



**CT STATE**  
COMMUNITY COLLEGE  
Naugatuck Valley

# Radiologic Technology Program

## Mandatory Information Session

# Radiologic Technology Program

- Approx. 21 months long
- 5 semesters including 1 summer sessions
- Accredited (8 year term) by the Joint Review Committee on Education in Radiologic Technology (JRCERT)

## **CONTACT**

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# Radiologic Technology Program

- Upon successful completion of the program the graduate is eligible to sit for the ARRT Examination.
- Successful completion of the ARRT exam is required in the State of Connecticut and other states (but not all) to secure a license to practice.
- Connecticut is a licensure state. You cannot practice w/o a license



Associates of Science

# Radiologic Technology

EARN A DEGREE

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In this section: [More Information on Radiologic Technology Program](#) |

## Radiologic Technology Application Period

The application period for the Radiologic Technology program runs from October 1, 2020 - January 15, 2021.

For admission requirements and applications click [here](#).

## Program Overview

A Radiologic Technologist is an allied health professional who is qualified to use x-rays to produce diagnostic images of the human body. As a student, you will learn how to perform: diagnostic x-ray procedures such as chest, skeletal survey, abdomen Computerized Axial Tomography (CT or CAT scan) Magnetic Resonance Imaging (MRI). You will also: administer contrast media to visualize the gastrointestinal tract, genitourinary system and vascular system, and assist the radiologist during specialized procedures such as myelography, angiography and other interventional exams.

### Graduate Success

- 99%: First time pass rate for graduates completing the A.R.R.T. exam (five-year average)
- 95%: Five-year average job placement rate of not less than 75 percent within twelve months of graduation
- 83%: Program completion rate for the Class of 2018
- Click to review 2015 -2019 [Program Outcomes](#)

### Earn a degree

- Degree options include:
  - [Radiologic Technology A.S.](#)



Mark J  
Martone

[Full Profile](#)

Email

[203-575-8266](mailto:203-575-8266) (p)

Room: F120

### Career Possibilities

In your area, people working as

*Radiologic Technicians*

typically make

# Course Schedule

- First Year Students attend clinical T/Th 8:00 - 4:30
- Classes are M/W and maybe Friday as your schedule requires
- Radiology classes are held at 8:00am
- Second Year Students attend clinical M/W/F 8:00-4:30
- Classes are T/Th
- Radiology classes are held at 8:00am

# Summer Session

- Classes will be held T/TH from  
8:00am-12:30pm

(6 – 8 weeks class/clinical)

**\*This may be subject to change**

# Clinical Internships

- Actual working with patients is from 8:00am – 4:30pm
- Due to the number of clinical sites reliable transportation is necessary





# Evening Clinical Rotation

- There will be an evening clinical rotation at some sites. It will be part of a rotation for 2-3 weeks as assigned during a given semester.
- Students still attend 8:00am classes and conferences as instructed
- This is based on instructor availability & funding



# Clinical Competency

- Clinical is competency based
- ARRT requires all examinees to have completed the required competencies & courses before sitting for the exam.
- Competencies are tests in clinical. The student will radiograph an actual patient w an instructor & graded on their performance.

# Clinical Affiliates

- Bristol Hospital
- Charlotte Hungerford Hospital
- Danbury Hospital
- St. Mary's Hospital
- Waterbury Hospital
- New Milford Hospital
- Greater Waterbury Imaging Center
- Orthopedics of New England, Naugatuck Valley Radiological Associates/ DIS and DIA- Waterbury, Prospect, Southbury
- CT Ortho of Danbury

# Attendance

- Attendance is required in class & clinical
- Absenteeism from clinical affects your grade
- Habitual absenteeism will result in dismissal



<https://nv.edu/Admissions-and-Aid/Paying-for-College/Tuition-and-Fees>

# Cost of Program Tuition

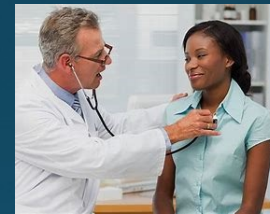


# Additional Cost to Student

Tuition and Fee Rates - comparison chart (nv.edu)

## RADIOLOGIC TECHNOLOGY PROGRAM- LIST OF ADDITIONAL STUDENT EXPENSES:

ITEMS REQUIRED FOR CLINICAL & COURSES	APPROXIMATE COST TO STUDENT
Scrubs x2	\$ 40.00 each
Lab coat x1	\$ 25.00
Shoes	\$ 40.00
Lead markers x2	\$ 20.00
Protective glasses	\$ 20.00
Physical & Immunizations with blood work	\$ 800.00 (approx. if student doesn't have insurance)
CPR Course	\$ 125.00
Books	\$800.00 (if new)
Castle Branch w/ background check	\$ 180.00
Reviewing Materials for ARRT Board exam	\$ 150 (Optional but recommended)
Fees	<ul style="list-style-type: none"> <li>Laboratory Course Fee \$91.00 Per registration in a designated laboratory course</li> <li>Clinical Program Fee-Level 1 \$487.00 Per semester (Fall and Spring only) - Level 1 allied health programs</li> <li>Clinical Program Fee-Level 2 \$359.00 Per semester (Fall and Spring only) - Level 2 allied health programs</li> </ul>
TRAJESYS Grading System	\$150.00
These are approximate totals. <b>TOTALS:</b>	<b>\$4,450.00</b>



# Program Mandatory Program Orientation

- If you are accepted into the program there will be a mandatory program orientation session. A letter will be sent to you as a packet.

# CPR Certification

- All entering students must be CPR Health Care Provider certified upon beginning the program.
- (last 2 weeks of June even July or Aug works- approx. cost covered in previous slide).
- American Heart Association only- Health Care Provider





# Program Curriculum

- Courses must be taken as outlined in college catalog – you may take a class ahead of the semester assigned but once in the program cannot delay taking a class – ex. Math 1600/172 must be completed by the fall, first year if you are accepted.

**Program Admission and Pre-requisites** English 101 Composition (3 credits), Bio 211 Human A & P I (4 credits) with a C+ or better taken with the past 5 years, Bio 212 Human A & P II (4 credits) with a C+ or better taken within the past 5 years but no later than the spring semester of application year. (Pre-requisites= 11 credits)

Course Number	Course Title	Credits	Course Prerequisites
<b>Fall Semester</b>			
<b>First Year</b>			
RAD 1001	Intro to Rad Sciences	3	Admission to the program
RAD 1002	Radiographic Procedures I	3	Admission to the program
RAD 1002L	Radiographic Procedures I Lab	1	Admission to the program
RAD 1094	Radiography Clinical I	2	Admission to the program
Math 1600	College Algebra	3	None; Co-req MATH0906 College Algebra Support (unless student places out) *** course alignment website and Math specific courses list are different
CCS 1001	College Career and Success (Health Sciences option if avail)	3	
<b>Total</b>		<b>15</b>	
<b>Spring Semester</b>			
<b>First Year</b>			
RAD 1011	Imaging/Exposure I	3	RAD 1001, RAD 1002, RAD 1002L, RAD 1094
RAD 1010	Radiographic Procedures II	3	RAD 1001, RAD 1002, RAD 1002L, RAD 1094
RAD 1010L	Radiographic Procedures II Lab	1	RAD 1001, RAD 1002, RAD 1002L, RAD 1094
RAD 1194	Radiography Clinical II	2	RAD 1001, RAD 1002, RAD 1002L, RAD 1094
COM 173	Oral Communication	3	
PSY 1011	General Psychology	3	Eligible for English 101
<b>Total</b>		<b>15</b>	
<b>Summer Session</b>			
<b>First Year</b>			
RAD 1012	Imaging Exposures II	3	RAD 1013,RAD 1010, RAD 1011, RAD 1194
RAD 1294	Radiography Clinical III	2	RAD 1013,RAD 1010, RAD 1011, RAD 1194
<b>Total</b>		<b>5</b>	
<b>Fall Semester</b>			
<b>Second Year</b>			
RAD 2002	Imaging/Exposures III	3	RAD 2001, RAD 2001L, RAD 1012, RAD 1294
RAD 2002L	Imaging/Exposures III Lab	1	RAD 2001, RAD 2001L, RAD 1012, RAD 1294
RAD 2022	Radiobiology and Radiation Safety for the Radiographer	3	RAD 2001, RAD 2001L, RAD 1012, RAD 1294
RAD 2001	Radiographic Procedures III	3	RAD 1013,RAD 1010, RAD 1011, RAD 1194
RAD 2001L	Radiographic Procedures III L	1	RAD 1013,RAD 1010, RAD 1011, RAD 1194
RAD 2094	Radiographic Clinical IV	3	RAD 2001, RAD 2001L, RAD 1012, RAD 1294
<b>Total</b>		<b>14</b>	
<b>Spring Semester</b>			
<b>Senior Year</b>			
RAD 2015	Radiographic Pathology	3	RAD 2002, RAD 2022L, RAD 2022, RAD 2094
RAD 2011	Senior Seminar	3	RAD 2002, RAD 2022L, RAD 2022, RAD 2094
RAD 2194	Radiography Clinical V	3	RAD 2002, RAD 2022L, RAD 2022, RAD 2094
(Any 3cr-A & H)	ARTS/ Humanities Elective	3	
<b>Total</b>		<b>12</b>	

General Education courses = 26 credits; Radiography credits= 46 credits; Total Program Credits=72

# Program Curriculum

- All radiology classes & science classes MUST be passed with a “C” or better. Sciences A & P I & II you must earn a C+ or better. If you earn <C you are withdrawn. All other classes must be successfully completed in/by the semester scheduled.

# A.R.R.T. Eligibility Clause

- A.R.R.T. - American Registry of Radiologic Technologists
- They are the only credentialing agency for radiographers.
- They have an eligibility clause concerning previous arrest convictions.

# A.R.R.T. Eligibility Clause

- Any one convicted of a felony or a misdemeanor crime of moral turpitude may be disqualified from being eligible to sit for the examination.
- Moral turpitude includes misdemeanor drug possession charges
- It includes any alcohol charges including the traffic charge of DWI/DUI/OUI

# Infectious Disease



- As a radiographer you will be exposed to infectious diseases. You will decrease the likelihood of contracting a disease if you practice as taught by the faculty.
- All patients assigned to you must be imaged. We do not select cases and do not discriminate based on illness.

# Radiation Safety



- Radiation is dangerous & can cause health problems. You will be taught radiation safety immediately. It is your responsibility to practice as taught.
- You will be given a radiation monitoring devices paid for by the college.

# Pregnancy Policy

- Radiation is harmful to the fetus.
- Disclosure of a pregnancy is voluntary and must be done in writing.
- US Supreme Court has ruled fetal protection policies unconstitutional.
- The pregnant student that remains in the program must complete all objectives assigned in each semester.



# Pregnancy Policy

- Pregnancy w/o complications does not require special accommodations.
- The pregnant student that withdraws from the program leaves in good standing and may return if a seat is available.
- See student handbook for the entire Program Policy on pregnancy. **Handbook is located on our program Web page: Link Provided**

<https://nv.edu/Academics/Academic-Programs/Areas-of-Study/Radiologic-Technology>

# Technical Standards

- Standards that outline the physical capabilities & demands expected of all students that enter into the program
- Students that cannot meet the Standards are to disclose if they need special accommodations – this requires complete medical documentation
- The Standards must be met or met by reasonable accommodations.
- Each is considered on a case by case basis and in accordance w Federal Law.
- Clinical site policies may be consulted.

# Reasonable Accommodation

- An accepted student granted a reasonable accommodation will be required to submit appropriate paper work at the beginning of each semester to the office of Disabilities a link that describes the process has been made available to you.

<https://www.nv.edu/student-resources/academic-support-resources/disability-services>

- This is the law and not college policy.

## **Students with Special Needs-ADA:**

Students with Special Needs-ADA: Students who may require academic adjustments on the basis of a disability are encouraged to contact the Counselor for Students with Disabilities. Contact Terry Latella in K519B or call 203-596-8608 in Waterbury and 203-437-9699 in Danbury) at the beginning of each semester. After providing documentation and completing the disability disclosure process, students are then encouraged to speak with their instructor(s) within the first two weeks of the semester to discuss any adjustments approved by the appropriate disabilities contact. Adjustments are not retroactive. Instructors, in conjunction with appropriate college personnel, will provide assistance and/or adjustments only to those students who have completed the disability disclosure process.

# Acceptance

Ranking is competed by admissions and is based on the following:

- 50% GPA for courses pertaining to the degree.
- 25% Science GPA for A&P I & II
- 25 % for TEAS test. Applicants must score 60% or > in order to be eligible.

# Acceptance

- Many students withdraw from the program due to personal reasons not academic reasons.
- Students will tell faculty upon withdrawal they thought they could do it despite what we tell them in this session
- DO NOT think you can do it – Know you can do it – attitude is everything in life

# Remember the Commitment

- Clinical is 16 hours / week in the first year
- Clinical is 24 hours / week second year
- Plus summer session

# Time



- 30 hours in school
- 20 hours for work
- 6 hours to study
- 56 hours / week total
- Working more add the hours.
- Taking other classes add the time.



# Academics

- The faculty believe each individual is responsible for their actions.
- The faculty DO NOT curve grades or give extra credit assignments to bring up your average.

# Career

## Things to consider about the profession

- This career requires you to be on your feet and be able to critically think.
- It is not a career of close patient contact – you will see many patients in a day – if you want close patient contact you should investigate other fields.
- The job market...

# Career

- Radiographers DO see blood
- Radiographers DO go to surgery
- Radiographers DO go to the trauma room
- Radiographers DO use/give needles to start IV lines
- Applicants often do not realize this is part of the job.

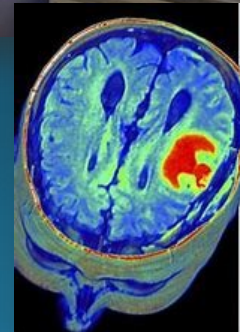
# Careers



- This career offers the use of high tech equipment with rapid turn around of patients
- Imaging is in on everything that occurs in the hospital

# Program

- You will be assigned to:
- X-ray suites
- Mobiles
- Surgery
- Emergency Department
- CT / MRI
- Angiography
- Ultrasound & NC. Med. (optional)
- Autopsy (optional)



# Employment Opportunities

- Hospitals
- Offices
- Imaging Centers
- Mobile Companies
- Traveling Technologist
- Applications
- IT
- Sales



### **Continuing Notice of Nondiscrimination:**

Naugatuck Valley Community College does not discriminate on the basis of race, color, religious creed, age, sex, national origin, marital status, ancestry, disability, including but not limited to present or past history of mental disability, learning disability or physical disability, sexual orientation, gender identity or expression or genetic information in treatment or employment at the College, in admission or access to the College, or in any other aspect of its programs and activities. In addition, the College does not discriminate in employment on the additional basis of veteran status or criminal record. The College is required by Title VI of the Civil Rights Act of 1964 (Title VI), Section 504 of the Rehabilitation Act of 1973 (Section 504), Title II of the Americans with Disabilities Act of 1990 (Title II), Title IX of the Education Amendments of 1972 (Title IX), the Age Discrimination Act of 1975 (Age Act), and their respective implementing regulations at 28 C.F.R. Part 35 and 34 C.F.R. Parts 100, 104, 106 and 110, not to discriminate on the basis of race, color, or national origin (Title VI); disability (Section 504/Title II); sex (Title IX); or age (Age Act). Inquiries concerning the application of each of the aforementioned statutes and their implementing regulations to the College may be referred to the applicable College Coordinators: Leah Glende, Director of Diversity & Inclusion/Section 504/Title II/ADA/Age Act Coordinator, CSCU System Office, [glendel@ct.edu](mailto:glendel@ct.edu); 860-723-0727; Angelo Simoni, CSCU Title IX Coordinator – CSU System Office, 860-723-0165; Sarah Gager, Dean of Student Services/Deputy Title IX Coordinator, Section 504/Title II/ADA/Age Act Coordinator (Students), Naugatuck Valley Community College, Room K509a, 750 Chase Parkway, Waterbury, CT, 203-575-8086 or to the U.S. Department of Education, Office for Civil Rights, at (617) 289-0111 or 5 Post Office Square, 8th Floor, Boston, MA 02109-3921 (Rev 9/28/20)



# Questions?

- If you have any questions contact – the Program Director -Mark Martone
- [mmartone@nv.edu](mailto:mmartone@nv.edu)
- Office # 203-575-8266