

Program Overview & Applicant Requirements



PROGRAM OVERVIEW & APPLICANT REQUIREMENTS

The Shore Medical Center School of Radiologic Technology is a full-time, 21-month *certificate program* in Radiologic Technology. Through participation in classroom, laboratory, and clinical activities, students are prepared to successfully begin a career as a **Radiologic Technologist**. The program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT) and the New Jersey Department of Environmental Protection (NJDEP), Bureau of X-ray Compliance.

The mission of this program is to provide a comprehensive and quality education in radiologic technology and to provide the community with competent and compassionate technologists

Shore Medical Center School of Radiologic Technology (SMCSRT) is a cooperative program designed with Atlantic Cape Community College. The program meets the needs of those students desiring licensing and employment in the community as a Radiologic Technologist. Current licensing updates require students on this career path to have a minimum degree from an accredited institution for eligibility to sit for the American Registry of Radiologic Technologists (ARRT) licensing examination.



The prerequisite course phase of the program is completed at Atlantic Cape Community College. The core radiologic technology courses and clinical phase of the program is completed at the Shore Medical Center. Only those students who complete the program training under the SMCSRT are eligible to graduate from the Radiologic Technology Program and apply for the ARRT examination and state license.

Upon having completed 68 college credits and receiving a certificate of all program requirements from SMCSRT, Atlantic Cape Community College will grant an Associate in Applied Science degree.

Acceptance into the Radiologic Technology program is competitive. All college course requirements must be completed and appear on an Atlantic Cape Community College transcript for an application to SMCSRT to be considered. A minimum 3.0 GPA is required for admission. *Successful completion of all prerequisites does not guarantee acceptance into the program.*

****Application and admission forms for the Shore Medical Center School of Radiologic Technology are emailed to eligible applicants only, each year during the application period, April 1st through May 31st. All applicant information must be received no later than May 31st. If all documentation is not received by this date, applicant will be ineligible for selection, but may apply the following year upon completion of all requirements as stated by SMCSRT for that subsequent enrollment period.****

Upon successful completion of this program students will be able to:

- ✓ Demonstrate clinical competency as an entry-level radiographer through application of positioning skills and selection of technical factors.
- ✓ Employ radiation protection principles to provide a safe medical imaging environment.
- ✓ Demonstrate effective communication skills, problem solving and critical thinking as part of a healthcare team.
- ✓ Apply ethical and moral reasoning to ensure patients are treated with compassion and dignity.
- ✓ Participate in professional activities as described in the ASRT Code of Ethics to promote professional growth as a radiographer and support lifelong learning.

ELIGIBILITY REQUIREMENTS

There are two (2) categories with instructions on what applicants need to do for each. Please follow the instructions under the category that describes your current status.

CATEGORY I - If you do not have a college degree:

Recommended Sequence of Courses

Atlantic Cape Community College - All Atlantic Cape courses must be completed before applying to the School of Radiologic Technology Program.

The following courses must be passed with a grade of **B** or better: *MATH122 or MATH150, ENGL101 or ENGL102, ALHT110, BIOL220 or BIOL221. A minimum GPA of 3.0 is required for admission.*

First Semester – 14 Credits

ENGL101	Composition I	3
ALHT110	Comprehensive Medical Terminology	3
BIOL220	Human Anatomy & Physiology I	4
Choose	MATH122 or MATH150	4

Second Semester – 16 Credits

ENGL102	Composition II	3
BIOL221	Human Anatomy & Physiology II	4
PSYC101	General Psychology	3
Choose	COMM110 or COMM120	3
BIOL/PHIL104	Bioethics: Realities/New Millennium	3

Computer Literacy: 0-3 Credits

(Is fulfilled with CISM125, testing or reviewed departmental portfolio)

Radiologic Technology Courses - Unless identified with an asterisk, all School of Radiologic Technology course work is completed at Shore Medical Center.

Third Semester (Fall) – 9 Credits

RADX101	Patient Care in Radiologic Sciences I**	2
RADX102	Radiographic Procedures I	3
RADX103	Principles of Imaging I	2
RADX104	Clinical Radiography I (16 clinical hrs/wk)	2

Fourth Semester (Spring) – 11 Credits

RADX105	Radiographic Procedures II	3
RADX106	Principles of Imaging II	2
RADX107	Patient Care in Radiologic Sciences II**	2
RADX108	Radiologic Physics**	2
RADX109	Clinical Radiography II (32 clinical hrs/wk)	2

Summer – 3 Credits

RADX201	Clinical Radiography III (30 Clinical hours/week for 12 weeks)	3
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Fifth Semester (Fall) – 11 Credits

RADX202	Radiographic Procedures III	2
RADX203	Digital Imaging	2
RADX204	Radiation Biology & Protection	3
RADX205	Introduction to Advanced Modalities	1
RADX206	Clinical Radiography IV (24 clinical hrs/wk)	3

Sixth Semester (Spring) – 4 Credits

RADX207	Clinical Radiography V (32 clinical hrs/wk) <i>Includes weekly course & skill review</i>	4
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**Course will be taught on the Atlantic Cape Community College campus.

CATEGORY II - If you already have a college degree:

Applicants who have already obtained a **degree** (*Associates, Baccalaureate, Master's or beyond*) **must still register for the Radiology program through Atlantic Cape Community College.** A minimum GPA of **3.0**, is required, as well as successful completion of the following Six (6) college courses with a minimum grade of “**B**” required:

- Mathematics/Logical Reasoning (ie. College Algebra or Precalculus)
- Written/Oral Communication (ie. English Composition I & II)
- Medical Terminology
- Human Structure & Function w/Lab (ie. Anatomy & Physiology I & II)

If you need to complete or retake any courses you must do so at Atlantic Cape Community College.

→ *Please note, if you have multiple transcripts, in order to calculate your overall GPA to meet the minimum 3.0 requirement, your GPA's will be averaged together for a final overall total.* ←

TRANSFER CREDITS

Due to the variation and sequencing of the Radiologic Technology content courses (those beyond the qualifying academic prerequisites), transfer credit(s) from other radiologic technology specific programs are not accepted by Shore Medical Center School of Radiologic Technology.

APPLICANT REQUIREMENTS

Eligible applicants will only be emailed application and admission forms during the admission period (April 1st through May 31st).

- ◆ Applicants must be a high school graduate or possess a HSE (High School Equivalency) formerly known as a GED.
- ◆ Applicants are required to be at least 18 years of age by the first day of class.
- ◆ Successful completion of Category I or Category II stated above under eligibility requirements.
- ◆ Any college courses previously completed at another institution aside from Atlantic Cape
- ◆ Community College must be regionally accredited by a regional institution accrediting body recognized by the US Department of Education such as the Commission on Higher Education of the Middle States Association of Colleges and Schools. These courses must be evaluated by the Atlantic Cape Community College Transcript Evaluator in the Admissions Department for determination on whether or not they will satisfy any of the required prerequisite courses.
 - *Applicants who completed their high school or college education outside of the United States must have their transcript(s) translated to English and submitted for formal evaluation to an agency approved by the National Association of Credential Evaluation Services (NACES). An applicant in need of this service can visit www.naces.org/members.html to find and select a member approved by NACES to perform their foreign credential evaluation.*
- ◆ Application for Admission
- ◆ Application Fee of **\$75.00 (non-refundable)**
- ◆ Resume
- ◆ Personal essay describing the circumstances that led you to become interested in a career in diagnostic imaging
- ◆ Official high school transcript or diploma
- ◆ Official college transcript(s)
- ◆ Three References
 - References should be from an employer or someone who knows you in a professional or student capacity; no family members or friends.

All required admission documents must be received no later than May 31st.

SELECTION PROCESS

Admission to the Radiology School is on a competitive basis due to the limited number of spaces available. The number of spaces can vary from year to year, however fifteen (15) students are generally selected once a year. The deadline to apply for the radiology school is May 31 each year.

Admission to the Radiology School is offered only to applicants who meet the stated applicant requirements. The decision to select a candidate is based on the full study of an applicant by means of reviewing all admission documents and a formal interview. An applicant's prior experience in the healthcare field and/or employment at a healthcare facility is only one of the many aspects that are taken into consideration during the selection process and does *not* guarantee acceptance into the program.

Students selected into the program receive conditional acceptance. Conditional acceptances apply only to September of the year in which the applicant has applied. Applicants who are not accepted into the fall class will need to reapply to the radiology program the following year.

POST SELECTION PROCESS

Students selected into the radiology program will receive a conditional acceptance as students are not considered accepted to the Radiology School until all the following requirements are met. Student's conditional acceptance letter will contain the information needed to comply with all requirements. Failure to comply with the Radiology School requirements within the time frames allocated will result in a forfeit of the conditional acceptance.

Radiology Program Requirements

- ◆ Students must begin the program in the fall of the year they receive the conditional acceptance. Students who are unable to do so must reapply to the program for a future class.
- ◆ Students must complete the program within a two-year period.
- ◆ Students must meet the health requirements of the State of New Jersey and the clinical agencies that are used for clinical experiences.
- ◆ **Radiology School Health Requirements Include:**
 - Physical Examination
 - Immunization: MMR, Varicella, and Hepatitis B (proof of injections and titers)
 - Tuberculin Skin Test (TST) or equivalent (PPD) required annually
 - Influenza Vaccination (Flu Shot) required annually during the influenza (Flu) season
- ◆ **Additional Student Requirements Include:**
 - Completion of a Criminal History Background Check (CHBC). Any student who fails to pass the criminal background check will be unable to continue in the Radiology program.
 - Completion of Drug Screening by the Shore Medical Center Human Resources department. The drug screening involves removing a small patch of hair from an inconspicuous area of your head and sending it to the laboratory to be analyzed. In the event that the result of a prospective student's drug test comes back positive, they will be given 24 hours to make known their intention to challenge the results. If the prospective student challenges the results, they will be required to take a retest at the Medical Center within three days at a cost of \$200.00. If it is found that the first test was in error, the \$200.00 will be refunded. Any student who fails to produce a negative test result will be unable to continue in the Radiology Program.
 - Health Insurance – Proof of health insurance is required each semester while in the Radiology Program.
 - Completion of CPR certification. The only acceptable CPR certification program for admission to the Radiology program is Basic Life Support for the Health Care Provider offered by the American Heart Association. The Radiology School will schedule and provide this training for the class as a whole, before school begins.
 - Completion of the Assumptions of Risk and Release form, which indicates an understanding of hazards inherent in the healthcare field.

- Completion of the Essentials Function form, which indicates the student can perform the physical standards (gross and fine motor skills) necessary for clinical rotations and provision of patient care required of an entry-level radiographer. Also, that the student possesses the necessary sensory perception, and emotional and behavioral skills needed in order to perform diagnostic radiography and provide patient care.

PROGRAM PROGRESSION

Students must pass each program didactic course with a "75%" or better, and each clinical course with an "80%" or better, to remain in the program, and must complete the program in two (2) years from the date of acceptance. Students, who are unable to progress to the next consecutive radiology course at the planned time, for any reason, must withdraw from the program. They may request re-admission in writing following the re-entry policy found in the school handbook.

The Radiology Program is challenging. Students are encouraged to consider limiting time commitments outside of school as much as possible during the 21-month period of their studies. Locations and hours of clinical assignments vary; significant additional travel time may be required. Travel to the clinical setting is the student's responsibility. Promptness and attendance are crucial to the successful completion of the Radiology Program.

OVERVIEW OF TUITION AND PROGRAM EXPENSES (approx. \$21,090)

Tuition for the two-year program **\$18,000.00**

Students will be responsible for the following expenses:

Non-refundable application fee	\$75
Criminal History Background Check	\$50
Drug Screening	\$50
Physical Examination	\$70
CPR Certification	\$75
Uniforms approximately	\$250
iPad & books approximately*	\$1,400
Radiographic Markers	\$35
Technical Fee	\$400
Graduation Fee	\$100
ID Badge Fee	\$20
ASRT Membership Fee	\$70
PhilaSRT Membership Fee	\$10
NJSRT Conference & Membership Fee	\$285
ARRT Certification	\$200

Students are responsible for their housing and transportation costs (tolls, gas, etc.)

Purchase of an Apple iPad is required for the program. Purchasing details will be provided after program acceptance. iPad should be the most current generation. All book information will be given to the student after program acceptance.

Please see the Atlantic Cape Community College catalog for Financial Aid information.

TUITION REFUND POLICY

Students desiring to withdraw from the program must advise the school in writing. Tuition/fee refunds for withdrawals are calculated on a percentage basis according to the following:

Before first day of course – 100%

Five days after start of course – 50%

After second week of semester – no refund

Students dismissed or suspended for violation of Program policy are NOT eligible for a refund.

EQUAL OPPORTUNITY

The Shore Medical Center School of Radiologic Technology recruitment will be non-discriminatory with respect to race, religion, color, national origin, age, gender, ancestry, marital status or disability.

WHAT IS A RADIOLOGIC TECHNOLOGIST?

Radiologic Technologists use X-rays to produce images of the human body. Radiologists, physicians specializing in the uses of ionizing radiation, interpret the images produced by Radiologic Technologists and diagnose medical injuries and diseases based on the information from the images. Other titles used for Radiologic Technologists are X-ray Technologist and Radiographer.

Some of the skills needed by a Radiologic Technologist are as follows:

- ◆ A Radiologic Technologist understands the Anatomy and Physiology of the human body and how to position or move a patient in order to view the parts of the body affected by injury or disease.
- ◆ A Radiologic Technologist uses sensitivity to a patient's physical and psychological needs and maintains patient confidentiality at all times.
- ◆ A Radiologic Technologist uses radiation producing equipment to create images and manipulates the equipment so that the Radiologist is provided with the best possible images using the least amount of radiation.
- ◆ A Radiologic Technologist operates a variety of radiation producing equipment and is knowledgeable in the use of computers and transfer of electronic information as it applies to medical imaging.
- ◆ A Radiologic Technologist is knowledgeable in radiation protection practices and uses that knowledge to prevent unnecessary radiation to the patient and to personnel.
- ◆ A Radiologic Technologist follows instructions carefully, is detail oriented and works as part of a team for the benefit of the patient.

CLINICAL EDUCATION SITES

To successfully complete the goals of the program, students practice the skills learned in the classroom in a laboratory setting, and apply their knowledge in a clinical education setting. Students are assigned to clinical sites to participate in a variety of diagnostic imaging experiences.

During Clinical internships students will observe and learn from certified radiographers and other imaging professionals. All of these professionals will serve as student instructors and mentors. Students complete clinical internships at the following clinical education sites:

Shore Medical Center
100 Medical Center Way
Somers Point, NJ 08244

ARMC – City Division
1925 Pacific Avenue
Atlantic City, NJ 08401

AMI – Galloway
44 East Jimmie Leeds Rd.
Galloway, NJ 08255

ACCESS
3205 Fire Road
Egg Harbor Twp., NJ 08234

Health Village Imaging
3201 Route 72 West
Manahawkin, NJ 08050

ARMC – Mainland Division
Jimmie Leeds Road
Pomona, NJ 08240

AMI – Somers Point
30 East Maryland Ave.
Somers Point, NJ 08244

Cape Regional Medical Center
2 Stone Harbor Blvd.
Cape May Court House, NJ 08210

AIMS Diagnostic Imaging
434 New Jersey Avenue
Absecon, NJ 08201

PROGRAM ACCREDITING AGENCIES

Shore Medical Center School of Radiologic Technology is accredited by both the Joint Review Committee on Education in Radiologic Technology (JRCERT) and the New Jersey Department of Environmental Protection (NJDEP), Bureau of X-ray Compliance.

JRCERT

20 North Wacker Drive
Suite 2850
Chicago, Illinois 60606-3182
(312) 704-5300
www.jrcert.org



NJDEP

Bureau of X-Ray Compliance
25 Artic Parkway
P.O. Box 415
Trenton, NJ 08625
(609) 984-5634
www.state.nj.us/dep



Accreditation of an educational program offers value to each of the following groups:

STUDENTS: Accreditation of an educational program provides students, as graduates, assurance that the educational program will provide them with the requisite knowledge, skills, and values to competently perform the range of professional responsibilities expected by potential employers nationwide. It also assures they will be eligible for licensure in each of the 50 states. By requiring programs to teach the entire curriculum developed by the professional society, the American Society of Radiologic Technologists (ASRT), it also assures students they will have the foundation to continue to develop as professionals in the various fields of the radiation sciences.

PATIENTS: Accreditation of an educational program assures patients that students who perform procedures have appropriate supervision during the educational process. It also assures them that graduates will have met the minimum level of competency as defined nationally by the profession.

EDUCATORS: Through the process of programmatic accreditation, educators are assured that their educational programs are keeping pace with the profession and with standards developed through national consensus.

PROFESSION: The profession is assured, through programmatic accreditation, that educational programs in the field are providing consistent minimum education in the profession as the profession itself has defined it.

Source: www.jrcert.org

The following websites may provide additional information:

www.asrt.org (American Society of Radiologic Technologists)

www.arrrt.org (American Registry of Radiologic Technologists)

www.bls.gov/oco/ (Bureau of Labor Statistics, Occupational Outlook Handbook)

For program effectiveness data including credentialing exam pass rate, job placement rate, and program completion rate, please visit: www.jrcert.org (Joint Review Committee on Education in Radiologic Technology)

CRIMINAL HISTORY BACKGROUND CHECK

NATIONAL CERTIFICATION & STATE LICENSURE

A criminal background review will be performed to verify if a student has any past law violations, including felonies or misdemeanors, on record.

Misdemeanor charges or convictions that occurred while a juvenile (under 18) and that were processed through the juvenile court system are not required to be reported.

Misdemeanor speeding convictions or traffic violations are not required to be reported **unless** they are related to alcohol or drug use. **All** alcohol and/or drug related violations **must** be reported.



Shore Medical Center School of Radiologic Technology requires **all violations and/or convictions**, to be evaluated by the American Registry of Radiologic Technologists (ARRT) Ethics Committee **before applying** to the radiology school.

The ARRT investigates all potential violations in order to determine eligibility. A pre-application review form may be downloaded from the “Ethics” section of the www.arrt.org website or by requesting a copy by phoning (651) 687-0048, extension 580.

What to report:

Criminal proceedings including:

- Misdemeanor charges and convictions
- Felony charges and convictions
- Military court-martials; and/or
- Disciplinary actions taken by a state or federal regulatory authority or certification board

*Do not report traffic citations **unless** they involved **alcohol** or **drug** use.

Once ethics eligibility is established, the candidate can proceed with the application process. Applicant **must** submit a **copy of the letter sent to the ARRT explaining the incident**, and a **copy of the ARRT response** with their application and admission documents in order to be considered for the current admission period.

In addition, prospective candidates for the school may be prevented from obtaining a State license. Candidates who have any concerns regarding their eligibility for a New Jersey state license are advised to contact the New Jersey Department of Environmental Protection Bureau of X-ray Compliance by phoning (609) 984-5890.

Please note, clearance by the ARRT Ethics Committee and/or the NJDEP Bureau of X-ray Compliance does not guarantee program acceptance.

Any violations incurred while enrolled in the program must be reported to the Program Director **immediately**. Failure to report this information will result in dismissal from the program.