Admission Information
Roane State Community College - Radiologic Technology Program

The Radiologic Technology program at Roane State Community College is designed to provide the student with career opportunities in the field of radiology science. The college awards an Associate of Applied Science degree in Radiologic Technology and the student graduates with the knowledge and skills of a competent entry-level radiologic technologist. The general education courses for the Radiologic Technology program can be completed at any pace. Only students who have formally been admitted into the program can complete Rad Tech professional courses. A new cohort or class of students will begin only in the fall semester each year and the program is 22-months long. Admission is competitive. Generally, the top fifty students receive interviews, and thirty students are accepted into the program.

Applications:
All applicants for the Radiologic Technology program must first apply to Roane State, submit all required admissions documents, and be accepted by the college. Once accepted by the college, the student can complete the Health Sciences application online through his/her RaiderNet account. The deadline to apply is May 15th. Applications received after the May 15th deadline will NOT be considered. The student must reapply every year that they seek to be an applicant. Applications reopen during the Fall semester.

Transcripts:
Submit official copies of college transcripts from other institutions to RSCC by the May 15th deadline. Be diligent about checking the status in RaiderNet to ensure that your college transcripts have been received, evaluated, and courses posted.

Grades:
To be eligible for admission to the program, each applicant must achieve at least a 2.5 or better GPA in all general education courses required for the Radiologic Technology program. GPA is calculated using only the necessary general education courses. All of the required general education courses need a grade of "C" or better to apply to the program (see Rad Tech curriculum on page 2 or 9). A minimum of 9 credit hours from the general education list must be completed prior to the application deadline. Science courses must be taken within 5 years of the May 15th deadline; the program director may approve an exception on an individual basis with appropriate justification.

Advising:
It is recommended to contact an advisor during your first semester, talk with one of the Rad Tech program faculty, or attend a group advising session (dates are posted on the Rad Tech webpage).

Required General Education Courses for the Radiologic Technology Program

Complete the following general education courses for the Radiologic Technology curriculum.

Course Number	Course Title	Credit Hours	Notes
ENGL 1010	Composition I	3	
BIOL 2010	Anatomy/Physiology I Prerequisite to all 2000 level RADT courses	4	Must be taken within 5 years of application; exception must be approved by the program director
BIOL 2020	Anatomy/Physiology II Prerequisite to all 2000 level RADT courses	4	Must be taken within 5 years of application; exception must be approved by the program director
RADT 1200	Intro to Medical Imaging *Prior to Fall 2018, was ALH 103*	2	Taught online only at Roane State every semester May be completed after admission into the program
Math Elective[1]	Probability and Statistics Preferred (MATH 1530)	3	
Humanities Elective[2]	Intro to Ethics (PHIL 1040) preferred	3	See page 8 or the catalog for eligible classes in art, music, theater, and philosophy. If more than one is completed, the highest grade is applied to admission points
Social Studies Elective[3]	Introduction to Psychology or Lifespan Development Psychology (PSYC 1030 or PSYC 2130) preferred	3	See page 8 or the catalog for eligible classes in social studies. If more than one is completed, the highest grade is applied to admission points
	Total	20[4]	

[1]The preferred Math course is MATH 1530 (Probability and Statistics). Other possible MATH electives can be selected from: MATH 1130, 1530, 1630, 1720, 1730, 1830, and 1910

[2] Electives to be selected from: ARTH 1035, ARTH 2010, ARTH 2020, HUM 1010, MUS 1030, PHIL 1030, PHIL 1040, PHIL 2200, PHIL 2640, THEA 1030, any other ENGL Literature course* (ENGL 1020 is a prerequisite for literature courses)

[3]Electives to be selected from: ANTH 1130, ANTH 1230, ANTH 1430, ANTH 2150, ECON 2100, ECON 2200, GEOG 2010, INTL 1010, POLS 1010, POLS 1030, PSYC 1030, PSYC 2210, PSYC 2130, SOCI 1010, SOCI 1040, WELL 1010

[4] A minimum of 9 credit hours from the required general education electives with a grade of "C" or better must be completed prior to application.

Revised 08/2023

Admissions Point System

The admission point system uses a cumulative approach to the selection of the top 30 applicants. The following are the criteria utilized with the approximate percentage identified. All eligible applicants are ranked (based on criteria A-C) prior to interview notification and the top 50 are given the opportunity to interview. Applicant rankings are realigned with the addition of criterion E. Maximum points toward admission are 50.

A. **GPA (30%) - Cumulative point range 1-15 (max pts 15)**

2.50-2.599 = 1 pt	3.00-3.099 = 6 pts	3.50-3.599 = 11 pts
2.60-2.699 = 2 pts	3.10-3.199 = 7 pts	3.60-3.699 = 12 pts
2.70-2.799 = 3 pts	3.20-3.299 = 8 pts	3.70-3.799 = 13 pts
2.80-2.899 = 4 pts	3.30-3.399 = 9 pts	3.80-3.899 = 14 pts
2.90-2.999 = 5 pts	3.40-3.499 = 10 pts	3.90-4.000 = 15 pts

B. **Number of Gen Education Credit Hours Completed (4%) - Cumulative point range 0-2 (max pts 2)**
17+ gen ed credits completed = 2 pts
12-16 gen ed credits completed = 1 pt
< 12 gen ed credits completed = 0 pt

C. **Science and Math Grades (16%) - Cumulative point range 0-8 (max pts 8)**

RADT 1200 grade of A = 2 pts	BIO 2010 grade of A = 2 pts
RADT 1200 grade of B = 1pt	BIO 2010 grade of B = 1 pt
MATH grade of A* = 2 pts	BIO 2020 grade of A = 2 pts
MATH grade of B* = 1 pt	BIO 2020 grade of B = 1 pt

*See list of acceptable math courses in degree plan

D. **Interviews (50%) - Cumulative point range (max pts 25)**
The following categories will be used during the interview to rate the candidate:
- Professional appearance
- Communication skills
- Knowledge of profession and necessary skills
- Motivation related to patient care
- Achievement and response to feedback
- Work ethic and initiative
- Communication and teamwork

Interviews are scheduled in the first two weeks of June. Once the interviews are completed, e-mail notifications are sent to RaiderNet accounts. Applicants receiving an e-mail must respond to indicate acceptance of their position in the program within five calendar days. Failure to reply will result in losing the position. Alternates will be notified only if a position in the class needs to be filled. The alternate with the highest point total will be called first and so on until the class is filled. Applicants not obtaining admission will need to reapply the following year. The number of students accepted into the program may vary from year to year based on the job market and number of available clinical sites. Please note that the above point system is only for the current applicant pool.

Admissions Sequence of Events List

Prior to May 15th

1. Complete an online RSCC general application & required health forms.
2. Submit high school and college transcripts from other institutions by deadline to RSCC.
3. Submit an online Health Sciences Application in RaiderNet by May 15th deadline.
4. Complete at least 9 credit hours of the required general education courses (at a minimum).
5. Recommended attendance to a group advising session (2 offered per year).

May 15th – First Week of June

Steps for Ranking Eligible Applicants:
- GPAs are calculated for eligible applicants.
- Applicant files are viewed by the program director.
- Admission points are assigned based on published criteria.
- Up to top 50 applicants will be invited to interview based on preliminary point rankings. Final rankings following the interview component will determine the class selection.

Second week of June to Mid-June

Steps for Ranking Interviewees:
- Interviews conducted by admission interview committee.
- Interview points added to preliminary points.
- Applicants listed from highest to lowest cumulative points.
- Top 30 applicants identified for admission opportunity.
- Accepted students are voted on by the Health Sciences Admissions Committee.
- **Notification of status (acceptance or denial) will be sent through RaiderNet e-mail.** If notified of program acceptance, a student will have 5 calendar days to electronically accept the offer. Failure to respond by the deadline will result in forfeiture of position in the incoming class. Status e-mails are expected to be sent by the end of the second week of June.
- Adjustments made on acceptance pool based on electronic confirmations.
- Final class selected.
- Applicants who are not admitted and choose to reapply for the next academic year must resubmit a new online Health Sciences Application in RaiderNet.

End of June to Mid-July

- Mandatory orientation with selected class.

General Program Information

The radiographer is a healthcare professional that performs radiographic procedures that provide information to assist in the diagnosis and treatment of the patient. The radiographer also assumes professional responsibility for minimizing the public's exposure to ionizing radiation, thereby observing the American Registry of Radiologic Technologists (ARRT) Code of Ethics.

The Roane State Associate of Applied Science Degree Program in Radiologic Technology (A.A.S.) consists of five semesters of full-time study, which includes supervised clinical coursework in a diagnostic hospital based radiology department. There are no evening or weekend didactic classes. However, in the second year of the program, students are required to complete four weeks of evening shift clinical. The program is affiliated with 17 area hospitals. Students may be assigned to various clinical sites during their 22 months of clinical coursework.

Accreditation

The Radiologic Technology Program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT) 20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-3182; (312) 704-5300; JRCERT webpage. The program of study consists of a curriculum implemented in accordance with the Standards for an Accredited Educational Program in Radiologic Sciences published by the JRCERT. A copy of the publication is available to students and the public on the JRCERT's website.

Programmatic accreditation by the JRCERT is considered the gold standard. Programmatic accreditation ensures academic excellence as well as clinical excellence in all areas of the educational program. JRCERT accreditation also ensures safety for students, staff, and the public. In June 2014, the program received an accreditation award for a period of eight years. The next site visit is scheduled for April 2022.

MRI Environment

Students in the Radiologic Technology program may potentially have access to a MRI environment. Therefore, all students will be appropriately screened for magnetic or radiofrequency hazards prior to entering the clinical environment. All program students will complete a MRI screening form, to be evaluated prior to clinical rotations to determine if any ferromagnetic objects or devices are present within or on them. Should a student's status change while enrolled in the program, he/she must report this to program officials immediately.

Nondiscrimination Statement

The Radiologic Technology program at RSCC offers the opportunity for training to all qualified persons regardless of race, color, creed, gender, national origin, disability, religion or age. The institution complies with Titles VI, VIII and XI, the American Disability Act, the Rehabilitation Act of 1973, and all other federal, state, and local statues.

ADA Statement

In compliance with the Americans with Disabilities Act, students are encouraged to register with the counseling/disability services office for possible assistance with accommodations. It is the student's responsibility to voluntarily and confidentially provide appropriate documentation regarding the nature and extent of a disability. Students requesting special accommodation are (strongly) encouraged to contact the counseling/disability services office at the beginning of the semester.

Rad Tech Program Approximate Costs

The college shall assess and collect prevailing rates for tuition and application as outlined in the college catalog, course schedules and website. Policies governing student withdrawal and refunds of tuition, fees, etc., shall be consistent with those of Roane State Community College.

The student is responsible for all costs incurred relative to travel to and from clinical assignments, uniforms required for clinical rotations, lead film identification markers, dosimeters, supplies, textbooks, etc. Transportation to and from the clinical assignment is the sole responsibility of the student. Roane State does not assume liability for personal injury or property damage incurred during travel to and from these facilities.

Liability insurance coverage is required for students in the Radiologic Technology Program. Group liability insurance coverage is purchased in conjunction with registration for radiologic technology courses.

Estimate of Additional Program Costs 2023 – 2024
These costs are estimates beyond normal tuition rates.

Additional Program Costs	Costs or Fee
Textbooks *Does not include general education textbooks*	$450 the first semester and $100-200 each additional semester (total of ~$1,000)
Uniforms and Shoes	$300
Uniform Patches	$15
Clinical Liability Insurance	$15 per year
BLS Certification	$50
Physical/Blood Tests	$150-200
Hepatitis B vaccination	$125
Background Check and Drug Screen	$100
Radiation Dosimeters	$80
ARRT Registry Application	$225
Estimate of Total Additional Program Costs	**$2,110**

* Other costs: Students assume the cost of transportation, parking, meals, and medical coverage for injury or illness. Fees are subject to change without notice.

Frequently Asked Questions

1. When can I begin taking courses?
General education courses required for the AAS Degree in Radiologic Technology may be taken before admission to the Rad Tech program. These courses are listed in the current college catalog under Radiologic Technology and on page 2 and 12 of this packet. The catalog can be accessed on the main RSCC web page. Professional Rad Tech courses cannot be taken without first being admitted into the program. A minimum of 9 credit hours of the required general education courses must be completed prior to the May 15th application deadline. Courses completed at a college other than RSCC will only be considered if the official college transcript is submitted to the RSCC Admissions and Records Office AND evaluated before the published application deadline.

2. What grading system is used in the program?
In order to continue in the Radiologic Technology Program, students must earn a "C" or higher in each radiologic technology course and each general education course. The grading scale for all core RADT radiologic technology courses is as follows:

- A = 93-100
- B = 85-92
- C = 75-84
- D = 70-74
- F = Below 69
- I = Incomplete

3. Will I be participating in hospital clinical education as part of my course work?
Students will be participating in unpaid clinical education throughout the program, which requires students to be at the hospital for 8.5 hours each scheduled clinical day. During clinic, students perform radiographic procedures on real patients with the guidance of registered technologists while working with other students, physicians, and various healthcare professionals. Students deal with blood and body fluids, surgical procedures, trauma, portable procedures as well as routine radiography and will move and transport patients, which includes heavy lifting and reaching.

4. What are the physical qualifications essential for success in clinical coursework for the program?
Applicants should self-assess to determine if they can meet the following general standards:

- have normal or corrected visual and audio acuity (to ensure patient safety)
- lift, move, and push bulky as well as very heavy equipment
- move equipment such as overhead tubes, wheelchairs, and stretchers
- bend or stoop to lift radiographic cassettes
- be able to stand for extended hours during surgical procedures
- possess interpersonal skills necessary for working with a diverse population of patients

5. What are the clinical education requirements?
The faculty shall review with the applicant requirements regarding clinical instruction, rotation schedule, and travel requirements. Mandatory criminal background checks and routine drug screening became effective for all students in allied health programs in all Tennessee Board of Regents institutions in Fall 2005. Faculty provides information that is more detailed to applicants upon acceptance to the program. The results of the criminal background could lead to a student being denied access to clinical rotations, which would make completion of practicum/program objectives impossible. Criminal background results may also present concerns with regards to eligibility for the ARRT certification exam and subsequent employability.

Once admitted into the Radiologic Technology Program, students are required to submit documentation for the following clinical requirements prior to the first day of clinical assignment. If the documentation is not completed on time, students will not be permitted to go to clinic and may be forced to withdraw from the program.
  a) Health Requirements: All radiologic technology students must submit evidence of good health by returning a completed *Physical Examination* form. Forms are given to the student upon acceptance to the program. All students must have a:
      a. Documented recent negative TB skin test or negative chest x-ray.
      b. Evidence of immunity for:
            i. MMR vaccine and booster
            ii. Varicella Zoster (chicken pox); (positive titer or date of disease)

           iii.   Tdap
           iv.   Hepatitis B vaccine or documentation of the start of the series (documentation of each sequential dose must be submitted until the series is complete)
           v.   Influenza vaccine

b) Basic Life Support (BLS) Requirements: All students must submit evidence of current Basic Life Support (BLS) certification compliant with the American Heart Association (AHA) guidelines. Roane State Community College, healthcare organizations, or the AHA offers BLS certification classes. This documentation must remain current for the entire twenty-two months in the program.

c) Liability insurance is required for all radiology clinical practicum courses. A group policy is available. The fee is assessed annually as a part of the registration fees.

d) Health insurance is strongly recommended and required by some clinical affiliates.

e) Criminal background checks and drug screening are required by affiliate clinical sites as a condition of participation in clinical education. Based on the results of these tests, any affiliated clinical site may determine to not allow the student at their facility. Denial of clinical access could result in the inability to successfully complete the clinical requirements of a specific course and the program. More information is available from the program director.

f) Complete in-service and/or facility orientation required by individual clinical affiliates as a condition of participating in clinical rotations. This may include a combination of sessions and/or electronic/online tutorials.

g) Students in health science programs may be required to obtain additional vaccinations as clinical agencies adopt and implement new requirements, respond to periodic recommendations from the Centers for Disease Control or area health departments, etc. All such vaccinations will be at the expense of the individual student. Any student who refuses to be immunized will have the option of following the alternative processes allowed for agency employees, if available (i.e., wearing protective masks 100% of the time while at a clinical facility). A clinical site may determine to not allow a student at their facility if vaccine requirements are not met. Faculty makes every effort to provide students with current information to make informed decisions regarding safety for themselves and patients.

6. How many hours a week will I be in class and clinic?

First year students will be enrolled in various RADT didactic classes/labs anytime between 8 a.m. and 5:00 p.m. on Monday, Wednesday, and Friday on the Oak Ridge Branch Campus. There are no weekend RADT classes. Clinical hours are Tuesday and Thursday from 8:00 a.m. to 4:30 p.m. at most clinical sites.

Second year students will be enrolled in various RADT didactic classes anytime between 8 a.m. and 5:00 p.m. on Tuesday and Thursday. Clinical hours are Monday, Wednesday and Friday from 8:00 a.m. to 4:30 p.m. at most clinical sites. There are four weeks of evening clinic required, but no weekend clinic. There is one full-time week of clinic intersession the second week of May during the summer semester (Monday thru Friday: 8 a.m. to 4:30 p.m.). *In no event will a student be required to spend more than 40 hours a week in the classroom or clinic. If a student needs to make-up missed clinic time, it can be completed during finals week at the end of the semester. However, if the student chooses, the student can make-up time during the semester after regularly scheduled clinical time is over.*

7. Where will I be assigned for my clinical coursework?

The program makes every effort to assign you to a hospital setting closest to your residence. However, assignments are made based on available space and cannot be guaranteed. Often, students must commit to driving varying distances once accepted into the program. Below is a list of the 17 clinical affiliates that the RSCC Rad Tech program has an affiliation agreement established along with the mileage to each location from the Oak Ridge Branch RSCC campus:

Big South Fork Medical Center 18797 Alberta Street Oneida, TN 37841 57.7 miles	Methodist Medical Center of Oak Ridge 990 Oak Ridge Turnpike Oak Ridge, TN 37831 1 mile
Blount Memorial Hospital, Inc. 907 East Lamar Alexander Parkway Maryville, TN 37804 30.4 miles	Morristown-Hamblen Hospital/Healthcare System 908 West Fourth North Street Morristown, TN 37814 73.7 miles
Cookeville Regional Medical Center 1 Medical Center Boulevard Cookeville, TN 38501 88.6 miles	North Knoxville Medical Center 7565 Dannaher Drive Powell, TN 37849 21.4 miles
Cumberland Medical Center 421 South Main Street Crossville, TN 38555 55 miles	Parkwest Medical Center 9352 Park West Boulevard Knoxville, TN 37923 14.2 miles
East Tennessee Children's Hospital 2018 West Clinch Avenue Knoxville, TN 37916 24.5 miles	Roane Medical Center 8045 Roane Medical Center Drive Harriman, TN 37748 24.4 miles
Fort Loudoun Medical Center 550 Fort Loudoun Medical Center Drive Lenoir City, TN 37772 22.7 miles	Starr Regional Medical Center 1114 West Madison Avenue Athens, TN 37303 60 miles
Fort Sanders Regional Medical Center 1901 West Clinch Avenue Knoxville, TN 37916 24.4 miles	Sweetwater Hospital Association 304 Wright Street Sweetwater, TN 37874 46 miles
LaFollette Medical Center 923 East Central Avenue LaFollette, TN 37766 35.6 miles	Turkey Creek Medical Center 10820 Parkside Drive Knoxville, TN 37934 13.8 miles
LeConte Medical Center 742 Middle Creek Road Sevierville, TN 37862 54.9 miles	

8. When will I know if I have been accepted into the Radiologic Technology Program?
Prospective students will receive an e-mail from the Health Sciences Admissions Coordinator to their RaiderNet account by the end of May to inform them if they ranked high enough for an interview. If informed that they have been selected for an interview, the student must respond to the e-mail within 5 calendar days. Interviews should occur during the first two weeks of June. After interviews have been completed, final acceptance e-mails will be sent mid-June.

9. What can I do to enhance my chances of being accepted into the Rad Tech program?
Since points are awarded for high GPA's and for grades of A and B in Math and Science courses, chances of being accepted are enhanced if a student attains a high GPA and achieves A's and/or B's in Anatomy and Physiology I and II, Intro to Med Imaging, and Math.

10. *Does the program keep a "waiting list"?*
No. Each student must reapply every year.

11. Does the RSCC Rad Tech program accept transfers from another TBR institution's Rad Tech Program?
Information concerning students wishing to transfer to RSCC from other recognized TBR institutions of higher education is provided under the Admissions information in the current edition of the college catalog. Official transcripts from colleges/universities are reviewed by RSCC admissions officials and/or the campus Registrar.
1. Students can only be admitted into the Rad Tech program if there is "clinical space available". The specific number of students assigned to the program's recognized clinical education sites are dictated by JRCERT based upon supervision ratios.
2. Students must submit a signed letter stating their reason for requesting a transfer. Students must request two letters of recommendation, one from their current or former radiography program director and another from their current or former clinical instructor/clinical coordinator. This information should also include evidence of completed clinical competencies, copies of all completed Rad Tech course syllabi, and be sent directly to the RSCC Rad Tech Program Director from the individuals listed above.
3. After receiving all requested documentation, students will be asked to meet with the program's admissions committee for an interview.

12. What is the Rad Tech program's grievance policy or procedure?

Rad Tech Program Grievance Procedure
Any grievance related to the RADT Program in general must be submitted in writing to the program director during the semester in which the grievance is perceived by the student. The program director will respond to the grievance in writing within five working days. If the program director's response fails to resolve the grievance or complaint, the student may file a [Student Complaint Form](#) in writing within 30 days of the incident to the Dean of Students. The Dean will investigate the complaint, consulting with other RSCC personnel as needed, and notify the student of the outcome within 10 days. If the student is not satisfied with how the Dean of Students has tried to resolve the issue, the student may be heard by the Vice President of Student Learning and/or the Vice President of Student Services and Enrollment Management.

If the student has other complaints not resolved by RSCC, they may follow the information below regarding the Tennessee Board of Regents (TBR) student complaint procedures. Students or prospective students who wish to file a complaint not resolved at the institution may submit a Student Complaint Form to the Tennessee Board of Regents at 1415 Murfreesboro Road, Suite 340, Nashville Tennessee 37217, or by going online and filling out the form electronically.

No person (employee or student) shall retaliate or discriminate against a student because of the filing of a grievance or complaint. In addition, no person (employee or student) shall coerce a student or interfere with the action of a student in the student's attempt to file a grievance or complaint.

Resolution of Allegations of Non-Compliance of JRCERT Standards
The Radiologic Technology Program will respond to any complaint or allegation of non-compliance with the Standards for an Accredited Educational Program in Radiologic Sciences or JRCERT policies in a timely and appropriate manner. The program will investigate the allegation(s) and respond to the JRCERT as directed. This response will include a written report as well as any necessary documentation. The program will take any necessary measures to assure that the complaint or allegation has been resolved.

JRCERT standards are listed in the Program Policy Manual (distributed upon admission to the program) and posted in the radiologic technology laboratory on campus. A copy of the publication is also available to students for review in faculty offices and online: JRCERT Standards.

Radiologic Technology (RADT) Degree Plan
Associate of Applied Science

General Education Requirements

Radiologic Technology – 1 course (2 credits)
RADT 1200   Introduction to Medical Imaging

Communication – 1 course (3 credits)
ENGL 1010   Composition I

Humanities/Fine Arts – 1 course (3 credits)
ART 1035   Introduction to Art
ART 2000   Art History Survey I
ART 2020   Art History Survey II
HUM 1010   Early Humanities
MUS 1030   Introduction to Music
THEA 1030   Introduction to Theatre
PHIL 1030   Introduction to Philosophy
PHIL 1040   Introduction to Ethics
PHIL 2200   Introduction to World Religions
PHIL 2640   Science and the Modern World
Any other ENGL Literature course*
          *(ENGL 1020 is a prerequisite)

Mathematics – 1 course (3-5 credits)
MATH 1130   College Algebra
MATH 1530   Probability and Statistics
MATH 1630   Finite Mathematics
MATH 1720   Precalculus Trigonometry
MATH 1730   Pre-Calculus
MATH 1830   Applied Calculus
MATH 1910   Calculus I

Natural Science – 2 courses (8 credits)
BIOL 2010   Human Anatomy and Physiology I*
BIOL 2020   Human Anatomy and Physiology II*

Social/Behavioral Science – 1 course (3 credits)
ANTH 1130   Introduction to Physical Anthropology
ANTH 1230   Introduction to Cultural Anthropology
ANTH 1430   Introduction to Prehistoric Archeology
ANTH 2150   Native American Studies
ECON 2100   Principles of Macroeconomics
ECON 2220   Principles of Microeconomics
GEOG 2010   World Regional Geography
INTL 1010   Introduction to Global Studies
POLS 1010   Introduction to Political Science
POLS 1030   American Government
POLS 2025   State and Local Government
PSYC 1030   Introduction to Psychology
PSYC 2210   Biological Basis of Behavior
PSYC 2130   Lifespan Development Psychology
SOCI 1010   Introduction to Sociology
SOCI 1040   Social Problems
WELL 1010   Lifetime Wellness

RADT Courses to be Completed after Acceptance

FIRST YEAR

Fall Semester
RADT 1215   Intro to Radiography – 2 cr.
RADT 1210   Radiographic Image Critique I – 2 cr.
RADT 1260   Radiographic Practicum I – 2 cr.
RADT 1330   Radiographic Procedures I – 3 cr.
RADT 1385   Radiographic Equip Operation – 3 cr.

Spring Semester
RADT 1235   Radiographic Image Critique II – 2 cr.
RADT 1270   Radiographic Practicum II – 2 cr.
RADT 1340   Radiographic Procedures II – 2 cr.
RADT 1390   Principles of Image Acquisition – 3 cr.
RADT 1220   Rad Biology and Safety – 2 cr.

Summer Semester
RADT 2250   Radiographic Practicum III – 2 cr.
RADT 2115   Radiographic Image Critique III – 1 cr.
RADT 2330   Radiographic Procedures III – 3 cr.
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SECOND YEAR

Fall Semester
RADT 2370   Radiographic Practicum IV – 3 cr.
RADT 2335   Radiographic Procedures IV – 3 cr.
RADT 1380   Radiation Physics – 3 cr.
RADT 1250   Radiographic Digital Imaging – 2 cr.

Spring Semester
RADT 2380   Radiographic Practicum V – 3 cr.
RADT 2250   Advanced Patient Care – 2 cr.
RADT 2385   Radiographic Capstone – 3 cr.
RADT 2210   Radiographic Pathology – 3 cr.
RADT 2295   Radiographic Seminar – 2 cr.

Total Degree Credits = 75

*General education course are Prerequisites to all 2000 level RADT courses.

Roane State Community College Radiologic Technology Program
Mission Statement, Program Goals, and Student Learning Outcomes

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Program Mission

The RSCC Radiologic Technology Program's mission is to provide students with educational opportunities designed to meet the health care needs of its communities by producing competent graduates dedicated to safe patient centered care, professionalism, and lifelong learning.

Program Goals and Student Learning Outcomes

The Radiologic Technology Program has established goals and student learning outcomes in accordance with Joint Review Committee on Education in Radiologic Technology Standards. The program establishes benchmarks and utilizes a variety of tools to assess whether student learning outcomes are achieved. Tools include, but are not limited to, student assignments, exams, laboratory assignments, the clinical performance evaluation form, as well as employer, graduate, and exit surveys.

Goal 1: Students will demonstrate clinical competency.

Student learning Outcomes: Students will apply appropriate positioning skills.
Students will practice/apply appropriate radiation protection.
Students will select appropriate technical factors.

Goal 2: Students will demonstrate effective communication skills.

Student learning Outcomes: Students will demonstrate effective verbal communication skills with patients and healthcare staff.
Students will demonstrate effective written communication skills with patients and healthcare staff.

Goal 3: Students will develop clinical judgement and problem-solving skills.

Student learning Outcomes: Students will demonstrate the ability to make decisions and use independent judgment.
Students will exercise clinical judgment when performing medical imaging procedures.
Students will be able to adapt patient positioning, projections, and technical factors based on patient condition.

Goal 4: Students will exhibit professional behaviors.

Student learning Outcomes: Students will understand the importance of professional growth and continuing education.
Students will display professional behaviors in the clinical setting.

Radiologic Technology Program Effectiveness Data

The performance of the Radiologic Technology program is reflected through program effectiveness data as defined by the Joint Review Committee on Education in Radiologic Technology (JRCERT) (20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-3182, 312-704-5300). Questions about program effectiveness data should be directed to the Program Director, Julie Hall (Hallja3@roanestate.edu). The following is the most current program effectiveness data. Our programmatic accreditation agency, the JRCERT, defines and publishes this information directly to the JRCERT webpage.

Credentialing Examination: The number of students who pass, on the first attempt, the American Registry of Radiologic Technologists (ARRT) certification examination, or an unrestricted state licensing examination, compared with the number of graduates who take the examination within six months of graduation. The five-year average benchmark established by the JRCERT is 75%.

Credentialing Examination Rate	Number passed on 1st attempt divided by number attempted within 6 months of graduation
Year	**Results**
Year 1 - 2018	31 of 33 – 94%
Year 2 - 2019	28 of 28 – 100%
Year 3 - 2020	26 of 26 – 100%
Year 4 - 2021	26 of 28 – 93%
Year 5 - 2022	26 of 26 – 100%
Program 5-Year Average	**137 of 141 – 97%**

Job Placement: The number of graduates employed in the radiologic sciences compared to the number of graduates actively seeking employment in the radiologic sciences within twelve months of graduating. The five-year average benchmark established by the JRCERT is 75%.

Job Placement Rate	Number employed divided by number actively seeking employment within 12 months of graduation
Year	**Results**
Year 1 - 2018	28 of 29 – 97%
Year 2 - 2019	27 of 27 – 100%
Year 3 - 2020	25 of 25 – 100%
Year 4 - 2021	25 of 25 – 100%
Year 5 - 2022	26 of 26 – 100%
Program 5-Year Average	**131 of 133 – 99.3%**

Program Completion: The number of students who complete the program within the stated program length. The annual benchmark established by the program is 80%. Non-academic attrition is excluded.

Program Completion Rate	Number graduated divided by number started the program
Year	**Results**
Year 1 - 2022	25 of 26
Annual Completion Rate	**96%**