

Associate of Applied Science in Radiologic Technology

The radiologic technology program prepares students for employment as career-entry medical radiographers. Students completing the program receive an Associate of Applied Science degree and are eligible to apply for certification with the American Registry of Radiologic Technologists (ARRT).

Graduates are prepared with the technical skills necessary to perform a variety of diagnostic radiographic examinations. The primary role of the radiographer is to provide diagnostic images of the structure and function of anatomy to assist the physician in the treatment of injury and disease. Examples of examinations performed include chest, upper and lower extremities, spine, ribs, skull, gastrointestinal, genitourinary, and reproductive systems.

The program of study incorporates didactic instruction, laboratory demonstration and clinical application in a manner that provides correlation of theory with practice. The inclusion of General University Requirements fulfills program goals of developing knowledgeable and competent practitioners who will have opportunities for continued professional growth. Additional expenses include clinical attire, vaccinations, identification badge, background check and other organization fees.

The Associate of Applied Science degree is not contingent upon the students passing any type of external certification or licensure examination.

The Associate of Applied Science (AAS) in Radiologic Technology prepares students for employment as a radiologic technologist. The program of study incorporates classroom instruction, laboratory demonstration, and clinical application. The primary role of the radiologic technologist is to provide diagnostic images of the structure and function of anatomy to assist the physician in the treatment of injury and disease.

Licensure and/or Certification

Students that complete the AAS in Radiologic Technology are eligible to apply for the registry examination with the American Registry of Radiologic Technologists (ARRT).

Please go to UAA's Authorization by State (https://www.uaa.alaska.edu/academics/office-of-academic-affairs/provost_office/uaa-state-authorization/authorization.cshtml/) website for information about licensure or certification in a state other than Alaska.

Admission Requirements

- Complete the Admission Requirements for Associate Degrees (<http://catalog.uaa.alaska.edu/academicpoliciesprocesses/admissions/undergraduate/>).

- Complete BIOL A111 and BIOL A112 and MA A101 with a minimum grade of C.
- Submit the Department of Medical Imaging Sciences, radiologic technology application according to instructions and deadlines on the program website (<https://www.uaa.alaska.edu/academics/college-of-health/departments/school-of-allied-health/academics/radiologic-technology/index.cshtml/>).
- Provide documentation of:
 - Current CPR (American Heart Association Basic Life Support (BLS)) certification
 - Immunity to hepatitis A and B, confirmed by titer; immunity to chicken pox documented by history, titer, or current immunization; diphtheria/tetanus vaccination within the past 10 years (with booster required at time of expiration); freedom from active tuberculosis, documented annually by negative PPD skin test or by health examination; documentation of HIV testing annually (results not required)
- Students will initially be admitted to pre-major status. Admission to pre-major status does not guarantee subsequent admission to the major. As a pre-major, students work with an academic advisor to assist them in completing pre-major requirements and preparing them to apply to the full major.

Special Considerations

- The AAS in Radiologic Technology is a 21 consecutive month program.
- Once admitted to the radiology technology program students will be required to provide documentation of:
 - Provisional approval of a criminal background check from the State of Alaska
 - Current health insurance coverage
- Students may be required to submit to drug screening.

Graduation Requirements

- Complete the General University requirements for Associate of Applied Science Degrees (<http://catalog.uaa.alaska.edu/undergraduateprograms/aasrequirements/>).
- Complete the General Education requirements for Associate of Applied Science Degrees (<http://catalog.uaa.alaska.edu/undergraduateprograms/aasrequirements/generaleducationrequirements/>).
- Complete the following major requirements:

Code	Title	Credits
BIOL A111	Human Anatomy and Physiology I	4
BIOL A112	Human Anatomy and Physiology II	4
MA A101	Medical Terminology	3
RADT A111	Introduction to Radiologic Technology and Patient Care	3
RADT A131	Radiographic Procedures I	3
RADT A132	Radiographic Procedures II	3
RADT A133	Radiographic Procedures III	3
RADT A151	Radiographic Physics	2

RADT A161	Fundamentals of Medical Imaging I	3
RADT A171	Fundamentals of Medical Imaging II	3
RADT A195A	Radiography Practicum I	2
RADT A195B	Radiography Practicum II	6
RADT A211	Radiologic Pharmacology and Drug Administration	1
RADT A251	Radiobiology and Protection	2
RADT A272	Ethics and Quality Control in Medical Imaging	2
RADT A280	Medical Imaging Pathology	3
RADT A282	Current Issues in Radiologic Technology	1
RADT A295A	Radiography Practicum IV	5
RADT A295B	Radiography Practicum V	5
Total		58

A minimum of 70 credits is required for the degree.

Program Student Learning Outcomes

At the completion of this program students will be able to:

- Demonstrate proficiency and competency in the performance of radiographic procedures utilizing proper exposure techniques.
- Apply entry-level knowledge and skills as a radiologic technologist.
- Demonstrate a professional attitude and proper ethical behavior in clinic settings.
- Utilize effective oral and written communication with patients, physicians, and other healthcare providers.