

Area of Study: Health Sciences
Pathway: Radiologic Technology
Degree type: Associate in Applied Science
Curriculum Code: RAS.RAS.AAS (C217C)

(Total Program Credits: 60)

Radiologic technologists operate X-ray equipment to perform diagnostic examinations ordered by a patient’s physician. A two-year program that offers classroom, a digital technology college laboratory and clinical site experiences at various Chicago metropolitan area hospitals. Employment opportunities exist in hospitals, clinics and medical imaging centers. Accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT), 20 N. Wacker Dr., Suite 2850, Chicago, IL 60606-3182, (312) 704-5300. Graduates qualify for the National Registry Examination given by American Registry of Radiologic Technologists (ARRT) and Illinois licensure.

PROGRAM LEARNING OUTCOMES:

At the successful completion of the Associate in Applied Science Degree in Radiologic Technology program the graduate will have attained the following Program Learning Outcomes:

- apply appropriate and safe care to patients in radiology;
- select appropriate technical factors for optimal radiographic images;
- comply with the appropriate radiation protection standards for patients and staff;
- demonstrate proper positioning skills on radiography examinations in which they are proficient;
- utilize effective oral communication skills in the clinical setting with patients, staff, and visitors;
- employ effective written communication skills necessary to obtain accurate patient histories;
- produce diagnostic quality radiographs on examinations in which they are proficient;
- manipulate, problem solve, and critique aspects of difficult patients;
- explain and support the importance of continued professional development in radiologic technology; and
- articulate the importance of attendance at professional meetings.

Program Prerequisites:

- Must read and write at a college level; can be demonstrated by course equivalency, or by meeting all current reading and writing requirements for RHT 101◊ (Freshman Rhetoric & Composition I) placement.
- MAT 085 (Algebra and Geometry II), or must meet current college Math requirement for completion of MAT 085;
- BIS 136◊ (Functional Human Anatomy I) or BIS 240◊ (Human Anatomy & Physiology I);
- AHL 120◊ (Comprehensive Medical Terminology).

Completion of the Math, Science and AHL prerequisites must not be more than five years from the start of the Radiologic Technology program

All prerequisite coursework must be completed with a grade of "C" or higher

All test scores must be within the last two years.

Placement Measures MAT, RHT, and COL sequence placement will be determined by an Academic Advisor. Contact your Academic Advisor or Transfer Specialist (if transferring), before registering for courses.

Developmental education courses do not transfer. They assist students in the path towards college credit.

Program Map for Full-Time Students

Semester One: Fall	Category	Next Steps
RHT 101 Freshman Rhetoric & Composition I (3)	<i>Communication</i>	

RAS 100 Radiology Patient Care (3)	<i>Required Course</i>	Meet with your Academic Advisor to create an academic plan.
RAS 111 Radiographic Anatomy and Positioning I (2)	<i>Required Course</i>	
RAS 114 Basic Radiation Protection (2)	<i>Required Course</i>	
RAS 115 Imaging Production (2)	<i>Required Course</i>	
RAS 150 Applied Radiologic Technology I (1)	<i>Required Course</i>	Explore transfer institutions and admissions requirements by attending transfer events (if intending to transfer) .

13 Credit Hours

NOTE: Grade of 'C' or high is an IAI requirement for RHT 101 and RHT 102.

Semester Two: Spring	Category	Next Steps
BIS 137 Functional Human Anatomy II (4) OR BIS 241 Human Anatomy & Physiology II (4)	<i>Mathematics/Science</i>	Meet with your Academic Advisor to update your academic (and transfer plan, if intending to transfer).
RAS 117 Fundamentals of Radiation (2)	<i>Required Course</i>	
RAS 122 Radiographic Anatomy & Positioning II (2)	<i>Required Course</i>	If intending to transfer, create a Transferology account to explore how coursework transfers and attend a Transfer 101 Workshop .
RAS 124 Radiation Instrumentation (2)	<i>Required Course</i>	
RAS 125 Radiological Health (2)	<i>Required Course</i>	
RAS 160 Applied Radiologic Technology II (1)	<i>Required Course</i>	

13 Credit Hours

Semester Three: Summer	Category	Next Steps
Social and Behavioral Science General Education (3)	<i>Social and Behavioral Science</i>	Meet with your Academic Advisor to update your academic (and transfer plan, if intending to transfer).
AHL 202 Comprehensive Medical Ethics (3)	<i>Required Course</i>	
RAS 170 Applied Radiologic Technology III (2)	<i>Required Course</i>	Attend a Ready to Apply Workshop .

8 Credit Hours

Semester Four: Fall	Category	Next Steps
SPE 101 Principles of Effective Speaking (3)	<i>Communication</i>	Meet with your Academic Advisor to finalize your transfer plan and apply to your transfer institution(s) if intending to transfer.
AHL 107 Intravenous Venipuncture (1)	<i>Required Course</i>	
RAS 232 Radiographic Anatomy & Positioning III (2)	<i>Required Course</i>	
RAS 243 Digital Radiography (3)	<i>Required Course</i>	
RAS 260 Radiographic Pathology (2)	<i>Required Course</i>	
RAS 280 Applied Radiologic Technology IV (2)	<i>Required Course</i>	

13 Credit Hours

NOTE: Students must complete RHT 101, with SPE 101, or RHT 101 with RHT 102. Students intending to transfer are encouraged to complete all three courses: RHT 101, RHT 102 and SPE 101 to meet university requirements.

Semester Five: Spring	Category	Next Steps
Humanities/Fine Arts General Education (3)	<i>Humanities/Fine Arts</i>	Meet with your Academic Advisor to

RAS 242 Radiographic Anatomy and Positioning IV (2)	<i>Required Course</i>	finalize your transfer plan and apply to your transfer institution(s) if intending to transfer. Submit graduation petition by deadline (check for the specific date in catalog or syllabi.)
RAS 253 Special Radiologic Procedures (2)	<i>Required Course</i>	
RAS 278 Radiologic Seminar (3)	<i>Required Course</i>	
RAS 290 Applied Radiologic Technology V (3)	<i>Required Course</i>	

13 Credit Hours

Notes:

- All coursework must be completed with a grade of "C" or higher.
- Science and AHL program requirements must not be taken more than five years prior to the start of the Radiologic Technology program or may be taken while in the program.
- BIS 136/BIS 137 may be substituted by BIS 240/BIS 241 sequence. Students must complete both courses within the same sequence.
- Science and AHL program requirements must not be taken more than five years prior to the start of the Radiologic Technology program or may be taken while in the program.

Graduation requirements:

Total semester hours required in *general education* toward the AAS Degree **15**
Total semester hours for program *required courses, program specific electives and other electives* toward the AAS Degree in Radiologic Technology **45**
Minimum total semester hours required for the AAS Degree **60**

General Education requirements:

- **Communications:** Two courses (six semester hours). Department choice of RHT 101 and RHT 102 or RHT 101 with SPE 101. If transferring, it is suggested to take all three courses.
- **Social and Behavioral Sciences or Humanities or Fine Arts:** Two courses (six semester hours are required for graduation; department choice whether courses are taken from each discipline or two courses from same discipline, to include one approved [Human Diversity](#) course.
- **Mathematics or Physical or Life Science:** One course (three semester hours); review specific program requirements for your selected curriculum.

See RAS course descriptions (P)

Coordinator: Mary Elkins, Ext. 3480