

# 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.

## Admission Requirements

- Complete the Admission Requirements for Associate Degrees (<http://catalog.uaa.alaska.edu/academicpoliciesprocesses/admissions/undergraduate/>).
- Complete BIOL A111 and BIOL A111L, BIOL A112 and BIOL A112L, and MA A101.
- 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/radiologic-technology/>).
- 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:
  - Immunizations
  - Provisional approval of a criminal background check from the State of Alaska
  - Current health insurance coverage
  - BLS certification
- 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 & A111L	Human Anatomy and Physiology I and Human Anatomy and Physiology I Lab	4
BIOL A112 & A112L	Human Anatomy and Physiology II and Human Anatomy and Physiology II Lab	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	2
RADT A161	Fundamentals of Medical Imaging I	3
RADT A171	Fundamentals of Medical Imaging II	3
RADT A181	Fundamentals of Medical Imaging III	1
RADT A195A	Radiography Practicum I	2
RADT A195B	Radiography Practicum II	6
RADT A240	Introduction to Computed Tomography	1
RADT A251	Radiobiology and Protection	2
RADT A272	Ethics in Medical Imaging	2
RADT A270	Quality Control and Quality Assurance in Medical Imaging	1

RADT A280	Medical Imaging Pathology	3
RADT A295A	Radiography Practicum IV	5
RADT A295B	Radiography Practicum V	5
<b>Total</b>		<b>56</b>

**A minimum of 68 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.