



ASSOCIATE OF APPLIED SCIENCE IN RADIOLOGIC TECHNOLOGY

CIP Code: 51-0911

Program Mission

Associate degree in radiologic technology program is designed to equip applicants with the essential skills and expertise needed to excel in the dynamic field of Medical Imaging Technology. The program will train you to efficiently deliver medical imaging services while strictly adhering to standardized practices and procedures and adopt a fulfilling career as Medical Imaging Technologist.

Another aim of Associate of Applied Science in Radiologic Technology is to ease the training process for students. Therefore, it follows a hybrid mode of learning which will enable you to take didactic courses through online and virtual technologies along with on-site practicals and clinical instruction delivery.

Program Description

Radiologic technology is one of the most reliable diagnostic techniques that use powerful imaging technology, namely X-rays. These procedures are bound to be performed by radiologic technologists commonly known as radiographers or X-ray technicians. The radiological technologist program in Indiana encompasses applied anatomy and physiology, patient positioning, radiologic procedures, radiation biology, patient safety and emergency procedures, equipment usage and maintenance, quality assurance, patient education, and management of medical imaging/radiologic services and offerings.

Radiographers or X-ray technicians are responsible for maintaining quality assurance and ensuring patient safety is not compromised and the equipment is not infectious. The radiologic technologist associate degree will equip you with all the necessary tactics required to professionally conduct medical imaging diagnosis. Furthermore, you will develop expertise in various administrative tasks, such as supervising junior staff, monitoring diagnosis, assigning tasks, and assisting other medicare personnel in the facility.

Our Associate Degree in Radiologic Technology will also offer you an opportunity to become a part of the Capstone Project at affiliated clients' sites. We also offer industry-standard certification for career building.

Program Details

Course Duration

15 - 21 Months

Quarter Credit Hours

90

Program Learning Outcomes

After completing an associate degree in radiology, graduates will possess the expertise necessary for placement in the healthcare sector and to make a positive impact on patient's lives through their acquired skills.

Graduates of the Associates of Applied Science in Radiologic Technology Indiana will:

- Learn about the hardware components of the radiology system
- Learn preventive measures and how to protect themselves against radiation
- Understand how X-ray signals are generated and detected
- Be able to use the radiology system for image acquisition and technical evaluation
- Ensure quality assurance technique and operate equipment proficiently
- Learn how to use the pulse sequences principle for the right clinical application
- Gain knowledge of factors that affect tissue contrast by learning their names and comprehending how they interact and impact image quality
- Learn how to accurately image the head, spine, pelvis, thorax, abdomen, and extremities
- Understand the fundamentals of maintaining the hardware components in radiology systems and quality control techniques
- Grasp ethics and interaction tactics regarding how to treat patients, address their concerns, and ensure their safety throughout the diagnosis

Program Career Opportunity

At Stellar Career College, the Associate Degree in Radiologic Technology opens a wide array of opportunities for students seeking placement within the healthcare sector. The potential job possibilities for graduates of Associate Degree in MRI Technology include, but are not limited to, the following:

1. Radiology Technology Assistant / Contingent
2. Radiologic Technologist

3. Radiology Diagnostic
4. Special Procedures Radiology Tech
5. Professor, Radiology Technology
6. Diagnostic Radiologic Technologist (Cardiovascular-Interventional Technology)
7. CT/Special Procedure - CT Scanner - Flex
8. Radiology Clinical Associate
9. CT Technologist I
10. Radiology Support Specialist

Program Curriculum

- **Biology and DMS Courses** 67.5 Quarter Credit Hours
- **General Education Courses** 22.5 Quarter Credit Hours

ARRT Obligations

ARRT enforces high standards of ethics and professional conduct. Students must comply with everything in the ARRT Standards of Ethics, including the Rules of Ethics. You must notify ARRT of any ethics violations within 30 calendar days of their occurrence. Applicants who don't follow these rules might become ineligible. Several types of misconduct, charges, and convictions may violate ARRT's Rules of Ethics. For further details on this matter, please refer to ARRT's handbook, which is available at arrt.org.

Program Format

The College will offer this program using the Hybrid format of instruction delivery. Didactic courses will be taught using online and virtual technologies, while laboratory courses will be offered using virtual technologies and/or on-site format of instruction delivery. The students will complete required clinical hours and competencies at their respective clinical sites.

Program Certification

Graduates who will meet additional requirements of the credentialing agency, including but not limited to ethics requirements, will be eligible to challenge the national certification exam to become certified by passing the credentialing examination.