

RADIOGRAPHY - ASSOCIATE IN APPLIED SCIENCE



XRAY

Occupational Title: Radiologic Technologist
Flanagan Campus, Lincoln only

The Radiography program offered by the community college is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT), 20 North Wacker Drive, Suite 2850, Chicago, IL, 60606; 312-704-5300.

This is a 24-month program that begins in June. Students enrolled in the program participate in six semesters of classroom instruction at the college and clinical education at imaging facilities affiliated with the program. Students should apply in February during the open application period for the Health Sciences programs.

Students successfully completing the program are eligible to take the American Registry of Radiologic Technologists examination. Graduates of this program are prepared for entry-level employment as radiographers in hospitals, clinics, and private offices. Radiographers are licensed in the state of Rhode Island.

Technical standards can be accessed through the Radiography Program webpage (<https://www.ccri.edu/alliedrehabhealth/radiography/>).

Note: Many courses require prerequisites, corequisites and/or testing. See course descriptions for details (<https://catalog.ccri.edu/course-descriptions/>).

General Policies

See important general policies in the beginning of this section on the performance-based Health Sciences application process, academic progress, advanced placement, background check, CPR certification, health insurance, health records, reinstatement, transportation, uniforms, and equipment.

Minimum Requirements to Apply to the Radiography Program

- CCRI application** – Complete and submit a CCRI Application for Enrollment. General Studies should be the first choice; XRAY should be the second choice.
- High school transcript** – An official copy of a high school or GED® transcript, including date of graduation, must be provided. If the applicant holds a baccalaureate degree from an accredited college or university, the high school transcript may be waived; a college transcript must indicate completion and degree awarded.
- Placement testing** – Complete a standardized test (ACCUPLACER) issued by CCRI's Advising Center. Students may **not** retake the ACCUPLACER test before completing the remedial course/courses.

Note: For application purposes, ACCUPLACER testing can be waived for students who provide documentation of a bachelor's degree or higher. Students are advised that individual departments may still require ACCUPLACER testing as a prerequisite for their courses.

 - Reading comprehension test** must show competency of 80 or above in Classic ACCUPLACER or a score of 259 or above in Next-

- Generation ACCUPLACER or students must complete Reading and Study Skills Program (ENGL 1002) with a grade of B- or better.
- Complete courses required** for admission with a grade of C or better.
 - Composition I (ENGL 1010). Composition I for Speakers of English as a Second Language (ESL) (ENGL 1300) will not substitute for Composition I (ENGL 1010).
 - College Algebra (MATH 1200) or (MATH 1200C), Pre-Calculus Mathematics (MATH 2111), or Calculus I (MATH 2141)
 - Introduction to Radiography (XRAY 1000)
 - GPA** – A cumulative grade point average of 2.0 or better for all college courses taken.
 - Aptitude Examination** – Take the HESI (Health Educational System Incorporated) Exam administered through the Advising Center. Students are limited to two (2) attempts within a 12-month period. A minimum of two (2) weeks between exams is required.
 - Health Sciences application** – Complete and submit a performance-based Health Sciences application including a preadmission degree evaluation during the open enrollment period.
 - Important:** Submission of a performance-based Health Sciences application does not guarantee acceptance to the program. Acceptance is based on points earned as listed in the program acceptance criteria point system. (See www.ccri.edu/dean-hrs (<https://www.ccri.edu/dean-hrs/>)). At the time of admission, students must meet the current admission requirements. Students declining acceptance into the program for the semester offered must resubmit a performance-based Health Sciences application and meet the current admission requirements. Once accepted, students must attend a mandatory orientation conducted by the Allied Health Department.
 - Background check** – Students are required to submit a background check when directed by notification from Enrollment Services.

Program Requirements

- Students must complete all courses in this program with a cumulative GPA index of 2.0 to qualify for the Associate in Applied Science degree.
- No grade less than C is acceptable in any of the technical courses (XRAY); students receiving less than C will be dismissed from the program.
- Program faculty reserve the right to require withdrawal of any student from the program or to refuse reinstatement based on the student's academic, clinical or professional performance.

Requirements

Code	Title	Hours
Preadmission General Education Requirements		
These courses must be taken prior to program admission:		
Select one of the following: ¹		3
MATH 1200	College Algebra (or MATH 1200C)	
MATH 2111	Pre-Calculus Mathematics	
MATH 2141	Calculus I	
ENGL 1010	Composition I (or ENGL 1010A)	3
Subtotal		6
General Education Requirements		
PSYC 2010	General Psychology	4
Literature Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#litgened/)		3

Humanities OR Social Science Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/)	3
PHYS 1110 Radiographic Physics ²	4
Subtotal	14
Preadmission Major Requirement	
This course must be taken prior to program admission:	
XRAY 1000 Introduction to Radiography	3
Subtotal	3
Major Requirements	
Students must be accepted into the program before taking any major requirements. ³	
XRAY 1010 Clinical Radiography ^A	3
XRAY 1110 Principles of Radiography I	3
XRAY 1220 Principles of Radiography II	3
XRAY 1130 Radiographic Anatomy and Physiology	3
XRAY 1910 Radiography I ^A	6
XRAY 1230 Patient Care for Radiographers	1
XRAY 2430 Sectional Imaging	3
XRAY 1920 Radiography II ^A	6
XRAY 1930 Radiography III ^A	6
XRAY 2340 Quality Assurance in Radiography	1
XRAY 2460 Principles of Imaging Diverse Patient Populations	3
XRAY 2910 Radiography IV ^A	7
XRAY 2410 Introduction to Radiation Biology	3
XRAY 2470 Radiographic Pathology	1
XRAY 2920 Radiography V ^A	4
MLTC 1180 Specimen Collection and Handling for Healthcare Professionals	1
Subtotal	54
Total Hours	77

¹ College Algebra (MATH 1200) (or MATH 1200C) only count as general education math requirement for students enrolled in the following career-oriented programs: CHMT, DMMSD/DMSE/DMSV, and XRAY. Students that choose to take Pre-Calculus Mathematics (MATH 2111) and Calculus I (MATH 2141) to fulfill their math requirement may need to take a prerequisite course. See course descriptions for details.

² This course is open only to students enrolled in the Radiography Program.

³ (except Introduction to Radiography (XRAY 1000))

Recommended Course Sequence

Course	Title	Hours
Prerequisites		
ENGL 1010	Composition I (or ENGL 1010A)	3
Select one of the following:		
MATH 1200	College Algebra (or MATH 1200C)	3
MATH 2111	Pre-Calculus Mathematics	3
MATH 2141	Calculus I	3
XRAY 1000	Introduction to Radiography	3
Hours		9
Summer Session		
XRAY 1010	Clinical Radiography ^A	3

XRAY 1110	Principles of Radiography I	3
Hours		6
Year 1		
Semester 1		
XRAY 1130	Radiographic Anatomy and Physiology	3
XRAY 1220	Principles of Radiography II	3
XRAY 1230	Patient Care for Radiographers	1
XRAY 1910	Radiography I ^A	6
PSYC 2010	General Psychology	4
Hours		17
Semester 2		
XRAY 1920	Radiography II ^A	6
XRAY 2430	Sectional Imaging	3
PHYS 1110	Radiographic Physics	4
Hours		13
Summer Session		
XRAY 1930	Radiography III ^A	6
Hours		6
Year 2		
Semester 1		
XRAY 2340	Quality Assurance in Radiography	1
XRAY 2460	Principles of Imaging Diverse Patient Populations	3
XRAY 2910	Radiography IV ^A	7
Literature Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#litgened/)		3
Hours		14
Semester 2		
XRAY 2410	Introduction to Radiation Biology	3
XRAY 2470	Radiographic Pathology	1
XRAY 2920	Radiography V ^A	4
MLTC 1180	Specimen Collection and Handling for Healthcare Professionals (5 weeks)	1
Humanities OR Social Science Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/)		3
Hours		12
Total Hours		77

Transfer

If you are interested in earning a bachelor's degree, please meet with an Academic Advisor (<https://ccri.edu/advising/>) who can help you select the courses that best prepare you for transfer to a four-year college or university.

If you are interested in transferring to Rhode Island College or the University of Rhode Island, check out the Joint Admissions Agreement (<https://ccri.edu/jaa/>). Transfer information, events and articulations can be found on the Transfer Center website (https://ccri.edu/oes/transfer_center/).