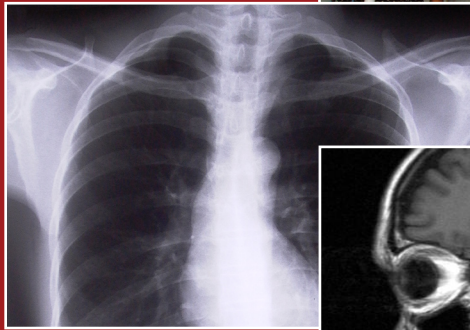


REND LAKE COLLEGE



... setting the standard
for leadership
and excellence.



468 N KEN GRAY PKWY
INA, ILLINOIS 62846

REND LAKE COLLEGE

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RADIOLOGIC TECHNOLOGY



www.rlc.edu

Radiologic Technology

Rend Lake College offers a two-year Associate in Applied Science Degree in Radiologic Technology to prepare graduates for a career in this exciting health care field. For those who graduate from this program, a Computed Tomography occupation certificate is offered.

Radiologic technologists and technicians take X-rays and administer nonradioactive materials into patients' bloodstreams for diagnostic purposes. Some specialize in diagnostic imaging technologies, such as computerized tomography (CT) and magnetic resonance imaging (MRI).

Sometimes referred to as *radiographers*, these individuals produce X-ray films (radiographs) of parts of the human body for use in diagnosing medical problems. They prepare patients for radiologic examinations by explaining the procedure, removing articles such as jewelry, through which X-rays cannot pass, and positioning patients so that specific parts of the body can be appropriately radiographed.

Radiographers position radiographic equipment at the correct angle and height over the appropriate area of a patient's body. Using instruments similar to a measuring tape, they may measure the thickness of the section to be radiographed and set controls on the X-ray machine to produce radiographs of the appropriate density, detail, and contrast.

They place the X-ray film under the part of the patient's body to be examined and make the exposure, remove the film and develop it.

Experienced radiographers may perform more complex imaging procedures. For fluoroscopies, radiographers prepare a solution of contrast medium for the patient to drink, allowing the radiologist (a physician who interprets radiographs) to see soft tissues in the body. Some radiographers, called *CT technologists*, operate CT scanners to produce cross-sectional images of patients. Radiographers who operate machines that use strong magnets and radio waves, rather than radiation, to create an image are called *MRI technologists*.

Radiologic technologists and technicians must follow physicians' orders precisely and conform to regulations concerning the use of radiation to protect themselves, their patients, and their coworkers from unnecessary exposure.

In addition to preparing patients and operating equipment, radiologic technologists and technicians keep patient records and adjust and maintain equipment. They also may prepare work schedules, evaluate purchases of equipment, or manage a radiology department.

FOR MORE INFORMATION, PLEASE CONTACT:

Rend Lake College Allied Health Division
 468 N Ken Gray Pkwy • Ina, IL 62846
 Phone ~ (618) 437-5321, Ext. 1251
 Toll-Free (In-District) ~ 1-800-369-5321
 advising@rlc.edu

Radiologic Technology

Associate in Applied Science Degree
 ALLIED HEALTH DIVISION

This program is designed to prepare students for careers in Radiologic Technology. The curriculum includes instruction in the operation of radiographic equipment, study of human anatomy and clinical experience.

■ **Total = 70 hours**

First Semester		Cr. Hrs.
ENGL 1101	Rhetoric and Composition I ¹	3
OFTC 1280	Medical Terminology	3
RAD 1201	Intro to Radiology	2
RAD 1202	Radiology Procedures	3
RAD 1203	Patient Care	3
ZOO 1105	Anatomy & Physiology I	<u>4</u>
		18

Second Semester		Cr. Hrs.
MATH 1107	Contemporary College Math	3
RAD 1205	Radiographic Equip. & Imaging I	2
RAD 1206	Intermediate Radiographic Proc.	3
RAD 1207	Radiology Clinical I	5
ZOO 1106	Anatomy & Physiology II	<u>4</u>
		17

Summer Term		Cr. Hrs.
RAD 1208	Radiology Clinical II	7

Third Semester		Cr. Hrs.
COMM 1101	Principles of Effective Speaking	3
ENGL 1102	Rhetoric & Composition II	3
RAD 1209	Radiographic Equip. & Imaging II	2
RAD 1210	Radiology Pathology	1
RAD 1211	Radiology Clinical III	5
RAD 1215	Cross-Sectional Anatomy	<u>1</u>
		15

Fourth Semester		Cr. Hrs.
PSYC 2106	Human Relations	3
RAD 1212	Radiographic Equip. & Imaging III	3
RAD 1213	Radiation Biology	2
RAD 1214	Radiology Clinical IV	<u>5</u>
		13

¹ Prerequisite course(s) may be required based on results of COMPASS, ASSET, ACT or SAT scores.

Radiologic Technology – Computed Tomography

Occupational Certificate

■ **Total = 12 hours**

Prerequisite: Successful completion of AAS in Radiologic Technology

RAD 1220	Computer Tomography Apps	3
RAD 1221	Computer Tomography Clinicals	6
RAD 1222	Computer Tomography Physics	3

PLACEMENT SERVICES

Rend Lake College provides placement services for graduates in an effort to assist them in finding employment. The college's Center for Business Services includes an Employment Services program, which offers employers a pleasant, flexible alternative to more rigid and structured placement agencies. Many employers contact Employment Services to inform the college of full-time, part-time, temporary and seasonal openings. Graduates and current students can contact the Center for Business Services about positions available in their fields of study.

FINANCIAL AID

The college tries to assist individuals who demonstrate financial need, and in most cases, financial aid is available. The college has been approved as a participating institution for grants made by the Illinois Student Assistance Commission and also is approved for federal student aid programs, including veterans benefits. Locally endowed scholarships are available to full-time students through the RLC Foundation.