



Rev. 10/18

Dear Radiologic Technology Applicant:

Thank you for your interest in the Associate of Applied Science Degree in Radiologic Technology. The Radiologic Technologist is a health science professional that combines an in-depth knowledge of human anatomy with patient care procedures. With proficient utilization of medical imaging equipment, the technologist produces diagnostic images of the human body with minimum radiation exposure and discomfort to the patient.

Radiologic Technology - Health Sciences A.S.: Students interested in one of Vol State's Health Sciences programs must follow the A.S. in Health Sciences curriculum. You must contact an advisor in your preferred area of emphasis to identify appropriate general education and elective courses for admission into your selected program. For more information about specific program deadlines and requirements, please refer to page three of the radiologic technology program's information packet.

About the Program: Students interested in the radiologic technology program will declare Health Sciences as the major and should follow the recommended schedule of courses. Once formally admitted into the program, the major will be changed to Radiologic Technology. The Radiologic Technology Program is five semesters of full-time study. It includes didactic classroom courses as well as extensive clinical laboratory experience in departments of radiology at participating clinical affiliates. Program officials determine clinical site assignments. Clinical sites are located throughout middle Tennessee up to 100 miles from the Gallatin campus. Each student is responsible for their own transportation to class and to the assigned clinical sites.

The program is designed to develop compassionate and competent professional radiographers. After acceptance into the program, the student begins full time in the fall semester. Didactic classes are taught only on the Gallatin campus and clinical education is performed at one of the many clinical affiliate hospitals throughout middle Tennessee up to 100 miles from the Gallatin campus. Fall and spring semester clinical hours alternate with the classroom schedule Monday through Friday. The summer between the first and second year consists of 32 clinical hours per week. Clinical hours are typically 7:30 am – 4:00 pm. Training and experience are provided in routine and special radiographic imaging procedures. Program faculty will determine clinical site assignments. Each student is responsible for their own transportation to class and to the assigned clinical sites.

Enrollment and Application Information: The program adheres to the College's equal opportunity policy and has limited enrollment. The class size is limited to 30 students per year. The Radiologic Technology Program, like many other health science programs, is a selective, limited-access admissions program. Applicants must meet specific criteria to qualify for the selection process and interview. Students who qualify are granted an interview in late May. To qualify for an interview, please refer to the attached Pre-Rad Student Checklist.

Applicants are selected for admission based on the (1) grade point average (GPA) in the required general education courses (see Checklist), (2) the BIOL 2010 grade, (3) the strength of the three reference forms, and (4) the interview score. The applicant earns admissions points from each of these categories. The thirty applicants with the highest total number of admission points are granted provisional acceptance and are required to successfully (at the student's expense): (1) pass a Criminal Background Check, (2) pass a urine drug screen, and (3) complete and submit all pre-clinical requirements to be granted formal acceptance. The Background Check, drug screen and some medical screenings may be required annually. Students in the program are required to maintain an 80% average in each Radiologic Technology (RAD) course to continue in the program. Each RAD course must be taken in sequence.

To provide appropriate care to patients, all radiography students should be able to:

- Clearly communicate, both verbally and in writing with the patient, family, and co-workers to disseminate information relevant to patient care and work duties. Both speaking and hearing clearly are essential to quality patient care.
- Make appropriate judgment decisions and implement critical thinking skills in an emergency or where a situation is not clearly governed by specific guidelines.
- Reach, manipulate, and operate medical imaging equipment to include pushing heavy portable x-ray machines.
- Move, lift, transfer, manipulate, and observe a patient for imaging exams.
- Visually assess patients as needed for their comfort and safety.
- Demonstrate emotional stability on a routine basis and function independently in routine and/or stressful situations.

If you have additional questions, please contact one of the program faculty listed below.

Mr. Jesse Pennington, M.S.A.H., R.T. (R)(CT)(ARRT)
Program Director
(615) 230-3342
Jesse.pennington@volstate.edu

LuAnn Buck, B.S.A.H., R.T. (R)(ARRT)
Instructor
(615) 230-3651
luann.buck@volstate.edu

Lindi Boyd, B.S.R.S., R.T. (R)(M)(ARRT)
Clinical Coordinator/ Instructor
(615) 230-3295
lindi.boyd@volstate.edu

Information Sessions: Students are strongly urged to attend an information session. Dates for information sessions and additional program information can be found on the [Rad Tech website](https://www.volstate.edu/academics/health-sciences/radtech) <https://www.volstate.edu/academics/health-sciences/radtech>

Program Accreditation: The program is fully accredited by the [Joint Review Committee on Education in Radiologic Technology \(JRCERT\)](https://www.jrcert.org/), 20 North Wacker Dr., Suite 2850; Chicago, IL 60606-3182; Phone 312.704.5300; Fax 312.704.5304. Email the JRCERT at mail@jrcert.org. Visit the JRCERT web site <https://www.jrcert.org/>

Certification: Graduates may apply for the national certification examination with the [American Registry of Radiologic Technologists \(ARRT\)](http://ARRT.org) <http://ARRT.org>

Program Mission Statement:

The Mission of the Radiologic Technology Program at Volunteer State Community College is to produce entry-level graduates that are competent technologists, registry eligible, and demonstrate a professional concern for their patients.

Volunteer State Community College Radiologic Technology Program Student Checklist

- 1) Complete all College Admission criteria. Visit [Vol State Admissions - volstate.edu/Admissions](https://www.volstate.edu/Admissions)
Students interested in the radiology program will declare Health Sciences as the major and should follow the recommended schedule of courses. Once formally admitted into the program, the major will be changed to Radiologic Technology.
- 2) Successful completion of co-requisite courses (**if required**) as determined by the ACT and/or placement test scores. Visit [Vol State Testing Center - volstate.edu/testing](https://www.volstate.edu/testing).
- 3) Complete the Radiology Program Application (the last page of the information packet) no later than April 1st and submit to the program faculty located in the Radiologic Technology Program Suite.
- 4) **Have three reference forms completed and received** by the Program office, no later than May 1st. Reference forms are located in the *Information Packet* located on the Radiology Web site: <https://www.volstate.edu/academics/health-sciences/radtech>
- 5) Complete **all general education courses** required for the Associate of Applied Science Degree in Radiologic Technology as listed below and **maintain a minimum 3.0 GPA** in these courses. Visit the [Vol State Academic Catalog - https://catalog.volstate.edu/](https://catalog.volstate.edu/) for more information.
- 6) All Vol State students must successfully complete Computer Applications INFS 1010 or pass the computer competency exam prior to the May interview process. For additional information, visit the [Computer Literacy Webpage - https://www.volstate.edu/computerliteracy](https://www.volstate.edu/computerliteracy)

Category / Course	Credit Hours
• AHC 104 - Introduction to Radiologic Technology	1
• AHC 115 - Medical Terminology	3
• BIOL 2010 & 2010L - Human Anatomy & Physiology I & Lab	4
• BIOL 2020 & 2020L - Human Anatomy & Physiology II & Lab	4
• ENGL 1010 - English Composition I	3
• MATH 1530 (or higher) - Probability	3
• Humanities/Fine Arts (one of the following):	3
ART 1030 - Introduction to Art	ENGL 2310 - Survey of World Literature I
ARTH 2010 - Survey of Art History I	MUS - Music Appreciation
ARTH 2020 - Survey of Art History II	PHIL 121 - Ethics
ENGL 1030 - Intro. to Film	PHIL 1030 - Intro. to Philosophy
ENGL 2010 - Intro. to Poetry and Drama	THEA 1030 - Intro. to Theater
• Social / Behavioral Sciences (one of the following):	3
ECON 2010 - Macroeconomics	GEOG 1030 - Cultural Geography
ECON 2020 - Microeconomics	GEOG 2010 - World Regional Geography
EDU 2200 - Educational Psychology	HED 100 - Personal Health
GEOG 101 - Physical Geography	HED 110 - Community Health
HED 120 - Introduction to Wellness	PSYC 1030 - General Psychology
HED 200 - First Aid and Safety	PSYC 2120 - Social Psychology
POLS 110 - Intro. to Political Science	PSYC 2130 - Life Span Psychology
POLS 1030 - American Government	SOC 1010 - Intro. to Sociology
POLS 2010 - State and Local Government	SOC 1020 - Social Problems

Sample Semester by Semester Course Sequence: The Student will follow the Health Sciences major course schedule until formally admitted into the radiology program.

Fall (General Education Courses for Health Sciences major)	Credit Hours
AHC 115 - Medical Terminology	3
BIOL 2010 - Human Anatomy & Physiology I	4
BIOL 2010L - Human Anatomy & Physiology I Lab	0
ENGL 1010 - English Composition I	3
MATH 1530 - Probability & Statistics	3
13 total credit hours	

Spring (General Education Courses for Health Sciences major)	Credit Hours
AHC 104 - Introduction to Radiologic Technology	3
BIOL 2020 - Human Anatomy & Physiology II	4
BIOL 2020L - Human Anatomy & Physiology II Lab	0
Humanities / Fine Arts (See List Above)	3
Social / Behavioral Sciences (See List Above)	3
INFS 1010 - Computer Applications*	3
*or pass the Computer Competency Exam (CCE)	14 total credit hours

Formal Admission: Formal admission into the Radiology Program is required prior to registering for the following courses:

Fall Semester - 12 Total Credit Hours	Credit Hours
RAD 110 - Patient Care	3
RAD 111C - Clinical Education I	3
RAD 120 - Positioning and Procedures I	3
RAD 231 - Principles of Radiographic Exposure (PRE) I	3

Spring Semester - 12 Total Credit Hours	Credit Hours
RAD 112C - Clinical Education II	3
RAD 121 - Positioning and Procedures II	3
RAD 220 - Radiographic Pathology	3
RAD 232 - Principles of Radiographic Exposure (PRE) II	3

Summer Semester - 3 Total Credit Hours	Credit Hours
RAD 113C - Clinical Education III	3

Fall Semester - 12 Total Credit Hours	Credit Hours
RAD 122 - Positioning and Procedures III	3
RAD 200 - Radiographic Image Evaluation	3
RAD 111C - Clinical Education IV	3
RAD 221 - Radiographic Physics II	3

Spring Semester - 12 Total Credit Hours	Credit Hours
RAD 212C - Clinical Education V	3
RAD 121 - Radiographic Physics II	3
RAD 240 - Registry Preparation	3
RAD 232 - Principles of Radiographic Exposure (PRE) II	3

Frequently Asked Questions

- 1. What will the program prepare me to do?** Graduates of the program are eligible to sit for the national certification examination administered by the American Registry of Radiologic Technologists.
- 2. When are students admitted to the program?** Interviews take place each year in May, classes begin in the fall.
- 3. When is notification given of acceptance or non-acceptance to the program?** Each interviewee will be sent a status notification email in early June directly from the program office.
- 4. Does the program keep a “waiting list?”** No.
- 5. If I have all of the general education courses completed, will it still take two full years?** The Program requires five semesters as a full time radiology student (including summer) for completion.
- 6. 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. During clinics, students perform radiographic procedures on real patients with the guidance of Registered Technologists while working with other students, physicians, and other 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/reaching. Clinical sites are located throughout middle Tennessee within approximately 100 miles from the Gallatin campus. Clinical assignments will be made by the radiology faculty. Transportation to clinics as well as didactic courses is the responsibility of the student.
- 7. What courses should I take while waiting for program admission?** All required general education courses must be completed prior to the interview. Students interested in the radiology program will declare Health Sciences as their major and follow the Health Sciences recommended schedule. Students are strongly urged to attend a radiology information session. Dates for information sessions can be found on the Radiology Web site.
- 8. What is the cost of the two year program?** Students will pay maintenance fees and tuition based on the number of credit hours taken each semester. Additional approximate expenses include (some expenses may be annually): background check (\$49, annually), urine drug screen (\$40 annually) liability insurance (\$40 annually), books and markers (\$700), uniforms and shoes (\$100 - \$200), immunizations and titers (\$400 - \$600), clinic parking if needed (\$360), and CPR certification with book (\$70). Graduates apply to the American Registry of Radiologic Technologists for national certification testing (\$200). Background checks, urine drug screening, housing, meals, transportation, and all incidentals including immunizations/titers are at the student’s expense.
- 9. At what time of the day are classes offered?** Didactic courses are taught only on the Gallatin Campus typically from 8:00 am - 4:00 pm. Clinical hours typically are 7:30 am - 4:00 pm.

10. What about background checks and drug screens? Students accepted in this program must, at the student's expense, provide evidence of a passing score on a background check and a urine drug screen prior to official acceptance in the program and again during the second year of the program. Failure to provide the required results by the due date or the receipt of anything other than a passing score will make a student ineligible for enrollment. Students will also be required to provide evidence of additional immunizations at the student's expense. Specific details regarding the background check, urine drug screen, and other requirements are given to students after conditional acceptance into the program is granted.

11. Can a criminal record prevent a program graduate from taking the national certifying examination? A previous conviction may disqualify a graduate from the certification process. Call the American Registry of Radiologic Technologists at 651-687-0048 for additional information.

12. Who should complete my professional reference forms? Employers, teachers, coaches, scout leaders, co-workers, church officials, and longtime friends are great resources. Family members are not acceptable references.

13. What if I do not get accepted? Acceptance is not guaranteed. Every year there are more qualified applicants than there are positions in the program. Students not accepted into the program may continue to pursue the Health Sciences degree and are eligible to re-interview the following year.

14. What are the potential dangers of implants or foreign bodies located in radiologic technology students? Magnetic resonance imaging uses a powerful magnetic field to create images. This powerful magnetic field will attract iron-containing objects and may cause them to move suddenly and with great force. Every magnetic resonance imaging facility has a comprehensive screening procedure and protocol to ensure patient, student and staff safety. Prior to attending clinics, a magnetic resonance imaging screening form will be supplied to students accepted into the program and must be returned to program faculty PRIOR to beginning clinics.

**Volunteer State Community College
Radiologic Technology Program Reference Form**

Applicant's Name _____ VSCC ID Number _____

TO THE APPLICANT: The application is due in the radiology office by April 1. Reference forms are due in the radiology office by May 1, **no exceptions.**

Applicant's signature _____ Date _____

TO THE REFERENCE: This applicant has applied to the Radiologic Technology Program at Volunteer State Community College and has given your name as a reference. Your candid evaluation of the applicant's qualifications will be greatly appreciated. Mail the completed form directly to **Volunteer State Community College · Radiology Technology Program · 1480 Nashville Pike · Gallatin, TN 37066. Do not return this completed form to the applicant unless it is in a sealed envelope.**

How do you know this applicant and for how long? _____

Characteristics	Superior 5	4	3	2	1	Not Applicable
Academic Potential						
Adaptability						
Attendance						
Emotional Stability						
Independence						
Leadership						
Math & Computer Skills						
Maturity						
Oral Communication						
Organization						
Punctuality						
Reliability						
Responsibility						
Team Work						
Written Communication						

COMMENTS: Please add any comments that will provide a complete picture of the applicant's abilities and potential as a student and health care professional. Use an extra page if necessary.

Reference's Name _____

Phone Number _____ Organization & Title _____

Signature _____ Date _____

**Volunteer State Community College
Radiologic Technology Program Application**

Name _____

VSCC ID# _____ Date of Birth _____

VSCC Email Address _____

Other Email Address _____

Mailing Address (Street, City, State, Zip) _____

Home Phone _____ Cell Phone _____

CONTACT IN CASE OF EMERGENCY

Name _____

Number _____

What year are you planning to interview? _____

Signature _____ Date _____

It is the student's responsibility to self-identify with the Office of Disability Services to receive accommodations and services in accordance with section 504 of The Rehabilitation Act and The Americans with Disabilities Act Amendments Act (ADAAA). Only those students with appropriate documentation and who are registered with the Office of Disability Services will receive accommodations. For further information, contact the Office of Disability Services at (615) 230-3472, online by visiting www.volstate.edu/disability, or visit the office which is located in Wood Campus Center, Room 108.

Volunteer State Community College, A Tennessee Board of Regents Institution, is an equal opportunity institution and ensures equal opportunity for all persons without regard to race, color, religion, sex, national origin, disability status, age, sexual orientation, or status as a qualified veteran with a disability or veteran of the Vietnam era.