



Effective for Applicants for the Class of 2018 – 2020

Rev. 11/17

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.

Terry Seals, MS, R.T.(R)(T)(ARRT)
Program Director
(615) 230-33425
terry.seals@volstate.edu

LuAnn Buck, BS, R.T.(R)(ARRT)
Instructor
(615) 230-3651
luann.buck@volstate.edu

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

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 \(new window\)](http://volstate.edu/radtech) (volstate.edu/radtech).

Program Accreditation

The program is fully accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT), 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 \(new window\)](http://JRCERT.org) (http://JRCERT.org). Graduates may apply for the national certification examination with the [American Registry of Radiologic Technologists \(ARRT, new window\)](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 \(new window\)](http://volstate.edu/Admissions/) (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](http://volstate.edu/testing/) (volstate.edu/testing).
- 3) **Complete and submit** (to the Program Office) the **Radiology Program Application** (the last page of the information packet) no later than April 1st.
- 4) **Have three reference forms completed and received** by the Program office) no later than **May 1st**. Reference forms can be found in the information packet located at the Radiology Web site. Visit [Vol State Radiology](http://volstate.edu/radtech/) (volstate.edu/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 \(new window\)](http://catalog.volstate.edu/) (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 page \(new window\)](http://volstate.edu/ComputerLiteracy/) (volstate.edu/ComputerLiteracy/).

Category	Course	Credits
• 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 1130 (or higher)	MATH 1130 (or higher)	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 1030 - Music Appreciation
	ARTH 2020 - Survey of Art History II	PHIL 121 - Ethics
	ENGL 1030 - Introduction to Film	PHIL 1030 - Introduction to Philosophy
	ENGL 2010 - Introduction to Poetry and Drama	THEA 1030 - Introduction 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
 HED 200 – First Aid and Safety
 POLS 110 - Introduction to Political Science
 POLS 1030 - American Government
 POLS 2010 - State and Local Government

PSYC 1030 - General Psychology
 PSYC 2120 - Social Psychology
 PSYC 2130 - Life Span Psychology
 SOCI 1010 - Introduction to Sociology
 SOCI 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)

AHC 115	Medical Terminology	3 credit hours
BIOL 2010	Human Anatomy and Physiology I	4 credit hours
BIOL 2010L	Human Anatomy and Physiology I Lab	0 credit hours
ENGL 1010	English Composition I	3 credit hours
MATH	MATH 1130 or higher	3 credit hours
		13 total credit hours

Spring (General Education Courses for Health Sciences major)

AHC 104	Introduction to Radiologic Technology	1 credit hour
BIOL 2020	Anatomy and Physiology II	4 credit hours
BIOL 2020L	Anatomy and Physiology II Lab	0 credit hours
Humanities/Fine Arts	See list	3 credit hours
Social/Behavioral Sciences	See list	3 credit hours
INFS 1010	Computer Applications*	3 credit hours
*or pass the Computer Competency Exam (CCE)		
		14 total credit hours

After Formal Admission

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

Fall

RAD 110	Patient Care	3 credit hours
RAD 111C	Clinical Education I	3 credit hours
RAD 120	Positioning and Procedures I	3 credit hours
RAD 231	Principles of Radiographic Exposure I	3 credit hours
		12 total credit hours

Spring

RAD 112C	Clinical Education II	3 credit hours
RAD 121	Positioning and Procedures II	3 credit hours
RAD 220	Radiographic Pathology	3 credit hours
RAD 232	Principles of Radiographic Exposure II	3 credit hours
		12 total credit hours

Summer

RAD 113C	Clinical Education III	3 credit hours
----------	------------------------	----------------

Fall

RAD 122	Positioning and Procedures III	3 credit hours
RAD 200	Radiographic Image Evaluation	3 credit hours
RAD 211C	Clinical Education IV	3 credit hours
RAD 221	Radiographic Physics I	3 credit hours
		12 total credit hours

Spring

RAD 212C	Clinical Education V	3 credit hours
RAD 222	Radiographic Physics II	3 credit hours
RAD 240	Registry Preparation	3 credit hours
RAD 250	Radiation Biology and Protection	3 credit hours
		12 total credit hours

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 9:00am – 4:00pm. Clinical hours typically are 7:30am – 4:00pm.

- 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 seats 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 _____ Vol State 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 1st, **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 · Radiologic 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	Poor 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 _____

This page intentionally blank.

Volunteer State Community College
Radiologic Technology Program Application

Name _____

Vol State ID# _____ DATE of BIRTH _____

Vol State Email Address _____

Email Address _____

Mailing Address _____

Street or PO Box

City, State, Zip

Home Phone _____

Work Phone _____

Cell Number _____

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 the [Vol State disability office website \(new window\)](http://www.volstate.edu/disability)(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.