

Associate of Applied Science in Radiologic Technology

The Associate of Applied Science (AAS) in Radiologic Technology prepares students for employment as career-entry medical radiographers. Students completing the program receive an Associate of Applied Science 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 is not contingent upon the students passing any type of external certification or licensure examination.

The 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 (<https://catalog.uaa.alaska.edu/academicpoliciesprocesses/admissions/undergraduate/>).
- Complete BIOL A111 and BIOL A111L, BIOL A112 and BIOL A112L, and MA A101.
- Submit the radiologic technology department 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 radiologic technology program students may be required to provide documentation of the following as required by clinical partners for practicum placements:
 - 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 Degrees (<https://catalog.uaa.alaska.edu/undergraduateprograms/aasrequirements/>).
- Complete the General Education Requirements for Associate of Applied Science Degrees (<https://catalog.uaa.alaska.edu/undergraduateprograms/aasrequirements/>).
- 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 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 A270 | Quality Control and Quality Assurance in Medical Imaging | 1 |
| RADT A272 | Ethics in Medical Imaging | 2 |
| RADT A280 | Medical Imaging Pathology | 3 |
| RADT A292 | Radiologic Technology Seminar | 1 |
| RADT A295A | Radiography Practicum IV | 5 |

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| RADT A295B | Radiography Practicum V | 5 |
| Total | | 56 |

A minimum of 68 credits is required for the degree.