

# RADIOGRAPHY



Associate of Applied Science 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.

Upon successful completion of this program, students will be able to:

- Carry out the production and evaluation of radiographic images
- 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.*

Courses Taken Prior to Program Entry		Credits
801-136	English Composition 1	3
806-177	General Anatomy and Physiology	4

501-101	Medical Terminology	3
806-179	Advanced Anatomy and Physiology	4
<b>Credits</b>		<b>14</b>

**Semester 1 (Summer)**

526-158	Introduction to Radiography	3
526-168	Radiography Clinical 1: Introduction	2
809-196	Introduction to Sociology	3
<b>Credits</b>		<b>8</b>

**Semester 2 (Fall Year 1)**

526-149	Radiographic Procedures 1	5
526-159	Radiographic Imaging	3
526-192	Radiography Clinical 2	1
<b>Credits</b>		<b>9</b>

**Semester 3 (Spring Year 1)**

526-191	Radiographic Procedures 2	5
526-230	Advanced Radiographic Imaging	2
526-193	Radiography Clinical 3	1
809-198	Introduction to Psychology	3
<b>Credits</b>		<b>11</b>

**Semester 4 (Summer)**

526-199	Radiography Clinical 4	1
801-198	Speech	3
<b>Credits</b>		<b>4</b>

**Semester 5 (Fall Year 2)**

526-194	Imaging Equipment Operation	3
526-231	Imaging Modalities	2
526-195	Radiographic Image Analysis	2
526-190	Radiography Clinical 5	2
<b>Credits</b>		<b>9</b>

### Semester 6 (Spring Year 2)

526-189	Radiographic Pathology	1
526-197	Radiation Protection and Biology	3
526-174	ARRT Certification Seminar	2
526-198	Radiography Clinical 6	2
<b>Credits</b>		<b>8</b>
<b>Total Credits</b>		<b>63</b>

## General Education Courses Within Program

Code	Title	Credits
806-177	General Anatomy and Physiology	4
801-198	Speech	3
809-196	Introduction to Sociology	3
801-136	English Composition 1	3
809-198	Introduction to Psychology	3
806-179	Advanced Anatomy and Physiology	4

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> (<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 Technologies (<https://www.arrt.org/>) (ARRT). <https://www.arrt.org> (<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