

RADIOGRAPHY

Associate Degree
10-526-1

Radiography prepares individuals for a career in diagnostic radiology (X-Ray) as a radiographer. The radiographer is a technologist who produces images of the human body to aid physicians in the diagnosis of injuries and diseases. Graduates of the program are eligible to take the entry-level certification examination administered by the American Registry of Radiography Technologists (ARRT) and may obtain employment in the x-ray departments associated with hospitals, medical clinics, veterinary clinics, and private offices. Program curriculum focuses on theoretical and applied radiography and includes a clinical experience in a radiographic department. The program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). Students learn to use x-ray imaging machines to demonstrate body parts on x-ray films for diagnostic purposes, including diagnostic radiology, bedside and trauma procedures, pediatric radiography, and special procedures.

Program Outcomes

- Carry out the production and evaluation of radiographic images
- Apply computer skills in the radiographic clinical setting
- Practice radiation safety principles
- Provide quality patient care
- Model professional and ethical behavior consistent with the A.R.R.T. Code of Ethics
- Apply critical thinking and problem solving skills in the practice of diagnostic radiography

The methodology used to evaluate and assess the radiography outcomes is provided in detail to students during the new student orientation and is available to applicants of the program upon request.

View the entire course listing (<http://catalog.blackhawk.edu/courses>).

Courses taken before semester 1		Credits
526-158	Introduction to Radiography	3
526-168	Radiography Clinical 1	2
801-195	Written Communication	3
804-107	College Mathematics	3
806-177	General Anatomy and Physiology	4
Credits		15
Semester 1		
526-149	Radiographic Procedures 1	5
526-159	Radiographic Imaging 1	3
526-192	Radiography Clinical 2	3
801-196	Oral/Interpersonal Communication	3
Credits		14
Semester 2		
526-170	Radiographic Imaging 2	3
526-191	Radiographic Procedures 2	5
526-193	Radiography Clinical 3	3

809-198	Introduction to Psychology	3
Credits		14
Summer between year 1 and year 2		
526-199	Radiography Clinical 4	3
Credits		3
Semester 3		
526-190	Radiography Clinical 5	2
526-194	Imaging Equipment Operation	3
526-195	Radiographic Quality Analysis	2
526-196	Modalities	3
809-143	Microeconomics	3
Credits		13
Semester 4		
526-174	ARRT Certification Seminar	2
526-189	Radiographic Pathology	1
526-197	Radiation Protection and Biology	3
526-198	Radiography Clinical 6	2
809-196	Introduction to Sociology	3
Credits		11
Total Credits		70

General Education Courses Within Program

Code	Title	Credits
801-195	Written Communication	3
801-196	Oral/Interpersonal Communication	3
804-107	College Mathematics	3
806-177	General Anatomy and Physiology	4
809-143	Microeconomics	3
809-196	Introduction to Sociology	3
809-198	Introduction to Psychology	3

Associate Degrees and Technical Diplomas are part of a larger model of BTC's Career Pathways which link related academic programs in sequence. Each program within a career pathway offers direct job preparation and a path to the next level of academic programming. To view the connected program model, visit the Radiography Career Path (<http://catalog.blackhawk.edu/academics/associate-degrees/radiography/RadiographyCareerPath.pdf>) (PDF).

The Blackhawk Technical College Associate Degree Radiography program is accredited by the Joint Review Committee on Education Radiologic Technology (<http://www.jrcert.org>) (JRCERT), 20 Wacker Dr., Suite 20, Chicago, IL 60606-3182, (312) 704-5300. <http://www.jrcert.org>

Graduates of the BTC radiography are eligible to sit for the certification examination in radiography prepared by the American Registry of Radiologic Technologists (<https://www.arrt.org>) (ARRT). <https://www.arrt.org>

Program Mission

The mission of the Blackhawk Technical College Associate Degree Radiography program is to prepare the Student to Practice Entry-Level Diagnostic Medical Radiography.

Program Goals

- Students Will Perform Competent Radiography
- Students Will Communicate Effectively
- Students Will Use Critical Thinking and Problem Solving Skills
- Students Will Demonstrate Professionalism