

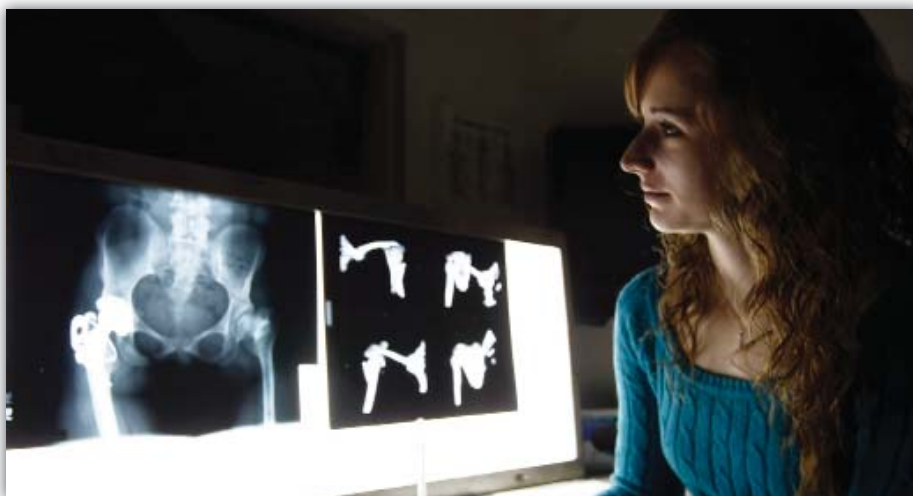
Radiography

Contact Info.

Laurie Weaver,
Program Director
Saunders Health Science, 105
307-268-2587
lweaver@caspercollege.edu

Radiographers are experts in the art and science of diagnostic medical radiography and are valuable members of the healthcare team.

With the advent of computers and the increasing use of technology in the healthcare setting, radiographers are at the cutting edge of scientific technology, working with the latest advances in medical care. As an essential member of the healthcare team, radiographers, also known as radiologic technologists, use their knowledge of physics, radiation protection, human anatomy and physiology and a mastery of highly technical equipment to create medical images of organs, tissues, bones and vessels. Medical imaging examinations often are the first diagnostic tool doctors use to diagnose injuries and disease processes. Another intricate role of the radiographer is to be educated in pathological processes and provide quality patient care and education during imaging procedures.



Casper College Radiography Program

Casper College offers an associate of science degree in radiography. The program which spans 24 months of continuous education, including two summer sessions. Clinical instruction is conducted at the Wyoming Medical Center, Mountainview Regional hospital, Lander Valley Medical Center, Western Medical, Riverton Memorial Hospital, Campbell County Memorial Hospital, Sheridan Memorial Hospital, Outpatient Radiology of Casper, Community Health Center of Central Wyoming, Converse County

Points of Pride

- The mission of the Radiography Program at Casper College is to produce competent medical radiographers eligible for immediate employment or advanced education, by offering high quality educational and clinical experiences.
- The Casper College Radiography Program is accredited by the Joint Review Committee on Education in Radiologic Technology. For more information contact JRCERT at 20 N. Wacker Dr., Suite 2850, Chicago, Ill., 60606-3182, www.jrcert.org
- The Radiography Program at Casper College provides quality learning opportunities for its students in order to accomplish its mission.
- By maintaining national accreditation, the radiography program will prepare students to meet the demands of the profession. This includes technical skills, as well as the ability to be intellectually adaptive and communicate well, to think analytically, to integrate knowledge, and to appreciate cultural and social diversity.
- Graduates will learn to exhibit and apply high ethical values and standards of practice in regard to patient care in the healthcare field.
- Graduates consistently score above the national average on the AART certification exam.

Radiography

Memorial Hospital, Central Wyoming Neurosurgery and Imaging Center, and Casper Orthopedics.

Employment Opportunities

Salary Range: \$40,000-\$50,000 per year. Location of employment: Hospitals, outpatient clinics, orthopedic centers, surgical centers, physicians' offices, or mobile imaging facilities.

Imaging specialties: After completion of the two-year degree, graduates may choose to specialize in several

areas such as ultrasound, magnetic resonance imaging, CT, nuclear medicine, mammography, radiation therapy, management, education, or cardiovascular/interventional imaging.

Job outlook: Extremely favorable and growing faster than the average for other occupations. As the population grows and ages and with the advent of new technologies, the demand for diagnostic imaging professionals will continue to grow.

Admission

Requirements

- Complete a program application, available from radiography faculty.
- Be admitted as a classified student to Casper College before the deadline.
- Be 18 years of age or older
- Have completed the following college courses with a minimum GPA of 2.3:
 - English Composition I
 - Basic Life Support
 - Medical Terminology
 - Pre-Calculus Algebra
 - Either
 - Human Anatomy and Lab, or
 - Human Physiology
- Complete the cultural environment elective prior to admission to the program (recommended).
- Participate in an observation period (fall semester) and a personal interview (spring semester).
- Submit two letters of recommendation.



Curriculum: Radiography

Associate of Science Degree

• Major Requirements

- Computer Information Systems
- Basic Life Support for Health Care Providers
- Medical Terminology
- Sectional Anatomy
- Introduction to Radiologic Technology
- Patient Care and Management
- Radiographic Positioning I
- Radiographic Imaging I
- Radiographic Imaging II
- Radiographic Positioning II
- Clinical Education I

- Clinical Education II
- Pharmacology for Radiographers
- Clinical Education III
- Radiographic Positioning III
- Radiographic Pathology
- Radiation Biology and Protection
- Clinical Education IV
- Clinical Education V
- Clinical Education VI
- Transition from Student to Radiographer

• General education courses:

- At least 32 additional credits of general education coursework. (See college catalog or website for details).