Program Overview: Associate of Applied Science, Radiologic Technology

About This Major . . .

The Associate of Applied Science in Radiologic Technology degree provides a well-rounded educational experience that includes classroom studies and clinical experience. Following successful completion of program, including ethics and examination requirements, the graduate is eligible to sit for the national registry examination administered by the American Registry of Radiologic Technologists. Graduates who pass the national registry exam receive a certificate of registration and earn the title of "Registered Technologist," abbreviated as "RT" following the graduate's name.

All CMU graduates are expected to demonstrate proficiency in critical thinking, communication fluency, quantitative fluency, and specialized knowledge/applied learning.

In addition to these campus-wide student learning outcomes, graduates of this major will be able to:

1. utilize broad-based knowledge and skills to become competent entry-level radiographers. (Applied Learning; Specialized Knowledge)

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2. demonstrate value-based behaviors as the foundation for professional practice. (Specialized Knowledge)

3. demonstrate proficiency in using mathematics for technique selection and radiation protection measures. (Intellectual Skills – Quantitative Fluency)

4. demonstrate effective oral and written communication in the radiologic sciences. (Intellectual Skills – Communication Fluency)

5. interpret analytical data to determine a course of action to solve problems. (Intellectual Skills – Critical Thinking)

Program Highlights:

The Joint Review Committee on Education in Radiologic Technology (JRCERT) accredits the Associate of Applied Science in Radiologic Technology program.

Of the 12 radiologic technology programs offered in Colorado, CMU's associate degree program is the only program on the western slope. This location serves a 250 mile radius in western Colorado and eastern Utah. Local and regional hospitals and clinics on the western slope have depended on the program to provide registered technologists for nearly 40 years.

The program boasts a five year average credentialing examination pass rate of 97.8%. In addition, the program first attempt pass rates exceed the national pass rates.

Program Requirements

To complete the AAS in Radiologic Technology, students must complete 77 semester hours of lower-division courses. The course requirements include essential learning courses, Radiologic Technology didactic and clinical coursework (55 semester hours), and other lower-division requirements which include Biology and Kinesiology courses. See the "Undergraduate Graduation Requirements" in the catalog for additional graduation information. Students should work closely with a faculty advisor when selecting and scheduling courses prior to registration. In general, CMU's programs of study are based on two curriculum groups:

1. Essential Learning

CMU's Essential Learning program provides the foundation of skills and information that cuts across all fields of study and the support for advanced concepts that students will later encounter in their majors. Students also complete the Maverick Milestone and its co-requirement, Essential Speech. This pair of courses is a capstone experience where students integrate what they have learned from their foundation courses by making connections among diverse areas of knowledge. The capstone is also an opportunity for students to work with disparate ideas, a critical skill expected of all CMU graduates that will aid them in solving the complex and unscripted problems they will encounter in their personal, professional, and civic lives.

2. What You Will Study in This Major. . .

These courses prepare you through classroom studies and clinical experiences to take the national registry examination:

- Radiographic Anatomy and Positioning
- Radiographic Exposure
- Digital Imaging
- Imaging Equipment
- Radiation Biology and Protection
- Radiographic Pathology
- Radiographic Assessment
- Radiographic Review
- Clinical Experiences