This course is a continuation of MSAF 1010 that focuses on the organizational structure and missions of the Air Force; officership and professionalism, and includes an introduction to communicative skills. A weekly leadership laboratory consisting of Air Force customs and courtesies, health and physical fitness, and drill and ceremonies is mandatory. (Prerequisite: Permission from ROTC program at the University of Tennessee, Knoxville. Corequisite: MSAF 1040). Course availability determined by host institution.

MSAF 1030 Leadership Laboratory I Credits: 1
Leadership Laboratory includes a study of Air Force customs and courtesies, drills and ceremonies, and giving military commands; instructing, correcting, and evaluating the preceding skills; studying the environment of an Air Force officer; and learning about opportunities available to commissioned officers. (Prerequisite: Permission from ROTC program at the University of Tennessee, Knoxville. Corequisite: MSAF 1020). Course availability determined by host institution.

MSAF 1040 Leadership laboratory II Credits: 1
Leadership Laboratory includes a study of Air Force customs and courtesies, drills and ceremonies, and giving military commands; instructing, correcting, and evaluating the preceding skills; studying the environment of an Air Force officer; and learning about opportunities available to commissioned officers. On Demand. (Prerequisite: Permission from ROTC program at the University of Tennessee, Knoxville. Corequisite: MSAF 1020). Course availability determined by host institution.

MSAF 2010 Development of Air Power I Credits: 1
This course focuses on factors contributing to the development of air power from its earliest beginnings through two world wars; the evolution of air power concepts and doctrine; and an assessment of communicative skills. A weekly leadership laboratory consisting of Air Force customs and courtesies. Air Force environment, drill and ceremonies, and field training orientation is mandatory. (Prerequisite: Permission from ROTC program at the University of Tennessee, Knoxville. Corequisite: MSAF 2030). Course availability determined by host institution.

MSAF 2020 Development of Air Power II Credits: 1
This course is a continuation of MSAF 2010 that focuses on factors contributing to the development of air power from its earliest beginnings through two world wars; the evolution of air power concepts and doctrine; and an assessment of communicative skills. A weekly leadership laboratory consisting of Air Force customs and courtesies. Air Force environment, drill and ceremonies, and field training orientation is mandatory. (Prerequisite: Permission from ROTC program at the University of Tennessee, Knoxville. Corequisite: MSAF 2040). Course availability determined by host institution.

MSAF 2030 Leadership Laboratory III Credits: 1
Leadership Laboratory includes a study of Air Force customs and courtesies, drills and ceremonies, and giving military commands; instructing, correcting, and evaluating the preceding skills; studying the environment of an Air Force officer; and learning about opportunities available to commissioned officers. (Prerequisite: Permission from ROTC program at the University of Tennessee, Knoxville. Corequisite: MSAF 2010). Course availability determined by host institution.

MSAF 2040 Leadership Laboratory IV Credits: 1

Leadership Laboratory includes a study of Air Force customs and courtesies, drills and ceremonies, and giving military commands; instructing, correcting, and evaluating the preceding skills; studying the environment of an Air Force officer; and learning about opportunities available to commissioned officers. (Prerequisite: Permission from ROTC program at the University of Tennessee, Knoxville. Corequisite: MSAF 2020). Course availability determined by host institution.

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.

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.

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. Maximum 4. Course availability determined by host institution.

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.

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.

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.

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) F, Sp, Su

MSC 261 Southwest Field Trip Credits: 3
The Southwest Field Trip is a multidisciplinary and humanistic study (including contributions from anthropology, archeology, astronomy, biology, geography, geology, history, and literature) 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. Sp

MSC 262 Southwest Field Trip Credits: 3
The Southwest Field Trip is a multidisciplinary and humanistic study (including contributions from anthropology, archeology, astronomy, biology, geography, geology, history, and literature) 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. Sp

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

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

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

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

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

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

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. F, Sp

MUS 105 Accompanying Credits: 1
Accompany voice lessons, ensembles, and recitals in order to learn the fundamentals of accompanying. Two voice students assigned per semester hour. Admittance by audition. F, Sp

MUS 106 Accompanying Credits: 2

Students with acceptable piano proficiency accompany voice lessons, ensembles, and/or recitals. Two voice students assigned per credit hour. Admittance by audition. May be repeated for credit. (Students enrolled in MUS 105 or MUS 106 are eligible for scholarship awards.) F, Sp

MUS 108 Contemporary Guitar Class Credits: 1
Group instruction in basic skills of guitar, focusing on contemporary and folk music. Class meets twice weekly. F, Sp

MUS 110 Music Theory I Credits: 2
A study of notation, tonality, intervals, triads, seventh chords and chord progressions leading to a fundamental understanding of harmony in 18th century music. (Prerequisite: Knowledge of music fundamentals.) F

MUS 111 Ear Training I Credits: 1
Development and proficiency in identifying intervals, scales, and triads aurally. Ability to vocalize and notate basic melodies, harmonies and rhythms. Should be taken concurrently with MUS 110, Music Theory I. F

MUS 112 Roane State Concert Choir Credits: 1
Performs a variety of music, from pop to major choral works and selections from standard choral literature. Meets three hours per week. May be repeated for credit. Open to all students. F, Sp

MUS 113 Celebration Credits: 1
A contemporary show choir. Meets four hours per week and begins one week prior to the beginning of fall semester. Students accepted into Celebration are expected to participate in the class both fall and spring semester of the academic year. May be repeated for credit. Admission by audition only (Auditions are held each spring for the following year.) F, Sp

MUS 114 Celebration Choreography Credits: 1
Meets two hours per week and begins one week prior to the beginning of fall semester. Students accepted into Celebration are expected to participate in the class both fall and spring semesters of the academic year. F, Sp

MUS 115 Small Instrument Ensembles Credits: 1
String, brass, and woodwind ensembles will rehearse three hours per week and perform three times during a semester. Classical literature for standard instrumentations will be emphasized. Rehearsal times arranged according to students' schedules. Assignment of groups to be determined by instructor. F, Sp

MUS 116 Concert Band Credits: 1
Performs traditional and contemporary wind ensemble literature. Open to all qualified students. Meets three hours per week. Open to all students who play band instruments. F, Sp

MUS 117 Jazz Band Credits: 1
Performs arrangements for jazz in contemporary and jazz-rock styles. Performances regularly scheduled off-campus, as well as for student body. Meets two hours per week. No audition is required. May be repeated for credit. F, Sp

MUS 118 Gospel Choir Credits: 1
Perform traditional and contemporary gospel music designed for students who enjoy singing gospel music. Emphasis is placed upon public performances. Meets three hours per week. May be repeated for credit. Open to all students. F

MUS 119 Women's Choir Credits: 1

Vocal ensemble consisting of female students. Performs a variety of choral literature specifically designed for the female voice. Ensemble will perform a minimum of three times per semester. May be repeated for credit but not to replace a failing grade. Meets on the Oak Ridge campus. F

MUS 120 Music Theory II Credits: 2
This course includes the study of standard vocabulary of harmony, part writing, form and analysis of common practice music. Must be taken in sequence. (Prerequisites: MUS 110; MUS 111) Sp

MUS 123 Ear Training II Credits: 1
This course covers development of proficiency in identifying and notating melodic, harmonic and rhythmic dictation. Must be taken in sequence. Should be taken concurrently with MUS 120. (Prerequisites: MUS 110; MUS 111) Sp

MUS 126 Vocal Survey Credits: 1
Addresses issues related to the study of vocal music in a lecture, class discussion and performance format. Subjects of study include an introduction to vocal anatomy, diction (International Phonetic Alphabet), voice classification, voice literature, textual and musical interpretation, performance etiquette, stylistic appropriateness and career opportunities. (This course is intended for music majors with voice as a principle instrument. Students should complete two semesters total whether planning to continue in performance or education.) F, Sp

MUS 131 Pop Music in America Credits: 3
A survey of American music representative of the present day scene, focusing on the evolution of rock music. Open to all students. F, Sp

MUS 132 Stage Production Band Credits: 2
This course concentrates on reading written music of several different styles - pop, jazz, rock, Broadway and classical. Students may work with RSCC musical productions produced through the music or music theatre departments. Instrumentation will vary each semester, but all instrumentalists are welcome including strings, brass, reeds, rhythm section, etc. (Prerequisite: music reading skills on one's particular instrument) (This course is intended for instrumental students with a strong reading background whether from a high school concert, marching, jazz band, or private study. Offered for students looking to fulfill the ensemble requirement for music majors or anyone wanting to improve their reading and performing skills.) F, Sp

MUS 140 Fundamentals of Music Credits: 3
A beginning study of music, its terminology, and its elements such as notes, scales, intervals, keys, triads, meter and smaller forms. Designed to acquaint the student with notation, the keyboard, sight singing, and ear training. Open to all students. F, Sp

MUS 170 Guitar 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. F, Sp

MUS 171 Guitar Credits: 2
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. F, Sp

MUS 180 Piano 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. F, Sp

MUS 181 Piano Credits: 2

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. F, Sp

MUS 182 Organ 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. F, Sp

MUS 183 Organ Credits: 2
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. F, Sp

MUS 190 Voice 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. F, Sp

MUS 191 Voice Credits: 2
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. F, Sp

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. F, Sp

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. F, Sp

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. F, Sp

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. F, Sp

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. F, Sp

MUS 210 Music Theory III Credits: 2
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

MUS 213 Introduction to Digital Music Credits: 3
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

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

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

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

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

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. (Offered only in alternate Fall semesters) F

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. F

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) Sp

MUS 250 Choral Conducting Credits: 3
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. Sp

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

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

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

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

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

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

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

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

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. F, Sp

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. F, Sp

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. F, Sp

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. F, Sp

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. (Prerequisites or corequisites: BIOL 2010; corequisite: NSG 118) (6 hours theory, 6 hours clinical, 6 hours laboratory) F

NSG 107 Care of the Childbearing Family Credits: 3
Students will continue to apply the nursing process to care of the child-bearing family. Content areas include family planning; conception & fetal development; pregnancy; fetal assessment; labor & delivery; postpartum care; care of the newborn; maternal-infant nutrition; and care of the high-risk child-bearing family. (Prerequisites: BIOL 2010, NSG 105, and NSG 118; Corequisites: BIOL 2020, NSG 109) (2.6 hours theory, 6 hours clinical for 1/2 semester) Sp

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 electrolytes; orthopedic, EENT, oncologic and hematologic disorders; dysfunctions of the integumentary and reproductive systems. (Prerequisites or corequisites for LPNs: NSG 105 and NSG 118; Corequisites BIOL 2020 and NSG 107) (3 hours theory, 6 hours clinical, 6 hours laboratory for 1/2 semester) Sp

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

NSG 126 Pharmacology in Nursing Credits: 3
Includes all content in NSG 118. Prerequisites: BIOL 2010, Corequisites BIOL 2020, NSG 107, NSG 109. Sp:

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 includes the care of clients with cardiovascular, respiratory, renal, neurologic, endocrine, and gastrointestinal system dysfunctions. (Prerequisites: BIOL 2010, 2020, 2230, NSG 109) (6 hours theory, 12 hours clinical) F

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. (Prerequisites: NSG 210) (3 hours theory, 6 hours clinical for 1/2 semester) Sp

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, client and organizational management, and contemporary issues in nursing and health care. Clinical experiences focus on refinement of advanced nursing skills and delegation. (Prerequisite: NSG 210) (1.7 class hours/week, 60 hours clinical/semester) Sp

NURS 1030 Fundamentals of Nursing I Credits: 3

This course introduces the philosophy and central competencies of the Associate of Applied Science in Nursing. The central competencies flow from the philosophy and organizational framework and are the basis for theory skills, and clinical experiences. The focus is on nursing as a discipline; the nursing process; the person as a psychosocial spiritual, cultural being; health promotion; environmental safety; and communication.>BR<>BR< Pre-requisite: admission to nursing major or permission of department.

NURS 1040 Fundamentals of Nursing II Credits: 3
This course is a continuation of Fundamentals I, which builds on the central competencies of the nursing program. The student is introduced to essential life functions including: protective, comfort/rest, activity/mobility; nutrition, elimination, fluid/gas transport. The focus is on nursing, the nursing process with emphasis on assessment, the client with normal or variations of normal functions, health promotion, environment, and communication. Basic management principles are introduced to assist the student to organize client care.>BR<>BR< Pre-requisite: admission to nursing major or permission of department>BR<>BR< Co-requisite: Nurs 1041

NURS 1041 Fundamentals of Nursing II Cln Credits: 2
This clinical course is an extension of Fundamentals I & Fundamentals II, which continues to build on the central competencies of the nursing program. The focus remains on nursing, the nursing process with emphasis on assessment, the client with normal variations of normal life functions, health promotion, environment, and communication in a variety of clinical settings. Basic management principles are applied to client care. Pre-requisite: admission to nursing major or permission of department Co-requisite: Nurs 1040

OAD 100 Keyboarding Credits: 1
A software-based computer course designed for individuals with no prior keyboarding experience; develops touch mastery needed for information input; emphasis is on speed and accuracy. (A speed of 25 words a minute is required. Note: This course will not be accepted as part of the Office Administration degree) F, Sp

OAD 101 Keyboarding and Formatting Credits: 3
Students will develop proper techniques of touch keyboarding and will be introduced to basic formatting techniques using MSWord software. Speed, accuracy and control are emphasized in developing touch mastery for alphabetic, numeric and symbol information input. F, Sp

OAD 102 MS Word Document Processing Credits: 3
This course covers the principles and techniques of document processing using MSWord software. Emphasis is placed upon planning and organizing a range of business communications and upon meeting production standards essential to the operation of modern offices. (Prerequisite: OAD 101) F, Sp

OAD 105 Business Communications Credits: 2
This course focuses on the fundamentals of English-parts of speech, word usage, punctuation, capitalization, abbreviations, numbers, spelling, proofreading, editing, and the mechanics of writing. The class also focuses on listening, business vocabulary, commonly used business words and word combinations. The impact of language in the business world and executives' choice of words and sentences in business communications are emphasized. F, S

OAD 201 Administrative Office Management Credits: 3
This course is an integration of theory and practical applications of administrative support systems and procedures for the office professional in making contributions to the managerial functions of the electronic office. F, S

OAD 203 Business Writing 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 corequisites: ENGL 1010 or OAD 105). F, S

OAD 204 Information and Document Control Credits: 3
This course covers the flow of paper and electronic documents through the information processing cycle, from creation to distribution, retention and destruction. The Internet and MSWord will be used for gathering information and creating documents. MSAccess will be used for records management projects. Study will include records inventory, retention and destruction schedules, security tactics and disaster recovery plans. (Prerequisite: OAD 101). F, S

OAD 205 Integrated MS Office Applications Credits: 3
Microsoft Office software is used to emphasize productivity and mastery of integrating the applications in the MS Office Suite (Word, Excel, PowerPoint, and Access). Desktop publishing, desktop information management, and basic web design are included along with voice and handwriting input. Simulated office situations and a variety of activities are used. (Prerequisite: OAD 102). F, S

OAD 211 Seminar in Office Administration Credits: 1 to 3
An updating or analysis of a particular topic, concern, or problem in office administration. May include courses in preparation for the CPS exam and/or recertification.

OAD 250 Work Experience (Office Central) Credits: 3
Practical office skills are learned through serving in each of the positions in the model office under the supervision of the instructor. Projects from the college staff as well as local small businesses will be completed for actual work experience. (Prerequisite: OAD 101). F, S

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. (4 hours lecture, 3 hours clinic)

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 hours lecture, 3 hours clinic)

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 hours lecture, 3 hours laboratory)

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. (Prerequisite: MATH 1130) (Combination lecture/lab)

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 hours lecture, 3 hours laboratory)

OPT 140 Practicum Credits: 1
Supervised fieldwork in a retail dispensary under a licensed optician, optometrist, or ophthalmologist. (320 total hours)

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.

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. (4 hours lecture, 3 hours clinic)

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. (4 hours lecture, 3 hours laboratory)

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. (4 hours lecture, 3 hours laboratory)

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. (4 hours lecture, 3 hours clinic)

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 hours lecture, 3 hours laboratory)

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 hours lecture, 3 hours laboratory)

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. F

OTA 104 Rehabilitation Communication Credits: 2
This course includes information on written and oral communication used by rehabilitation professionals. Course content will include a study of medical terminology, abbreviations, patient medical records, patient documentation, and identifying professional literature reviews that reflect best practices in occupational therapy. Emphasis will be placed on practical use of medical terminology, functional medical documentation and professional communication. (Prerequisite: ENGL1010) F, Sp

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 hours lecture, 3 hours laboratory) F

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 hours lecture, 3 hours laboratory) Sp

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 hours lecture, 40 hours clinical fieldwork) Sp

OTA 117 Neurological Theory and Treatment Credits: 4
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. (3 hours lecture, 3 hours laboratory) Sp

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.

OTA 209 Theory and Treatment of PAMs Credits: 3
This course will familiarize students with commonly used electrical stimulation, thermal and mechanical agents. The student will learn theory and application as well as how to integrate these PAMs into occupational therapy intervention plans. Use of PAMs as an adjunct to therapy or in preparation for purposeful activity will be addressed. (This is an OTA elective course and does not count toward degree requirements.) (3 hours lecture/lab combination) F, Sp

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 hours lecture, 3 hours laboratory) F

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. F

OTA 213 Clinical Application of Electrical and Thermal Modalities Credits: 1
Supervised clinical application of various physical agent modalities in approved setting. Minimum of 15 patient treatments. (This is an OTA elective course and does not count toward degree requirements.) (Prerequisite or corequisite: OTA 209) F, Sp

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 hours lecture, 3 hours laboratory) F

OTA 217 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. F
15 hours lecture--40 hours clinical fieldwork

OTA 221 Level II Fldwrk - Placement 1 Credits: 6
Supervised fieldwork in an approved mental health, community, educational, early intervention, work hardening, or other appropriate setting. Spring or summer, 8 weeks, full time. (Prerequisite: All required coursework must be completed.) Sp or Su 320 total hours

OTA 226 Level II Fieldwork - Placement 2 Credits: 6

Supervised fieldwork in an approved medically based setting. (Prerequisite: all required coursework must be completed.) Spring, eight weeks, full time. 320 total hours

PHAR 1010 Introduction to Pharmacy Practice Credits: 3
An overview of pharmacy practice as it relates to pharmacy technicians. Highlights of the course include: history of pharmacy, pharmacy operations and processes in both acute care and community pharmacy, reading, interpreting and filling prescriptions and the differences in the role of pharmacist and technician. Field trips to different places of pharmacy practice are also included. F

PHAR 1020 Anatomy for Pharmacy Technician Credits: 2
This is a web course that gives a basic and broad overview of human anatomy and physiology in eight body systems. Exposure to medical terminology in the pharmacy setting as it relates to those systems and medications to treat common conditions is also provided. F

PHAR 1030 Pharmacology and Therapeutics Credits: 4
This course introduces the student to the 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 treatment of diseases of the nervous, GI, urinary, cardiovascular, psychiatric and endocrine systems. F

PHAR 1050 Pharmacy Calculations Credits: 3
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. F

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. Sp

PHAR 1120 Basics of Pharmacy I Credits: 3
This course will give the student an introduction to pharmacy abbreviations, prescription transcription, dosage forms, various routes of administration, storage requirements for specific drugs and introduction of narcotic drug schedules. Computer software is provided to enable the student to experience prescription order entry. Brand generic names are emphasized of the top 200 drugs. (2 hours lecture, 2 hours lab) F

PHAR 1130 Basics of Pharmacy II Credits: 3
This course will discuss the fundamentals of the preparation of sterile fluids as well as how to handle these in a sterile manner. Introduction of compounding techniques is also discussed. Inventory management, blood glucose monitoring and advanced prescription interpretation are also included. (2 hours lecture, 2 hours lab) Sp

PHAR 1210 Pharmacy Practice I Credits: 4

This is a clinical rotation which provides the student practical hands on experience. The student will work under the direct supervision of a licensed pharmacist in a hospital and or a health care center. Enrollment is at the discretion of the Program Director. (144 contact hours) Sp

PHAR 1220 Pharmacy Practice II Credits: 4
This is a clinical rotation which provides the student with practical experience in a retail setting. The student will work under the direct supervision of a licensed pharmacist in area retail establishments. Enrollment is at the discretion of the Program Director. (144 contact hours) Sp

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.

PHED 1060 Judo I Credits: 1
This course is a U.S. Judo Association accredited class that covers the requirements for one belt (kyu) certification and advancement. You will learn the throws, techniques of control, immobilizations on the ground, bending and locking joints, and the language of the art forms used in the course. (as needed)

PHED 1070 Judo II Credits: 1
This course will demonstrate the techniques and movements utilized in Judo, an ancient, nonviolent, defensive martial art. The course will also explore the underlying philosophy and terminology of Judo. (as needed)

PHED 1080 Jujitsu 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. (as needed)

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. Instructor Approval

PHED 1100 Fitness Walking Credits: 1
Proper techniques for walking for fitness. Emphasis on health benefits of walking. F, Sp

PHED 1120 Slimnastic Credits: 1
For those interested in losing body fat and improving physical fitness. (as needed)

PHED 1130 Aerobics Credits: 1
A continuation of slimnastics, emphasizing cardiorespiratory endurance and changes in the body composition. (as needed)

PHED 1170 Basketball Credits: 1
Practice of fundamentals as well as the various types of play. (as needed)

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

PHED 1210 Golf Credits: 1

Acquaintance of the beginning player with correct swing, selection and use of the various clubs, and fundamentals. (as needed)

PHED 1300 Weight Training Credits: 1
An introduction to the proper techniques and practices of weight training. F, Sp

PHED 1310 Marksmanship Firearms Safety Credits: 1
Training in safe and efficient use of small bore rifles for pleasure. Shooting practice with .22 caliber rifles. Emphasis on safety to protect all students involved. (as needed)

PHED 1320 Racquetball Credits: 1
Instruction and practice in racquetball fundamentals. A fee will be charged for facility use. (as needed)

PHED 1330 Softball Credits: 1
Instruction and practice in the fundamentals of catching, batting, and backing up other positions. Rules and strategies. (as needed)

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. (as needed)

PHED 1350 Volleyball Credits: 1
Fundamentals, rules, and strategy of play. (as needed)

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

PHED 1390 Fitness for Living II Credits: 1
A continuation of PHED 1380 (Prerequisite: PHED 1380) F, Sp, Su

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. F, Sp, Su

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. F, Sp, Su

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

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

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. (as needed)

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

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. (Prerequisite: P.E. Fitness Walking or permission of instructor) (as needed)

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.

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. (as needed)

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. (as needed)

PHED 2550 Rowing Credits: 1
Fundamentals of rowing, including proper technique, safety, physical fitness, terminology, and recreational aspects of rowing. (as needed)

PHIL 1030 Introduction to Philosophy Credits: 3
A study of problems that confront humans as they deal with knowledge and the nature of the world and their interaction with it. F, Sp

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. Sp

PHIL 121 Elementary Ethics Credits: 3
Critical analysis of the principal ethical theories and their application to the problem of life. F

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. F, Sp

PHIL 201 Introduction to Religions of the World Credits: 3
Introduction to the study of religion through selected historical traditions, East and West. F, Sp

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. F, Sp

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

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

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

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

POL 101 United States Government and Politics 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

POL 102 Introduction to Political Science Credits: 3
An introduction to the analysis of politics and of political systems and political ideologies in various countries. NOTE: POL 102 H, Honors is an enriched introduction to Political Science with extra readings, less lecture and more discussion. (Prerequisite: Consent of instructor) Sp

PSG 101 Polysomnography I Credits: 4
This course covers the International 10-20 System, application of sensors used in polysomnograms (sleep studies), calibration and functioning of polysomnographic equipment, and procedures used in performing sleep studies. (3 hours lecture, 3 hours laboratory)

PSG 104 Sleep Disorders Diagnosis and Treatments Credits: 4
This course covers sleep history; diagnosis and treatment of sleep disorders; cardiac, neuroanatomy, neurophysiology and respiratory functioning during sleep; and medical guidelines for polysomnography.

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. (Combination lecture lab, 3 hours 24 minutes)

PSG 111 Polysomnography II Credits: 4

This course covers troubleshoot equipment malfunctions, CPAP titration, EEG abnormalities, artifact elimination, conducting the all-night polysomnogram, MSLT/MWT studies, electrical safety, ancillary equipment and maintenance of polysomnographic equipment. (3 hours lecture, 3 hours laboratory)

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 hours lecture, 3 hours lab)

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)

PSG 125 Clinical II Credits: 5
Continuation of Clinical I. (240 total clinical hours)

PSY 110 General Psychology Credits: 3
A survey course dealing with the scientific analysis of human behavior and mental processes. NOTE: PSY 110, Honors General Psychology, is an enriched introduction to psychology with extra readings, less lecture, and more discussion. (Prerequisite: Consent of instructor) F, Sp, Su

PSY 205 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. (as needed)

PSY 210 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

PSY 213 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: PSY 110) F, Sp

PSY 220 Developmental 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

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 hours lecture--3 hours laboratory) F

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 hours lecture, 6 hours laboratory) F

PTA 151 Therapeutic Modalities Credits: 5
The general principles of treatment, indications, contraindications, physiological affects of superficial heat and cold, massage, phototherapy, hydrotherapy, deep heat modalities, mechanical traction, intermittent compression and electrotherapy are discussed and practiced. (3 hours lecture, 6 hours laboratory) F

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 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 treatments skills will be introduced and developed in the areas of cardiac & pulmonary rehabilitation, wound and burn management. Sp

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. (3 hours lecture, 6 hours laboratory) Sp

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 hours lecture, 6 hours laboratory) Sp

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. Investigation and integration of personal and professional attitudes and behaviors are pursued in selected areas. The role of the PTA beyond patient care is discussed. 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). As an assistant to the Fitness Lab instructor and the PTA faculty, the student will develop his/her skill as a PTA in the areas of wellness and prevention. The last four Fridays of the semester, the student will participate in an integrated clinical affiliation. (1.5 hours lecture, 32 hours clinic) F

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, management/employee relations, and sexual harassment will be presented. Fiscal management and reimbursement issues are introduced and discussed. The student will learn how to develop and present an inservice. 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: 1) development of comprehensive patient care with mock clinic assignments (supervised practice sessions), 2) development of his/her skills as a PTA in the areas of wellness and prevention by assisting in the fitness lab, 3) participation in an integrated clinical affiliation during the last four Fridays of the semester. (1.5 hour lecture, 32 hours clinic) Sp

PTA 244 Seminar Credits: 1
This concentrated course completes the transition from student to physical therapist assistant. Case studies and treatment cards prepared by the students during their summer clinicals are presented and discussed. A resource project is orally presented and a written copy collected. Additional attention to cultural diversity and ethical issues is provided. Students are responsible for taking at least one national board prep test prior to attending this class. Final preparations are completed to allow students to take their national board exam. Upon passing this exam they will qualify to be licensed as a PTA in Tennessee. (8 hours in class discussion, 7 hours independent preparation) Su

PTA 256 Clinical Education I Credits: 5
Supervised patient care and clinical observation for the final semester PTA student. (240 hours clinic) Su

PTA 257 Clinical Education II Credits: 5
Supervised patient care and clinical observation for the final semester PTA student. (240 hours clinic) Su

RDT 102 Introduction to Radiology Technology Credits: 4
Orientation to the profession, the radiology department, and the hospital. Major areas of study include: basic radiation protection, darkroom management, body mechanics, fire and electrical safety, medical ethics, patient care, and medical terminology. F

RDT 103 Image Analysis I Credits: 2
Evaluation of the image for positioning and technical quality. Identification of pertinent anatomical structures. Areas of study include: chest, abdomen, and contrast studies. F

RDT 106 Clinical Education I Credits: 2
Practical application in the radiology department. Skills include application of technical factors, radiographic positioning, patient interaction, and professional behavior. Students must demonstrate competence by performing radiologic examinations unassisted. (16 hours clinical experience per week) F

RDT 107 Clinical Education II Credits: 2
Continuation of Clinical Education I. (16 hours clinical experience per week) Sp

RDT 108 Clinical Education III Credits: 1
Continuation of Clinical Education II. (Prerequisites BIO 2010, 2020) (16 hours clinical experience per week) Su

RDT 110 Image Analysis II Credits: 2
Continuation of Image Analysis I. Areas of study include: upper and lower extremities, hip, pelvis, bony thorax, and vertebral column. Sp

RDT 113 Radiographic Procedures I Credits: 4
Basic principles of radiographic terminology and positioning for routine and contrast procedures. Study areas include: chest, abdomen, hand and wrist, digestive biliary and urinary systems. (3 hours lecture, 2 hours laboratory) F

RDT 114 Radiographic Procedures II Credits: 4
Continuation of Radiographic Procedures I. New areas of study include upper and lower limbs, shoulder girdle, hip/pelvis, bony thorax and vertebral column. (3 hours lecture, 2 hours laboratory) Sp

RDT 122 Exposure Technique Credits: 4
An analysis of the technical factors that influence film quality. Sp

RDT 130 Imaging Acquisition and Quality Control Credits: 2
A study of silver image formation, principles of digital image formation and automatic processing, and radiographic quality control tools and procedures. (Prerequisites: BIO 2010, 2020) (4 hours lecture for 8 weeks) Su

RDT 203 Image Analysis III Credits: 1
Continuation of Image Analysis II. Area of study: headwork. (Prerequisites: BIO 2010, 2020) Su

RDT 206 Clinical Education IV Credits: 3
Continuation of Clinical Education III. (24 hours clinical experience per week)

RDT 207 Clinical Education V Credits: 3
Continuation of Clinical Education IV. (24 hours clinical experience per week) Sp

RDT 209 Radiologic Pathology Credits: 2
Introduction of theories of disease causation and pathophysiologic disorders compromising health systems. Etiology, pathophysiologic responses, clinical manifestations, radiographic appearance and management of alterations in body systems will be presented.

RDT 210 Radiographic Procedures III Credits: 2
Continuation of Radiographic Procedures II. Areas of study are vertebral column, bony thorax, skull, facial bones, and sinuses. (Prerequisites BIO 2010, 2020) (3 hours lecture, 2 hours laboratory per week for 8 weeks) Su

RDT 212 Radiographic Procedures IV Credits: 4
Continuation of Radiographic Procedures III. New study areas include supplementary and non-routine exams in chest, abdomen, upper and lower limb, proximal femur and pelvic girdle, spine, bony thorax, skull, facial bones, paranasal sinuses, GI system, urinary system, mammography, pediatric and geriatric radiography, special contrast procedures, interventional radiography, angiography, mobile and surgical radiography, and an overview of CT, Nuclear Medicine, MRI, Ultrasound, Radiation Therapy, Bone Densitometry, and PET. (3 hours lecture, 2 hours laboratory) F

RDT 215 Advanced Radiography Credits: 1
A study of the positioning and exposure modifications required for trauma, geriatric patients and patients with unusual conditions, body types or diseases.

RDT 216 Applied Radiation Physics Credits: 2
A study of equipment operation and quality control factors for computer and digital radiography, including a review of basic radiation physics principles for conventional radiography.

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. Sp

RDT 225 Radiation Physics Credits: 3
A study of electromagnetism, production and properties of x-rays, interactions with matter, x-ray tube and circuitry, and specialized imaging equipment. F

RDT 226 Radiation Science I Credits: 4
Knowledge of the profession is enhanced through group discussion, research and writing. A comprehensive review of radiologic technology registry content is included. Sp

REC 201 Social Recreation Credits: 3
Introduces methods and materials for planning, organizing, and conducting social activities for groups of various sizes and ages in a variety of social situations. Emphasis is on the mechanics of planning and presenting a repertoire of activities for social recreation events. Major activities will be discussed, played, and/or demonstrated. (as needed)

RTT 121 Cardiopulmonary-Renal Anatomy and Physiology Credits: 4
An in-depth study of the structure and function of the cardiopulmonary and renal organ systems, including the study of hemoglobin, oxygen, carbon dioxide, and acid base balance in health and disease. (First Year) Sp

RTT 122 Respiratory Care Science I Credits: 4
Course will discuss the following information: ethical/legal issues as they pertain to the respiratory care profession. Patient assessment techniques to include vital signs, cardio/thoracic assessment, radiographic, diagnostic, and laboratory test and results. Medical terminology, stems, suffixes, prefixes and root words. Introduction to charting, utilization of the SOAP technique, and other relative patient information. Principle, operation, maintenance, and troubleshooting of compressed gas sources and gas administration devices will be discussed. An introduction of humidity and aerosol theories and therapies and an introduction to compressed gas monitoring equipment will be included. (3 hours lecture, 3 hours laboratory)

RTT 123 Respiratory Pharmacology Credits: 2

Course will discuss drug preparations, basic principles of drug action, distribution systems, drug orders, mathematical principles related to drug preparation and administration, routes of drug administration, drug classifications, basic mechanisms of action, and therapeutic applications for drugs administered by respiratory therapists.

RTT 131 Pathology of Respiratory Diseases I Credits: 2
A study of common respiratory abnormalities. Anatomical alterations of the lungs due to disease, the etiology of the disease, the major respiratory-related clinical manifestations associated with the disease process, and treatment of the disease will be studied. (First Year) Sp

RTT 132 Respiratory Care Sciences II Credits: 6
This course will be a continuation of Respiratory Care Science I. In this course, the following will be discussed: therapeutic aerosol delivery both long and short term. Aspects of airway care to include: tracheal aspiration, various types airways, intubation/extubation techniques, cuff care, and trach care procedures will be discussed. Continued discussions of medical terminology will occur. Procedures and theory of hyperinflation therapy will be taught to include: deep breathing and coughing techniques, Sustained Maximal Inspiration (SMI), and Intermittent Positive Pressure Breathing (IPPB). Students will be introduced to the clinical sites, and will get an understanding of the clinical policies and procedures. Students will apply procedural methods learned in Respiratory Care Science I in the clinical setting. (3 hours lecture, 3 hours lab, 12 hours clinic)

RTT 220 Respiratory Care Science III Credits: 4
This course will primarily discuss the concepts and physiological effects of mechanical ventilation. Various types of ventilators from hand-held devices to computer controlled devices will be discussed. Various ventilatory adjuncts such as PEEP, CPAP, SIMV, pressure support and others will be discussed. Mechanical ventilation preparation, set-up, monitoring and troubleshooting will be discussed in detail. Students will be introduced to critical care medicine during the clinical rotations and will perform those procedures studied in Respiratory Care Science II. Medical rounds with physicians will be conducted along with patient case presentations. (2 hours lecture, 3 hours laboratory, 8 hours clinic/week)

RTT 230 Respiratory Care Science IV Credits: 6
This course will be a continuation of Respiratory Care Science III. Concepts of ventilator weaning will be discussed. Various types of ventilators and techniques for monitoring and adjusting parameters will be discussed. Students will begin work in the critical care areas. Procedures learned in Respiratory Care Science III will be performed by students during this clinical rotation. Students will continue physician rounds and gain experience in the use of advance patient monitoring equipment and working with various mechanical ventilators. (3 hours lecture, 3 hours lab, 16 hours clinic/week)

RTT 231 Pathology of Respiratory Diseases II Credits: 2
A continuation of Pathology of Respiratory Diseases I. (First Year) Su

RTT 235 Neonatal and Pediatric Care Credits: 3
A detailed study of respiratory care concepts and techniques in neonatal and pediatric medicine. A close look at advanced equipment used in this specialty area as well as disease processes will be discussed.

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 hours lecture, 24 hours clinic/week)

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.

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.

SERV 1010 Service Learning Practicum Credits: 1

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. (as needed)

SOC 201 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

SOC 202 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 social problems examined include environmental abuse, population and resource challenges, war, social inequality, technology, and violence. F, Sp

SOC 211 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

SOC 212 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. (as needed)

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

SPAN 1020 Beginning Spanish II Credits: 3

Continuation of Beginning Spanish I. (Prerequisite: SPAN 1010) Sp

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

SPAN 2020 Intermediate Spanish II Credits: 3

Continuation of Intermediate Spanish I. (Prerequisite: SPAN 2010) Sp

SPCH 201 Basic 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

SPCH 221 Business and Professional Speaking Credits: 3

Designed for students going into management, human relations, communications, personnel management and the sciences where the individual must work on a person-to-person basis. Included in the course are units on presenting informative reports, using visuals, interview and conference techniques, and manuscript speaking. Sp

SSC 102 Social Science Seminar: Travel Study Credits: 1

This seminar is a travel course that enables students to visit sites, museums, and other facilities for academic study in social science disciplines. Recent field trips include travel study to Washington, D.C., Williamsburg and Jamestown, VA, Gettysburg and Amish Country, PA, and New York City. Repeatable for up to six hours credit. (as needed)

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. (as needed)

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. (as needed)

SSC 211 Southwest Field Trip Credits: 3
The Southwest Field Trip is a multidisciplinary and humanistic study (including contributions from anthropology, archeology, astronomy, biology, geography, geology, history, and literature) 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. Sp

SSC 212 Southwest Field Trip Credits: 3
The Southwest Field Trip is a multidisciplinary and humanistic study (including contributions from anthropology, archeology, astronomy, biology, geography, geology, history, and literature) 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. Sp

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. (as needed)

SSC 216 Death, Dying, and Bereavement Credits: 3
An interdisciplinary (including contributions from Anthropology, Art, Ethics, Health Sciences, History, Literature, Philosophy, Public and Government Policy, Religion, and Sociology) and humanistic study of death, dying and bereavement, including key issues and concerns. (as needed)

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. (as needed)

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. Offered as needed.

SSC 230 Anthropology of Religion Credits: 3

This seminar is a general survey of religious beliefs and activities among non-industrial societies. The course will concentrate on the anthropological study of belief systems, myths, rituals and ceremonies, rites of passage, cultural change and adaptation, and revitalization movement. Crosslisted as HUM 263. (as needed)

SSC 260 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. (as needed)

SSC 261 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. (as needed)

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. As needed. No prerequisite. (as needed)

TEC 101 General Technology I Credits: 1 to 10

An in-depth analysis of a particular topic, concern or problem as it applies to modern technology. May be used for experiential credit with prior approval from the Dean of Business.

TEC 102 General Technology II Credits: 1 to 10

A continuation or extension of General Technology I.

TEC 110 Basic CAD and Drafting Credits: 3

Introduction to basic computer-aided design and drafting (CADD). Subject areas include an exploration of multiview projections and CAD programs, creating, editing and displaying two dimensional information. Upon completion of the course the student will be able to draw, dimension and display principle views of objects using orthographic microcomputer techniques.

TEC 115 Introduction to CAD Software Credits: 3

A survey of the most popular and available CAD programs used in today's work environment. The student will be introduced to various CAD programs to offer insight for selection and use in a work or personal use environment.

TEC 120 Application of CAD Credits: 3
This course is designed to explore advanced applications in a CAD application. Tasks include customization, object-linking, dynamic data exchange, and importing and exporting files.

TEC 201 General Technology III Credits: 1 to 8
A continuation or extension of General Technology II.

TEC 205 Writing for Technical Fields Credits: 3
A technical writing course designed for students in non-degree technical programs. Incorporates introductory basic writing skills, the course begins with editing based on grammar and punctuation skills and covers purpose, audience, organization, clarity and conciseness. Writing and editing memoranda, business letters, project proposals and reports will provide the main focus. (TEC 205 is not a transferable course and cannot be substituted for ENG 231.)

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, Su

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. F

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. Sp

THEA 112 Musical Theatre Dance Credits: 2
Covers dance forms and styles used in musical theatre choreography. Covers basic techniques, vocabulary and dance excerpts from musical theater shows. F, Sp

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. (Class available as determined by Director of Theatre Program) F, Sp

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. (Class available as determined by Director of Theatre Program) F, Sp

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. (Class available as determined by Director of Theatre Program) F, Sp

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

THEA 232 Fundamentals of Acting II Credits: 3
Improvisations, use of acting techniques in extensive work. Emphasis placed on special problems in contemporary roles. (Prerequisite: THEA 231 or permission of instructor) Sp

THEA 233 Fundamentals of Play Directing Credits: 3

Play analysis, production concepts, staging, theory and techniques; rehearsal methods and procedures. Introduction of scene work. Sp

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. F

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.

THEA 236 Media Production I Credits: 3
Students will write, produce, and direct a short narrative or television program. This intensive classroom project, students will explore the crafts of directing, producing, editing, screenwriting and cinematography. In addition to producing their own television show, students will work in key positions on each other's projects. The class goal as a group will be to workshop a teleplay script for a scheduled shoot at the end of the term.

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

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. F, Sp

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. F, Sp

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. F, Sp

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. F, Sp

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. F, Sp

THEA 261 Jazz Dance Credits: 2

Introduces fundamentals of jazz dance technique. Emphasizes and develops correct body alignment, coordination, strength, flexibility, rhythm, and movement awareness. Includes jazz dance vocabulary and basic jazz dance combinations. F, Sp

THEA 262 Modern Dance Credits: 2
Covers basic movement and modern dance techniques; emphasizes communicative skills, creativity and improvisation. F, Sp

THEA 263 Tap Dance Credits: 2
Introduces fundamentals of tap dance technique and vocabulary. Develops a sense of timing, rhythm and musicality. Emphasizes basic traditional tap steps, rhythm tap combinations and complete dances. F, Sp

THEA 264 Beginning Ballet Credits: 2
Introduces correct body alignment for posture, coordination and balance; covers stretching and limbering for muscle tone, agility and strength. Covers exercises at the barre followed by center floor work. F, Sp

ULT 110 Abdominal Sonography Credits: 3
This course is a study of the cross-sectional anatomy of the abdominal organs and their normal and pathological appearance on ultrasound. This course includes the study of small parts sonography in the areas of thyroid, breast, and scrotum.

ULT 120 Sonography Analysis I Credits: 1
Introduction to the critiquing of ultrasound images on a basic level to improve the students' ability to use sonographic terminology in describing ultrasound images. Students will submit 2 basic normal case studies and the analysis of two ultrasound journal articles. This is an independent study.

ULT 130 Obstetrics and Gynecology Credits: 3
This is a study of the female pelvic organs in the non-gravid and gravid condition and how normal and abnormal anatomy appears on ultrasound. It includes the study of the normal and abnormal fetus as evaluated by sonography.

ULT 140 Ultrasound Physics Credits: 2
This ultrasound physics course is a detailed study of how ultrasound produces our image and how it interacts with tissue. Quality assurance and safety issues are also covered.

ULT 150 Sonography Analysis II Credits: 2
A course designed to improve the students' skills in recognizing technical errors on sonograms. Students will submit 3 abnormal case studies and the analysis of three ultrasound journal articles. This is an independent study.

ULT 161 Advanced Sonography Practice and Review Credits: 2
A study of current and miscellaneous ultrasound procedures. A comprehensive review of ultrasound physics, abdominal ultrasound and ob/gyn ultrasound.

ULT 170 Sonography Analysis III Credits: 1
A course designed to improve the students' skills in presenting a sonogram for reading by the interpreting physician. Students will submit 3 abnormal case studies and will complete a scientific research paper. This is an independent study.

ULT 180 Vascular Sonography Credits: 2
This is a study of the cerebrovascular system. It includes extracranial, intracranial, and peripheral vascular imaging. Normal and abnormal conditions are studied as it relates to sonography.

ULT 190 Echocardiography Credits: 2
This course is a study of the cross-sectional anatomy of the heart and its related vessels. It includes practical knowledge and application of two-dimensional m-mode, Doppler, color flow Doppler, transesophageal and stress echocardiography. Normal and abnormal conditions of the heart as related to echocardiography are covered.

ULT 200 Pediatric Sonography Credits: 1
A study of sonographic procedures that is specific to the neonate and pediatric patient. This includes neonatal head, neonatal spine, and specific diseases of the abdomen and pelvis of the pediatric patient.

WELL 1010 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

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Personnel / Faculty

Staff

President

Office of the President

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 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)

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

Andrew C. Benson, *Director of Internal Audit*
 B.S. Carson Newman College-Accounting/Management
 M.Acc. East Tennessee State University-Accountancy
 C.P.A., State of Tennessee

Institutional Effectiveness and Research

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

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 B.S., East Tennessee State University-Psychology & Public Health
 M.P.H., East Tennessee State University-Community Health Education
 Ed.D., University of Tennessee-Education Administration & Policy (2005)

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 B.S., Florida A&M University-Computer & Information Systems (1990)

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 B.S., Kent State University (1977) - Secondary Education

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 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 (2008)

Ruth Lee Melton, *Records Management Technician*

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 A.S., Roane State Community College-General Studies (1981)

Academic Services

Office of the Vice President for Academic Services

Adolf A. King, *Vice President*
 B.S., City of Leicester Polytechnic Institute-Applied Chemistry
 M.S., Imperial College of Science and Technology, London Univ.-Analytical Chemistry
 D.I.C., Imperial College of Science and Technology, London Univ.-Analytical Chemistry
 Ph.D., Imperial College of Science and Technology, London Univ.-Analytical Chemistry (1977)

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

Academic Development

Charles E. Smith, *Director of Academic Development*
 B.S., Middle Tennessee State University-Mathematics
 M.M., University of Tennessee-Mathematics
 Ed.D., University of Tennessee-Educational Administration (1981)

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 Certificate, Secretarial Science-Roane State Community College
 A.S., Roane State Community College-Office Administration (1995)
 Certified Professional Secretary (2005)

Advising Resource Center

Amy Keeling, *Director, Advising/Articulation*
 B.S., MacMurray College-Deaf Education

M.S., Eastern Illinois University-Guidance and Counseling/College Student Personnel(1986)

Diane Castle, *Academic Advisor*

A.S., Hillsborough Community College-Interpreter's Training
B.A., Central Missouri State-French (1968)
Certified Professional Secretary (1996)

Nancy Hamilton, *Academic Advisor*

B.S., Tennessee Tech University-Early Childhood Education
M.Div., Southwestern Baptist Theological Seminary-Youth Education & College Ministry (1998)

Sandra Grice, *Coordinator of Veterans Services and Academic Advisor*

A.S., Roane State Community College-Social Science
B.S., Tennessee Technological University-History/Political Science
J.D., University of Tennessee-College of Law (1984)

Center for Teaching Arts and Technology

Gail Russell, *Director*

B.S., West Virginia State College-Business Administration
M.A., Virginia Polytechnic Institute and State University-Counseling/Student Personnel (1978)

Lon Bird, *Audiovisual Technician*

A.A.S., Pellissippi State-Video Production Technology

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B.A., University of Washington-Communications (2005)

Tom Okulczyk, *Training Specialist/Computer Lab Technician*

A.S., Blackhawk College-Business (1991)

J. Patrick Pate, *Assistant Librarian for Audiovisual Services, Associate Professor*

B.S., University of Tennessee-Fine Arts
M.S., University of Tennessee-Library Information Science (1985)

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B.S., Tusculum College-Organizational Management (2004)
Certified Professional Secretary (1996)
Microsoft Office Master (2005)
M.A., Tusculum College- Organizational Management (2006)

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M.A., Austin Peay State University-Psychology (1996)

Energy Education

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M.S., University of Tennessee-Education (1980)

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Learning Center

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B.A., Kent State University-English
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B.A., Vassar College-English
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M.A., Hollins University-Screenwriting/Film Studies
M.F.A., Hollins University-Screenwriting (2006)

Libraries

Robert M. Benson, *Director of Library Services/Assistant Professor*

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M.S., University of Tennessee-Library and Information Science (1996)

Rosemary Bird, *Cataloging Librarian/Assistant Professor*

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M.S., University of Tennessee-Library Science (1977)

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B.S., St. Cloud State University-Accounting (1982)
J.D., Hamline University-Law (1990)
LL.M., William Mitchell College of Law-Taxation (1993)
M.S., Dominican University-Library and Information Science (1996)

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Marilyn Clifton, *Library Assistant*

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ACADEMIC DIVISIONS

Allied Health

Michael Laman, *Dean, Associate Professor*

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)

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A.S., Crown College-Office Management (2005)

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Humanities

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Certified Developmental Education Specialist

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B.A., Tennessee Temple College-History (1978)

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Mathematics and Sciences

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B.A., David Lipscomb College-Mathematics

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

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B.S., University of Miami-Chemistry (1989)

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Nursing

Priscilla Spitzer, *Dean, Associate Professor*

Program Director, Nursing

B.S.N., Emory University

M.N., Emory University Adult Health Nursing (1977)

Registered Nurse

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Licensed Attorney (Tennessee)

Rule 31 Civil Mediator (Tennessee)

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Continuing Education and Workforce Development

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B.S., Tennessee Wesleyan College-Business Education and Business Management

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Adult Education

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B.S., Tusculum College-Applied Organizational Business Management

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A.A.S., Roane State Community College-General Technology
B.S., Cumberland College-English
Tennessee Technology Center-Micro-Computer Specialist
Tennessee Technology Center-CompTIA A+ Certified Professional

Tammy Garrett, *Secretary, Roane, Morgan and Scott Counties*

Cynthia Hayes, *Secretary, Roane County*

Center for Health Sciences

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

Rebecca Calfee, *Coordinator, Health Science Programs*
Licensed Critical Care Paramedic

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Diploma in Nursing, East Tennessee Baptist Hospital
EMT-IV, Roane State Community College
Paramedic, Creighton University (2005)
Certified Critical Care Emergency Medical Transport

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Community Services

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A.A.S., Roane State Community College-Contemporary Management
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M.A., Tennessee Technological University-Instructional Leadership (2006)
Certified Professional Secretary (2000)

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Corporate Training Center

Lawrence Wade Johnson, *Manager of Business Programs*
B.A., Covenant College-Organization Management-Business Administration
M.S., University of Tennessee-Industrial & Organization Psychology
CPCM, Certified Professional Consultant to Management

Jamie Stringer, *Teaching, Technology and Innovation*
B.S., Western Governors University-Network Management
M.A., The George Washington University-Education and Human Development (2008)
MCSE, Microsoft Corporation-Microsoft Certified Systems Engineer

Sonya Parker, *Technical Services*
Certified Professional Secretary (2007)
Microsoft Certified Specialist Expert
Intranet Webmaster Certificate

Exposition Center

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

William O. Warner, *Farm Worker Supervisor*

Tony Jones, *Farm Worker*

Shannon Womble, *Farm Worker*

Michael Pogue, *Farm Worker*

Diane Cox, *Office Supervisor*

Small Business Development Center

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A.S., Laramie County Community College-Internet Technology & Web design
B.S., University of Wyoming-Business Administration

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Office of the Vice President for Enrollment Management

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B.A., University of Tennessee-Psychology
M.S., University of Tennessee-Educational Psychology (1985)

Kristi L. Beason, *Administrative Assistant I*
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Technology (1998)
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Admissions Office

Maria Gonzales, *Director of Admissions and Recruitment*
A.A., Hiwassee College
B.S., University of Tennessee-Zoology (1984)

Jim McDaniel, *Assistant Director of Admissions*
B.S., University of Tennessee-Hotel/Restaurant Administration
M.S., University of Tennessee-Education (1991)

Chris Creswell, *Recruiter/Admissions Officer*
A.S., Roane State Community College-General (1989)

Jessica Hunsaker, *Recruiter/Admissions Officer*
A.S., Roane State Community College-Elementary Education (2004)
B.S., Tennessee Technological University-Elementary Education (2005)

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

Joy Armes, *Admissions Officer*
A.S., Roane State Community College-Office Administration (1986)

Athletics

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

Wilma Black, *Secretary*
Certified Professional Secretary (2006)

Larry Works, *Baseball Coach*
B.S., East Tennessee State University-Health and Physical Education
M.S., University of Montana-Health and Physical Education and
Psychology (1968)

David Lane, *Assistant Baseball Coach*
B.S., Middle Tennessee State University-Geo-science
M.A., Tennessee Technological University-Health and Physical
Education (1997)

Susan Niemi, *Softball Coach*
B.S., Northern Michigan University-Physical Education (1982)

Monica Boles, *Women's Basketball Coach*
A.S., Roane State Community College-General
B.S., Carson-Newman College-Computer Science (2003)

Counseling, Career, and Disability Services

Tracey Watson, *Director*
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

Chester Goad, *Disability Coordinator*
B.S., Tennessee Tech University-Education
M.A., Tennessee Tech University-Instructional Leadership (2002)

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

Julianne Davis-Cole, *Counselor*
B.S., University of Tennessee-Business Administration
M.Ed., University of Memphis-School Counseling (1989)

Tina S. Messamore, *Technical Clerk*
A.S., Roane State Community College-Business Management
Technology, General Business (1984)

Dual Studies

Cathy Day, *Coordinator of Dual Studies*
B.S., Concord College-Mathematics
B.S., Concord College-Education
M.S., Tennessee Technological University-Curriculum and Instruction
Ed.D., University of Tennessee-Leadership Studies in Higher Education

Financial Aid

Joy Goldberg, *Assistant Vice President*
B.S., University of Tennessee-Education
M.S., University of Tennessee-Education (1977)

Tina Long, *Assistant Director*
A.S., Roane State Community College-General
B.S., University of Tennessee-Education (1999)

Robin Townson, *Financial Aid Technician*
A.S., Roane State Community College-Business Management
Technology (1989)
Certified Professional Secretary (1998)

Sandy Brock, *Financial Aid Assistant*
A.S., Mississippi State Technical Community College-General (1990)

Kendra Howard, *Supervisor of Scholarships and Work Study*
A.A.S., Roane State Community College-General Technology (2000)

Helen Turney, *Financial Aid Assistant*
Certified Professional Secretary (2003)

Melodie Johnson, *Financial Aid Assistant*
A.S., Roane State Community College-Business Management
Technology, Computer Science (1983)

Linda Aytes, *Financial Aid Assistant*

Rebecca Womack, *Financial Aid Assistant*

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)

Placement

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

Records and Registration

Brenda Rector, *Registrar/Director*
B.S., Lincoln Memorial University-Business Administration
M.Ed., Lincoln Memorial University-Counseling and Guidance (1992)

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

Sheila Eason, *Admissions & Records Supervisor*
A.S., Roane State Community College-General Education (1990)

Margaret Bailes, *Technical Clerk*
A.S., Roane State -General Business
B.A., University of Tennessee-Psychology

Sharon Christmas, *Technical Clerk*

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

Amber Goins, *Technical Clerk*
B.S., Tennessee Technological University-Elementary Education (2008)

Student Activities and Organizations

Sammie R. Mowery, *Coordinator*
A.S., Roane State Community College-Secondary Education
B.S., East Tennessee State University-Elementary Education
M.S., University of Tennessee-Adult Education (1983)

Student Services/Dean of Students

Beverly Bonner, *Assistant Vice President*
B.S., Tennessee State University-Psychology
M.A., Fisk University-Clinical Psychology (1973)

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

Testing Center

Julia Musolf, *Director of Testing*
B.S., East Tennessee State University-American Studies

Mary Scandlyn, *Testing Technician*
B.A., University of South Carolina-Education (1969)

Chris Hartzog, *Testing Technician*

Financial Services

Office of the Vice President for Financial Services

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

Carol Smith, *Administrative Assistant II*
A.S., Roane State Community College-Office Administration (1981)
Certified Professional Secretary (1990)

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)

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

Shirley Boles, *Systems Analyst*
B.S., Tusculum College-Organizational Management (1995)

Keri Phillips, *Programmer/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 (1986)
A.A., Roane State Community College-Social Science (2006)

Budgets, Payroll, and Telecommunications

Allen L. Brunton, *Assistant Vice President*
A.S., Roane State Community College-Business Management
B.S., Middle Tennessee State University-Accounting (1976)

Mildred Millican, *Payroll Supervisor Specialist*
A.S., Roane State Community College-General Technology (1998)
Certified Professional Secretary

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

Nancy Rose, *Account Clerk II*
A.A.S., Roane State Community College-General Technology (2003)

Regina Kendrick, *Information Center Supervisor*

Fiscal and Auxiliary Services

Jamie Wilmoth, *Assistant Vice President*
B.S., Tennessee Technological University-Accounting (1978)

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

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

Tabatha Hamby, *Bursar*
A.S., Roane State Community College-Business Administration (2004)
B.S., Tennessee Technological University-Marketing (2006)

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

Judy Dowker, *Lead Cashier*
Certified Professional Secretary (2007)

Mary Edmonds, *Cashier*
A.S., Knoxville Business College (1970)
Certified Professional Secretary (2003)

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

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

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

Mary Ann Samples, *Account Clerk*
A.A.S., Roane State Community College-General Technology (2003)
Certified Professional Secretary (1996)

Geraldine Sandifer, *Account Clerk*
A.S., Roane State Community College-Business Management (1992)
Certified Professional Secretary (1996)

Annette Stooksbury, *Account Clerk*
A.A.S., Roane State Community College-General Technology (2003)

Kim Leach, *Account Clerk*

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-Management (1990)

Denette N. Flynn, *Human Resources and Recruitment Manager*
B.A., University of Tennessee-Human Services
M.Ed, Tusculum College-Human Resource Development (2008)

Jana Hamby, *Executive Secretary*

Karen B. Grigsby, *Secretary III*

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*

Networking and Technical Support (Help Desk)

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

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

Anita Anthony, *Microcomputer Specialist*

Robert L. Brown, *Microcomputer Specialist*

William Elwartowski, *Microcomputer Specialist*

Lyle Fountain, *Network Administrator/Microcomputer Specialist*
A.S., Roane State Community College-Mini-Microcomputer
Technology (1997)

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

Chris Hillman, *Microcomputer Specialist*
A.A.S., Baker College-Networking Technology (2003) A+, N+,
MCDST, MCP

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

Jason Wilson, *Web Portal Systems Administrator*
A.A.S., I.T.T Technical Institute-Electrical Engineering Technology
(1992)
B.S., Tennessee Technological University-Software Engineering (1996)
B.S., Tennessee Technological University-Math (1996)

Physical Plant

Ken Beauchamp, *Director*
B.S., University of North Alabama-Accounting (1974)

Linda Fugate, *Secretary III*
A.A.S., Roane State Community College-Business Management (1993)
Certified Professional Secretary (1997)

James Huckleby, *Maintenance Supervisor*

David Ross, *Maintenance Lead Worker*

Dale Green, *Maintenance Worker*

Donald Johnson, *Painter*

Ronald Johnson, *Maintenance Worker*

Charlie Randolph, *Maintenance Mechanic*

Damon Sandifer, *Maintenance Worker*

J. Patrick Tilley, *Maintenance Mechanic*

Roy Wiley, *Maintenance Worker*

Mike McClure, *Courier*

Lorene Hensley, *House Worker*

Nora Ellen Williams, *Custodian*

Vacant, *Grounds Supervisor*

Henry Barger, *Utility Worker*

Terry Scheiren, *Bus Driver/Maintenance Utility Worker*

Jerry Swykert, *Grounds Worker*

Irene Weismuller, *Grounds Worker*

Randy Griffin, *Security Guard*

Rita Jones, *Security Officer*
A.S., Roane State Community College-Criminal Justice (1986)

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

Mike McPeters, *Security Guard*

Sharon Wheeler, *Security Guard*

Purchasing

Jack Walker, *Director of Purchasing*
B.B.A., Carson Newman College-Accounting
C.P.A., (Inactive) State of Tennessee
M.B.A., Tennessee Technological University (2004)

Mary Vineyard, *Buyer*
Diploma, Harriman Vocational-Technical Center-Office Occupations
(1975)

Fred Ooten, *Shipping/Receiving Clerk*

Institutional Advancement

Office of the Vice President for Institutional Advancement

Melinda Hillman, *Vice President*
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, *Administrative Assistant*
Certified Business Administration-Kee Business College (1986)
Certified Professional Secretary (2004)

Linda Brown, *Accountant*
B.B.A., East Tennessee State University-Accounting

Ruth Lee Melton, *Scholarship Specialist*

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

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 (2008)

Alumni Relations

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

Owen Driskill, *Coordinator of Alumni Communications*
B.A., Clemson University-English/History (1997)

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

Marketing and Public Relations

Vacant, *Director of Marketing and Public Relations*

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

Owen Driskill, *Coordinator of News*
B.A., Clemson University-English/History (1997)

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

Oak Ridge Branch Campus and Satellite Centers

Office of the Vice President for Oak Ridge Branch Campus and Satellite Centers

Russell B. Schubert, *Vice President*
B.S., Tennessee Technological University-Agriculture
M.Ed., Stephen F. Austin State University-Counseling (1974)

Pam Shannon, *Administrative Secretary*
Secretarial Science Certificate-Roane State Community College
A.A.S., Roane State Community College-General Technology (2001)

Campbell County Higher Education Center

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

Vanessa Overton, *Technical Clerk*
A.S., Roane State Community College-General
B.S., Tusculum College-Applied Organizational Management
M.A., Tusculum College-Education (Org. Training & Education)
(2004)

Sonya Thomas, *Secretary II*
A.A.S., Roane State Community College-General Technology
Roane State Community College, Certificate-Office Information
Technology

Richard Ellison, *Custodian/Utility Worker*

Cumberland County Higher Education Center

Charlene Hall, *Director*
Ed.S., Tennessee Technological University-Educational Psychology and
Counseling (2003)
LPC, Licensed Professional Counselor, Tennessee Health Related
Boards

Sandra Fuller, *Technical Clerk*
A.S., Cleveland State Community College-Accounting (1990)
Certified Professional Secretary (1998)

Peggy Miller, *Library Assistant/Secretary*
B.S., Tennessee Technological University-Health and Physical
Education
M.A., Tennessee Technological University-Curriculum & Instruction
(1966)

Shirley Hudson, *Evening Secretary*
Certified Professional Secretary (2001)

Stephanie Howard, *Secretary II*
A.S., Roane State Community College-Contemporary Management
(2007)

Esco Delane Sidwell, *Maintenance/Custodial Supervisor*

Fentress County Higher Education Center

Pamela J. May, *Coordinator*
A.A.S., Roane State Community College-General Technology (1998)

Cathi L. Jolly, *Technical Clerk*

Knox County Center for Health Sciences

Anne Allen, *Director*
B.A., University of Tennessee-Liberal Arts

M.S., University of Tennessee-Education (1980)

Kay DeVore, *Technical Clerk*
Certified Professional Secretary (1998)

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

Pamela Schafer, *Secretary II*

Jeffery Chorn, *Custodian/Utility Worker*

Loudon County Higher Education Center

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

Yvonne Toon, *Technical Clerk*

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

Morgan County Higher Education Center

Michelle Adkisson, *Director*
A.S., Roane State Community College
B.S., Tennessee Technological University-Sociology (1991)

Diana Scarborough, *Secretary III*

Oak Ridge Branch Campus

Russell B. Schubert, *Vice President*
B.S., Tennessee Technological University-Agriculture
M.Ed., Stephen F. Austin State University-Counseling (1974)

Pam Shannon, *Administrative Secretary*
Secretarial Science Certificate-Roane State Community College
A.A.S., Roane State Community College-General Technology (2001)

Mariella Akers, *Faculty Secretary*
B.A., Hood College-Psychology
M.F.A., Savannah College of Art and Design-Historic Preservation (1995)

Sandy Vann, *Faculty Secretary*

Donna Wallace, *Information Center Supervisor*

Christi Moss, *Evening Receptionist*

Nancy Humphreys, *Grounds Supervisor*
A.S., Roane State Community College-General Studies (1991)

Susan Brown, *Grounds Worker*

Jimmie Neal, *Maintenance Utility Worker*

Tanya Souther, *Custodial Lead Worker*

Todd Thompson, *Security Guard*

Troy Williams, *Maintenance Worker*

Rocky McNamara, *Security Guard*

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 (1996)
Certified Professional Secretary

Charlotte Shelton, *Secretary*

Faculty

Faculty

NOTE: (date) indicates date of last degree

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

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

ANDERSON, ANDY, *Assistant 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

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

BACKSTROM, KURT A, *Associate Professor, Program Director of Physical Therapy Assistant*
B.S., Indiana University of Pennsylvania-Health and Physical Education
M.S., University of Kentucky-Physical Education
B.S., Howard University-Physical Therapy (1979)

BACKSTROM, SUZANNE M, *Associate Professor PTA, Program Coordinator of Clinical Education*
B.S., University of North Dakota-Physical Therapy (1978)

BADGER, ROGER A, *Instructor of EMT, Paramedic*
A.S., Hocking Technical College-Emergency Medical Technology (1982)
Licensed Tennessee State Paramedic

BAILEY, PATRICIA G, *Professor of Mathematics*
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)

- BARRIGA, MARIA, *Professor of Spanish*
B.A., Universida Catholica-Spanish
Ph.D., University of Tennessee-Spanish (1991)
- BELL, DAVID W, *Associate Professor of Mathematics*
B.S., North Carolina State-Math Education
M.A.T., Duke University-Math Education (1973)
- BODINE, MARK, *Instructor of EMT-Paramedic*
A.A.S., Roane State Community College-General TechnologyLicensed
Tennessee State Paramedic
- BORIN, BRUCE L, *Associate Professor of Speech*
B.S., University of Nebraska-Education
M.A., East Tennessee State University-English and Speech (1975)
- BOULDIN, C. LARRY, *Professor of Mathematics, Dean, Math & Science Division*
B.A., David Lipscomb College-Mathematics
M.S., Middle Tennessee State University-Mathematics
Ed.D., University of Tennessee-Curriculum and Instruction, Mathematics Education (1982)
- BROWN, DARNETA, *Associate Professor of Nursing*
B.S.E., University of Tennessee-Education
A.D.N., Tennessee State University-Nursing
M.S.N., University of Tennessee-(1992)
Registered Nurse
- BROWN, PATRICIA, *Professor of Mathematics*
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/
MathematicsEducation (1996)
- BYRD, RODNEY, *Instructor of EMT-Paramedic*
A.A.S., Roane State Community College-General Technology (1996)
Licensed Tennessee State Paramedic
- BYRGE, TRACI, *Instructor of Health Information Technology*
A.A.S., Roane State Community College-Health Information
Technology (1990)
RHIT, Registered Health Information Technician
CCS, Certified Coding Specialist
- 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)
- CECIL, MISTY, *Assistant Professor of Education*
B.S., Tennessee Tech University-Psychology
M.A., Tennessee Tech University- Educational Psychology and
Counselor Education
Ph. D., Tennessee Tech University- Exceptional Learning (2006)
- CHITWOOD, DORIS, *Associate Professor of Mathematics*
B.S., Cumberland College-Mathematics
M.A., Cumberland College-Secondary Education
Ed.S., Tennessee Technological University-Administration and
Supervision (1987)
- 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)
- COBB, CASEY, *Assistant Professor of History*
B.A., University of North Carolina-History
M.A., University of Tennessee-U.S. Race Relations History (2002)
- COLLINS, RANDY L., *Assistant Professor of Mathematics*
B.S., University of Tennessee, Martin-Education
M.S., University of Tennessee, Knoxville-Mathematics
Ph.D., University of Tennessee, Knoxville-Teacher Education (2008)
- CONDON, JAMES B, *Professor of Chemistry*
A.B., State University of New York at Binghamton
Ph.D., Iowa State University (1968)
- CORDELL, SHARON, *Associate Professor of Education*
B.S., Cumberland College-Education/English
M.S., Tennessee Technological University-Education/Reading (1974)
- CURRAN, MICHAEL, *Professor, Program Director Dental Hygiene*
D.D.S., University of Nebraska (1972)
- CURRIE II, W. CURTIS, *Professor of English*
B.A., Pfeiffer College-English Literature, English Writing Studies
M.A., University of Tennessee-English
Ph.D., University of Tennessee-English Literature (1991)
- DAY, DEBRA, *Assistant Professor of Nursing*
B.S.N., Southern Nazzarene University-Nursing
M.S.N., University of Phoenix- Nursing (2005)
- DELICUL, AMALIA, *Associate Professor of Spanish*
M.A., University of Tennessee-Spanish
- DENTON, JILL B., *Assistant Professor of Mathematics*
B.S., Ohio University-Electrical Engineering
M.S., University of Tennessee-Mathematics (2003)
- 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, Business Department Chair*
A.S., Pearl River Junior College-Business
B.S., University of Southern Mississippi-Business Education
M.Ed., University of Southern Mississippi-Business Education (1989)
- EASTRIDGE, DARRELL M, *Associate Professor, Respiratory Therapy Clinical Director*
A.S., Cleveland State Community College
Certified Respiratory Therapy Technician
Registered Respiratory Therapist
B.A., Ottawa University-Health Care and Education
M.A.T., Carson Newman College
Ed.S., Lincoln Memorial University-Curriculum Instruction (1994)
- EDWARDS, LINDA M., *Associate Professor of Biology*
B.S., University of Tennessee-Botany
M.S., University of Tennessee-Botany (1967)

FELTNER, KAREN, *Assistant Professor/Program Director of Health Information Technology*

A.A.S., Roane State Community College-Medical Records
B.A., The College of St. Scholastica-Health Information Management (2006)

RHIT, Registered Health Information Technologist
CCS, Certified Coding Specialist

FISHER, BRUCE, *Professor of Biology, Coordinator of Biology*

B.S., Lincoln Memorial University-Biology
M.S., University of Tennessee-Zoology

Ph.D., University of Tennessee-Zoology (1974)

FOLTZ-GRAY, DANIEL A., *Associate Professor of English*

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)

GERGEN, TERI D., *Interim Fieldwork Coordinator; Occupational Therapy Assistant*

B.A., Allegheny College-Psychology
M.S., University of North Carolina-Occupational Therapy (1988)

GILES, C. LEIGH, *Interim Instructor for Opticianry*

A.A.S., Roane State Community College-Opticianry

GLENN, BETTY, *Associate Professor of 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)

GOGGIN, MICHAEL T., *Associate Professor/Program Director for Opticianry*

B.A., State University of New York at Buffalo-Anthropology
A.A.S., Erie Community College-Ophthalmic Dispensing (1978)

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, LIL, *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)

GREENLEE, GEOL A., *Associate 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)

HARBIN, JANET L., *Associate Professor of Nursing*

B.S., University of Tennessee-Human Ecology
M.S.N., University of Tennessee-Nursing (1994)

Registered Nurse

HARJALA, DAVID E., *Associate Professor of Mathematics*

B.S., Northern Michigan University-Physics
M.A., Northern Michigan University-Mathematics Education (1980)

HARRIS, VICKIE F., *Assistant 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*

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

HENSLEY, VICKIE, *Associate Professor, Clinical Coordinator for Radiologic Technology*

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

HERD, VALERIE, *Assistant Professor of Sociology, Freshman Experience Coordinator*

B.S., East Tennessee State University-Communications
M.S., University of Tennessee-Sociology (1995)

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

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

HILLIARD, PEGGY, *Professor of English*

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

HINKLE, REGINA, *Assistant Professor of Nursing*

Missouri Baptist College of Nursing
B.S.N., University of Maryland-Nursing
M.S.N., University of Tennessee-Nursing (1991)
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)

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

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

JENKINS, PATRICIA, *Associate 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

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/Clinical Coordinator Dental Hygiene*
B.S., East Tennessee State University-Community Health (1978)
Registered Dental Hygienist
- JORDAN-HENLEY, JENNIFER, *Associate Professor of English*
B.S., Middle Tennessee State University-English
M.A., Middle Tennessee State University-English Literature (1988)
- KEEFE, PAULA, *Instructor; Program Director of Massage Therapy*
M.A., University of Northern Iowa-Home Economics Education
Carlson College of Massage Therapy (1991)
Licensed Massage Therapist
- KING, ADOLF A., *Vice President of Academic Services, 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., *Assistant Professor of Mathematics*
B.A., David Lipscomb University-Mathematics
M.S., University of Tennessee-Mathematics (2006)
- LAMAN, MICHAEL A., *Associate Professor of Health Sciences, Dean of 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, *Assistant Professor of Psychology, Assistant Baseball Coach*
B.S., Tennessee State University-Geo-Science
M.A., Tennessee Tech University-Health and Physical Education (1997)
- LANZA, DONALD L., *Professor of History*
B.A., University of Tennessee at Chattanooga-History
M.A., University of Tennessee-History
Ph.D., University of Tennessee-History (1991)
- LAVENDER, WILLIAM P., *Instructor/Coordinator, Social Science, Business and Education*
B.A., Auburn University-Anthropology
M.S., Auburn University-Sociology and Anthropology (2002)
- LEE, ARTHUR C., *Associate Professor of Geology*
B.S., Penn State University-Geosciences
M.A., Temple University-Geology
Ph.D., University of Southern California-Geology (1993)
- LICATA, SALVATRICE D., *Instructor of Opticianry*
A.A.S., Mater Dei College-Ophthalmic Dispensing (1991)
A.O.S., Albany Business College-Accounting and Business Administration
Licensed Optician
- LIU, GUANGLEI, *Assistant Professor of Computer Science*
B.E., Electrical Engineering, Tianjin University, China
B.A., English, Tianjin University, China
M.S., Electrical Engineering, Rensselaer Polytechnic Institute
Ph.D., Electrical and Computer Engineering, Georgia Institute of Technology (2007)
- LUGGIE, BRENDA M., *Associate Professor of Music/Choral Director*
B.M., University of Akron
M.M., Ohio University-Music (2001)
- MABRY, MARIANNA, *Pharmacy Technician Director*
B.B.A., East Tennessee State University-Marketing and Spanish
CPhT
- MALVEAUX, KENNETH R., *Associate Professor of English*
B.A., University of Southwestern Louisiana-English
M.S., Tennessee State University/Vanderbilt University-Management of Social Service Programs (1976)
- MARSH, LINDA, *Program Director, Medical Transcription*
A.S., Steed College-Medical Secretarial Science (1974)
RHIT, Registered Health Information Technician
- MASCARO, MARILYN L., *Associate Professor of English/Assistant Coordinator, Honors Program*
B.S., University of Tennessee-English
M.A., University of Tennessee-English (1984)
- MEADOWS, SHANNON, *Assistant Professor of Biology*
B.S., Union University-Medical Technology
M.S., Louisiana State University Medical Center-Microbiology (1996)
- MEGHABGHAB, GEORGE, *Associate Professor of Computer Science Technology*
B.S., Institut Superior D'Electronique du Nord, Lille, France-ComputerEngineering
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)
- MILLER, DONALD E., *Professor of Anthropology and Sociology*
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)
- MONDAY, RALPH, *Assistant Professor of English*
B.S., Lincoln Memorial University-English Education
M.A., University of Tennessee-British and American Literature (1985)
- MURPHY, TRESSA, *Associate Professor of Mathematics*
B.S., University of Tennessee-Math
M.M., University of Tennessee-Math
Ed.S., Lincoln Memorial University-Education (1997)
- MURRAY, WILLIAM P., *Associate Professor of Physics/Engineering Technology*
B.S., University of Cincinnati-Chemical Engineering

M.S., University of Tennessee-Chemical Engineering (1970)

NAGELSON, ELAINE L., *Assistant Professor of Nursing*
B.S.N., University of Cincinnati
M.S.N., University of Cincinnati (1981)
Registered Nurse

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

NICHOL, JANELL M., *Assistant Professor of Nursing*
B.S.N., University of Tennessee - Nursing
M.S.N., University of Tennessee - Nursing
Ed.S., Tennessee Technological University (2007)
Registered Nurse

ORR, KAREN S., *Associate Professor of Mathematics*
B.S., University of Tennessee-Secondary Science Education
M.M., University of Tennessee-Mathematics (1991)

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

PARROTT, MELISSA A., *Assistant Professor of Nursing*
A.D.N., Wallace Community College
B.S.N., University of South Carolina-Nursing
M.S.N., University of South Alabama - Nursing (2006)
Registered Nurse

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

PLUMLEE, DONNA W., *Assistant Professor, Program Director Polysomnography*
Registered Polysomnographic Technologist (1986)
Registered Electroencephalographic Technologist (1992)
A.A.S., Draughtons Junior College-Business

POULIN, GERALD D., *Associate Professor of English*
B.A., Middle Tennessee State University-French and English
M.A.C.T., Middle Tennessee State University-English (1971)

PUCKETT, DAVID, *Professor of 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)

RAHMANIAN, M. SAEED, *Assistant Professor of Biology*
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, CAROLYN, *Associate Professor of Biology*
B.S., Stillman College-Biology
M.S., Mississippi State University-Biological Sciences (1999)

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

ROBERTSON, ANDREA, *Assistant Professor of Nursing*
B.S.N., University of Tennessee - Communications
M.S.N., University of Tennessee - Nursing (1999)
Registered Nurse

ROBINSON, JEAN R., *Assistant Professor, Program Director Radiologic Technology*
B.A., Immaculate Heart College-English
Registered Technologist (Radiology)-BHET School of Radiologic Technology

ROGERS, BEVERLY, *Assistant Professor of Nursing*
Ohio Valley Hospital School of Nursing
B.S.N., Ohio University - Nursing
M.S.N., Duquesne University - Nursing (1996)

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., *Assistant Professor/Interim Program Director, Occupational Therapy Assistant*
B.S., University of Wisconsin-Occupational Therapy
M.S., University of Tennessee-Health Education/Promotion (1995)

SAMMARTANO, LAURI J., *Associate Professor of Biology*
B.A., Saint Mary's University-Biology
Ph.D., University of Illinois-Biology (1988)

SCHRAMM, WILLIAM, *Associate Professor of Economics*
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)

SCHUBERT, RUSSELL B., *Associate Professor of Environmental Sciences*

- B.S., Tennessee Technological University-Agriculture
M.Ed., Stephen F. Austin State University-Counseling (1974)
- SEATON, MARY SUZIN, *Associate Professor of English*
B.S., Middle Tennessee State University-English
M.A., Middle Tennessee State University-English (1977)
- SEXTON, JEFF, *Associate Professor of Mathematics, Coordinator of Developmental Studies-Math*
B.S., Tennessee Technological University-Business Administration
M.A., Tennessee Technological University-Educational Administration and Supervision (1991)
- SHECKLES, DANNY M., *Assistant Professor/Program Director EMT-Paramedic*
A.A.S., Roane State Community College-General Technology
B.S., University of Tennessee-Education
M.A., Tennessee Technological University-Educational Administration & Supervision (1990)
National Registered Emergency Medical Technician-Paramedic
- SHLOUSH, MARCIA G., *Assistant Professor, Nursing*
B.S.N., University of Tennessee-Nursing
M.S., University of Tennessee-Child Development (1983)
Registered Nurse
- SIERGIEJ, PAMELA, *Professor of Biology*
B.A., Seton Hill University-Biology
Ph.D., University of Tennessee-Biomedical Sciences (1994)
- SPITZER, PRISCILLA W., *Associate Professor/Dean of Nursing*
B.S.N., Emory University-Nursing
M.N., Emory University-Adult Health Nursing (1977)
Registered Nurse
- STAMM, LISA M., *Associate Professor of Nursing*
B.S.N., East Tennessee State University-Nursing
M.S.N., University of Tennessee-Nursing (1991)
Registered Nurse
- STEELE, SHELIA O., *Associate Professor of Nursing*
B.S.N., University of Tennessee-Nursing
M.S.N., University of Tennessee-Nursing (1995)
Registered Nurse
- STERNFELS, RONALD, *Assistant 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)
- STRYK, THEODORE, *Assistant 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)
- TEETER, W. SCOTT, *Associate Professor of Criminal Justice*
B.S., Eastern Kentucky University-Law Enforcement
M.S., Eastern Kentucky University-Criminal Justice Education (1976)
- THAIS, DAVID F., *Associate Professor of Business*
B.S., Indiana State University-Management
M.B.A., Indiana State University-Business Administration (1974)
C.P.A., State of Tennessee
- THOMAS, JOHN K., *Professor of History*B.S., Austin Peay State University-History
M.A., Austin Peay State University-History
Ph.D., University of Tennessee-History (1990)
- THOMASON, SARAH K., *Associate Professor of English*
B.S., University of Tennessee-Education
M.S., University of Tennessee-English Education (1974)
- THURSTON, LINDA, *Assistant Professor of Speech*
B.M., Southern Methodist University-Music Education
M.A., Memphis State University-(1979)
- TRENTHAM, JEAN, *Associate Professor of Business*
A.A., Hiwassee Junior College-Business Administration
B.S., East Tennessee State University-Business Education
M.A., East Tennessee State University-Business Education (1980)
C.P.S. (1977)
- TUCKER, JENNIFER D., *Associate Professor of EMT-Paramedic Program*
B.S.N., University of Tennessee-Nursing
M.S., University of Tennessee-Exercise Physiology (1987)
- WADDLE, JOETTE, *Associate Professor of English*
B.A., Tennessee Technological University-English
B.S., Tennessee Technological University-Secondary Education
M.A., University of Tennessee-English (1985)
- WANG, MELINDA, *Assistant Professor of Nursing*
B.S., University of California, Berkeley-Conservation and Resources Studies
M.S.N., University of Tennessee-Nursing (1998)
Registered Nurse
- WARD, DIANE, *Assistant Professor Education*
B.S., West Virginia University-Secondary Education/Science
M.A., Tennessee Technological University-Education/Instructional Leadership (2000)
- WARD, A. STEVEN, *Associate Professor of Chemistry*
B.A., West Virginia University-Chemistry
M.S., West Virginia University-Chemistry (1985)
- WEST, WILLIAM, *Associate Professor of Nursing*
A.S., Walters State Community College-Nursing
B.A., University of Tennessee-Psychology
M.S.N., University of Tennessee-Nursing (1998)
Registered Nurse
- WHALEY, CHRISTOPHER L., *Professor of Law/Dean, Social & Behavioral Sciences*
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)
- WILKERSON, BRYAN S., *Assistant Professor of Art*
B.F.A., University of Tennessee-Ceramics
M.F.A., University of Tennessee-Ceramics (1999)
- WILLIAMS, JESSE, *Assistant Professor of English, Coordinator, ORBC Learning Center*

B.A., East Tennessee State University-English
 M.A., Hollins University-Screenwriting/Film Studies
 M.F.A., Hollins University-Screenwriting and Film Studies (2006)

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)

WRIGHT, J. TODD, *Assistant Professor of Physical Education, Women's Basketball Coach*
 B.S., Lee University-Math Education
 M.S., University of Tennessee-Human Performance and Sports Studies (1999)

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

YAGER, KEN, *Dean, Business and Technology Division, Assistant Professor of Business*
 B.A., University of Tennessee-Liberal Arts
 M.S.-University of Tennessee-Education
 J.D.-Memphis State University College of Law-Law

YARNELL, REBECCA, *Associate Professor of Nursing*
 B.S.N., University of Tennessee-Nursing
 M.S.N., University of Tennessee-Nursing (1982)
 Registered Nurse

YOUNG, MARTIN, *Assistant Professor of EMT-Paramedic*
 B.A., Mississippi State University-Communications
 Licensed Tennessee State Paramedic

PROFESSOR EMERITUS

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

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

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

Melvin A. Kirkpatrick, *Professor Emeritus*
 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)

Frank (Pete) Charton, *Professor Emeritus*
 B.A., George Peabody College-Social Studies
 M.A., Michigan State University-Geography

Ph.D., Michigan State University-Geography (1972)

Wanda H. Manning, *Professor Emeritus*
 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)

FACULTY EMERITUS

Mabre M. Holder, *Faculty Emeritus (deceased)*
 B.S., Middle Tennessee State University-Business (Marketing)
 M.B.A., Middle Tennessee State University-Business (Marketing) (1974)

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

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

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

Rebecca (Becky) M. Howard, *Faculty Emeritus*
 B.S., North Carolina State-Mathematics
 M.A.M., North Carolina State-Mathematics (1968)

Barbara Phillips, *Faculty Emeritus*
 B.S., St. Bonaventure University-Math
 M.S., St. Bonaventure University-Mathematics Education (1973)

Anne S. Powers, *Faculty Emeritus*
 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)

Adjunct Faculty

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

ALLRED, TRACY, *Psychology*
 Ph.D., University of Louisville-Psychology (1999)

ANDREWS, REBECCA L., *Associate Professor of Business*
 M.S., Oklahoma State University-Accounting (1967)
 C.P.A., State of Tennessee

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

BALDWIN, ELAINE B., *Nursing*
 Ed.D., University of Tennessee (1993)

- BALLENGER, STEVEN, *Philosophy*
B.A., Columbia International University-Liberal and Religious Studies
M.DIV., Trinity Divinity School-Apologetics and Philosophy of Religion (1992)
- BARBER, CHARLES, *Music*
M.A., University of Tennessee - Music (1979)
- BARTH, ROBERT C., *Philosophy, Mathematics*
B.S., Union University-Mathematics
M.S., University of Tennessee-Mathematics Education (1978)
- BRASKI, DAVE, *MSC and Chemistry*
M.S., Virginia Polytechnic Institute-Metallurgical Engineering (1965)
- BREWSTER, MARYANN, *Writing*
M.A., Cumberland College-English (1985)
- BRIDGES, NANCY KAYE, *Education*
M.A., Trevecca Nazarene University – Education (1991)
- BROOKE, WILLIAM A., *Math/Physics*
M.S., Indiana University-Secondary Education (1971)
- BUCK, VELMA, *Mathematics*
M.A., Vanderbilt University-Mathematics (1968)
- BYRD, MARYELIZABETH, *Mathematics*
M.A., Union College-Secondary Education (1982)
- BYRNE, JANET O., *Education*
Ed.D., Vanderbilt University-Higher Education Administration (1989)
- BYRNE, THOMAS E., *Biology*
Ph.D., University of Tennessee-Botany, Microbiology (1984)
- CAPPS, SANDY, *English*
Ph.D., University of Tennessee-English Literature (1996)
- CARICO, ANGELA, *English*
M.S., University of Tennessee-Curriculum & Instruction (1994)
- CASTNER, MEG, *Politics*
M.A., Patterson College – Urban Education and Community Affairs (1977)
- CHAMBERS, WILMA, *Education*
M.E., University of Cincinnati – Child Development and Family Life (1989)
- CONLEY, DELLA, *Learning Strategies, Reading, Writing*
M.S., University of Tennessee-English Education (1986)
- COTTON, JAMES, *Law*
J.D., Memphis State University – Law (1980)
- CRAIG, LYLE, *Mathematics*
Ph.D., University of Tennessee-Mathematics (1996)
- CRAZE, LARRY, *Management*
M.S., University of Tennessee-Technological and Adult Education (1994)
- DAVIS, J.C., *History*
Ed.S., Tennessee Technological University-History (1982)
- DAVIS, MICHAEL, *Law*
J.D., Memphis State University – Law (1986)
- DENISON, BETTY N., *Mathematics*
B.A., Meredith College-Mathematics
M.R.E., Southwestern Baptist Theological Seminary-Religious Education (1972)
- DENISON, ROBERT, *Mathematics*
B.S., Texas Tech University-Physics/Math (1969)
- DERBY, ROGER, *Physics/Chemistry*
D.SC., Colorado School of Mines-Metallurgical Engineering (1968)
- DESJEAN, TOM, *Sociology*
M.A., University of Florida-Anthropology (1986)
- DICE, LOUISE, *Psychology*
M.S., Wayne State University – Social Work (1993)
- DUNAWAY, LOURDES, *Music*
M.A., Tennessee Technological University-Elementary Education (1988)
- DUNIGAN, JAMES, *Economics*
Ph.D., University of Tennessee-Geography (1969)
- DUNIGAN, FLORINDA, *Spanish*
M.A., Tennessee Technological University-Special Education (1977)
- ELEAZER, ALAN, *Music*
M.A., University of Tennessee-Music (1994)
- ELLEDGE, TIMOTHY, *Philosophy*
Ph.D., University of Tennessee-Philosophy (Medical Ethics) (2002)
- FARMER, WILLIAM M. (MIKE), *Accounting*
M.B.A., University of Tennessee (1976)
- FIELDS, ANNELLS, *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/Math (1967)
- GOFF, GARY, *Business*
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)
- GORE, J.R., *EMT Paramedic*
Licensed Tennessee State Paramedic
- GOSLEE, BRENDA, *Music*
M.M., University of Tennessee-Organ Performance (1988)

GRAY, SUE M., *Health Information Technology*
B.A., Stephens College-Health Information Management
R.R.A., Registered Record Administrator

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)

HIPKINS, VIOLA, *Elementary 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)

HOWARD, REBECCA M., *Mathematics*
M.A.M., North Carolina State-Mathematics (1968)

HUMPHREY, DENNIS, *Police Science*
J.D., Nashville School of Law-Law (1981)

HUSKINS, AMY, *Health & Physical Education*
M.A., Tennessee Technological University (1997)

IHDE, WILLIAM M., *Physics*
M.S., Massachusetts Institute of Technology-Electrical Engineering
(1948)

JEFFERS, JODI, *Mathematics*
M.M., University of Tennessee-Mathematics (1990)

JENKINS, ANTHONY, *Biology*
D.V.M., Auburn University (1968)

KEETON, LINDA, *Study Skills*
M.A., Tennessee Tech University-Reading (1973)

KING, CHRIS, *Criminal Justice*
M.A., Tennessee Technology University-Education (1993)

KNOX, JAMES M., *English*
B.S., Tennessee Technological University-Secondary Education, French
M.A., Tennessee Technological University-English (1978)

KRIES, CARL E., *Physical Education*
M.A., Union College-Education (1983)

LANDENBERGER, JILL, *Psychology*
M.A., Lesley University – Counseling Psychology (1996)

LAYTON, DON, *Law*
J.D., University of Tennessee Knoxville-Law (1972)

LEPLEY, DENNIS, *History*
M.A., Shippensburg University (1987)

LOGSDON, ANNA, *English*

M.A., University of Tennessee-English (2003)

LONGMIRE, TODD, *Politics*
J.D., Regent University of Virginia – History (1996)

MARLOW, LORETTA, *Physical Education*
B.S., Tennessee Technology University – Physical Education (1979)

MELTON, ROBIN, *Education*
M.S., University of Tennessee Knoxville – Reading Education (1982)

MERRIWEATHER, ROOSEVELT, *Chemistry*
B.S., Stillman College-Chemistry (1978)

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)

MITCHELL, ALICIA, *Learning Strategies, Reading and Writing*
M.A., Carson Newman-Curriculum and Instruction (1999)

MOORE, ALICE, *Health Information Technology*
B.S., Indiana University-Medical Record Administration (1967)

MORTON, ROBERT, *Physical Education*
M.S., University of Tennessee-Education Administration (1973)

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)

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

PETREE, DEBBIE, *Reading, Writing*
M.A., Tusculum College-Education (1995)

PHILLIPS, BARBARA, *Mathematics*
M.S., St. Bonaventure University-Mathematics Education (1973)

RUSSELL, MISSY BROWN, *Biology*
M.S., Tennessee Technological University-Administration (1996)

SCARBROUGH, VERA, *English*
M.A., Middlebury College-English (1987)

SIMONS, CHRISTINA, *English*
M.A., Southern Illinois University-English (1985)

SMITH, BILLY L., *Mathematics*
M.M., University of Tennessee-Mathematics (1974)

SMITH, CHARLES E., *Mathematics*
Ed.D., University of Tennessee-Educational Administration (1981)

STAMPS, JACQLINE, *Psychology*
M.A., Tennessee Technology University – Education Psychology
(1997)

STEVENS, CYNTHIA, *Music*

M.A., University of Tennessee-Vocal Performance (1991)

STULTS, DALLAS, *Physical Education*

M.S., University of Tennessee Knoxville – School Health Education (1973)

TABOR, JEWEL, *History*

Ed.S., University of Tennessee – Curriculum and Instruction (1995)

TERRY, DAN, *Physical Education*

B.S., Tennessee Technology University – Physical Education (1994)

TUFANO, MEG, *Philosophy*

M.A., Antioch University-Philosophy, Psychology and Religion (2000)

UPSHAW, GEORGIANA, *Reading, Writing*

M.S., Tennessee Technological University-Education (1980)

WILLIS, REBECCA, *Health Information Technology*

A.S., Medical Record Technology

WORKS, LARRY, *Psychology and Baseball*

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

YOUNG, MARK, *Geographic Information Systems*

M.S., Virginia Polytechnic Institute and State University-Forestry and Forest Products (1990)

Concluding Statements

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.

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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 offers employment and its programs of instruction to qualified persons regardless of race, color, creed, gender, national origin, disability, religion or age. Although sexual orientation is not included as a protected status under the law, the college is committed to equal employment and educational opportunities and applies this commitment to all aspects of recruitment, employment and education. 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.

RSCC is a TBR Institution and an AA/EEO Institution.

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