

Radiographic Imaging (Radiography)

Program

Radiographers are certified professionals that produce images through the use of x-rays. These images are an important diagnostic tool that has played an important role in medicine for over a hundred years. The science of radiographic imaging is technology driven with the use of computerized equipment common to every patient exam. Radiographers (X-ray technologists) work closely with other health care professionals in meeting the needs of patients with a compassionate approach.

The Radiographic Imaging Program provides students with the technical skills and knowledge to safely use radiation to produce diagnostic images. Courses in the curriculum focus on patient care, radiographic procedures, the science and technology behind the imaging process, radiobiology, and other general education courses. A diverse clinical education experience in a variety of clinical settings and with a range of patient populations supplements the campus lectures and labs with a strong emphasis on hands-on participation by all students.

A minimum of six semesters is required to successfully complete the Associate in Applied Science degree in Radiographic Imaging. Graduates are eligible to take the certifying examination in radiography by the American Registry of Radiologic Technologists (ARRT). Once ARRT certified, graduates are eligible to apply for a state license that is required to practice most states. Graduate radiographers have ample career opportunities that may include computed tomography, mammography, vascular interventional procedures, equipment sales, and with additional degree work, imaging education, and healthcare administration.

The Radiographic Imaging program is a partner in the Northwest Ohio Allied Health Consortium.

Curriculum

First Year

Summer

SDE 1010 ✍	First Year Experience	1
MTH 1370	College Algebra	4
BIO 1110	Anatomy and Physiology I	4
<u>RAD 1410</u>	<u>Introduction to Radiography</u>	<u>2</u>
Term Hours		11

Fall

BIO 1120	Anatomy and Physiology II	4
BHS 1390	Medical Terminology	2
RAD 1210	Principles of Imaging I	3
<u>RAD 1310 ✍</u>	<u>Radiographic Procedures I</u>	<u>3</u>
Term Hours		12

Spring

COM 1110 ✍	English Composition	3
RAD 1510	Clinical Education I - Radiography	3
RAD 1220	Principles of Imaging II	3
<u>RAD 1320</u>	<u>Radiographic Procedures II</u>	<u>3</u>
Term Hours		12

Second Year

Summer

BHS 1160	Medical Law-Ethics Healthcare	2
<u>RAD 1520</u>	<u>Clinical Education II - Radiography</u>	<u>4</u>
Term Hours		6

Fall

PSY 1010 ✍	General Psychology	3
RAD 2510	Clinical Education III - Radiography	3
RAD 2210	Principles of Imaging III	3
<u>RAD 2310</u>	<u>Radiographic Procedures III</u>	<u>3</u>
Term Hours		12

Spring

COM 2213	Verbal Judo	3
RAD 2520	Clinical Education IV - Radiography	3
RAD 2220 ✍	Radiation Biology	3
RAD 2320	Radiographic Patient Analysis	2
<u>RAD 2490 ✍ ➤</u>	<u>Selected Topics in Radiography</u>	<u>1</u>
Term Hours		12
Total Hours		65

✍ = Portfolio Course ➤ = Capstone Course

NOTE: A minimum of 13 credit hours of clinical courses is required for graduation.

RAD 1510	Clinical Education I - Radiography	3
RAD 1520	Clinical Education II - Radiography	4
RAD 2510	Clinical Education III - Radiography	3
<u>RAD 2520</u>	<u>Clinical Education IV - Radiography</u>	<u>3</u>
Total Hours		13

Note: Must successfully complete RAD 1510 Clinical Education I and RAD 2520 Clinical Education IV. Radiographic Imaging students are admitted once per year in the Summer Semester. A grade of "C" or better is required for all BHS, BIO and RAD courses.

Acceptance into Radiographic Imaging Program

All students who apply for acceptance into the Radiographic Imaging program have their names placed on a qualified list after they meet the program qualifications listed below.

Please contact the Office of Advising and Counseling for the application packet. Students seeking admission are encouraged to review the qualification requirements early due to the amount of time required to complete the process. The application deadline is the second Friday in February for the application year.

In addition to the general admission requirements for all students, the following specific requirements must be completed before being added to qualified list:

1. Attend a mandatory Radiography Imaging program briefing.
2. Complete 16 hours of observation in a clinical setting with a Registered Technologist in Radiography using the Observation Form in the application packet.
3. Achieve an overall college GPA and program-related GPA of 2.75 or higher. (Program-related GPA is defined as the average GPA of program specific coursework excluding SDE 1010). For high school senior applicants without college level course work, high school grades through the first nine weeks of the senior year will be used to calculate the GPA.
4. Complete and score a minimum of 60 on the Test of Essential Academic Skills (ATI TEAS) assessment exam.
5. Complete all developmental prerequisites if applicable
6. Submit the Radiographic Imaging application packet to the Office of Advising and Counseling prior to the stated deadline. Please contact the Office of Advising and Counseling for the application packet or download from the program's webpage. Students seeking admission are encouraged to review the qualification requirements early due to the amount of time required to complete the process. The application deadline is the second Friday of February for the application year.

The Radiographic Imaging program admits one time per year for Summer Semester.

Mission Statement

The Radiographic Imaging Program prepares competent, professional radiographers.

Accreditation

The Radiographic Imaging Program is accredited by the:

Joint Review Committee on Education in Radiologic Technology
20 North Wacker Drive, Suite 2850
Chicago, IL 60606-3182
(312) 704-5300
e-mail: mail@jrcert.org

The program has held this accreditation status since inception in 1976.

Notice to Current or Prospective Radiographic Imaging Students

You are at risk if you have been convicted of a prior felony and/or some misdemeanors. You may not be able to participate in clinical education experiences at some hospitals or other clinical sites, thereby preventing you from completing the program. A criminal record may also prevent you from obtaining a license or certificate in your chosen healthcare profession.

Technical Standards

All applicants for the Health Sciences programs and certificates must possess the essential skills and abilities necessary to successfully complete the requirements of the curriculum either with or without reasonable accommodations for any disabilities the individual may have. * Note: The use of an intermediary that in effect requires a student to rely on someone else's power of selection and observation will not be permitted.

Radiation Monitoring

For educational and training purposes, students under the age of 18 are held to the same radiation exposure limits as members of the general public (1mSv/year). This limit is 1/50 that of the occupational exposure limit which is 50mSv/year. (National Council on Radiation Protection and Measurements) The occupational radiation exposure of radiologic personnel engaged in general x-ray activity are typically considerably lower exposures than this limit. All students are issued personnel monitoring devices to wear while in areas of possible radiation exposure.

For More Information, Contact:

Admissions Office
Rhodes State College
4240 Campus Drive
Lima, OH 45804
Email: enroll@RhodesState.edu
(419) 995-8320