



ALLIED HEALTH

Radiography

Careers

Radiologic technologists, also called radiographers, produce X-ray films of all parts of the human body for diagnosis of medical problems. Radiologic technologists work in hospitals, clinics, physician offices and emergency and urgent care centers. Radiologic technologists may work anywhere from a small private doctor's office to operating rooms in large metropolitan hospitals.

Radiologic technologists are responsible for all aspects of producing high quality radiographs (X-rays). Patient care and positioning, equipment settings and adjustments for individual patients, patient protection from radiation exposure and analysis of X-ray quality are all important in the radiologic technologist's work.

The field of radiology is expanding and is being driven by state-of-the-art technologies. New imaging equipment and techniques keep the field interesting and diversified.

Radiologic technologists often specialize in specific techniques, such as mammography, CT or MRI scanning. These specialties are sometimes learned on the job or may require additional education. Radiologic technologists may also work as administrators or in businesses, which provide equipment and supplies to radiology departments in hospitals and clinics.

Job Outlook

Employment is projected to grow faster than average, and job opportunities are expected to be favorable. Employment of radiologic technologists is expected to increase by about 15 percent from 2006 to 2016, faster than the average for all occupations. As the population grows and ages, there will be an increasing demand for diagnostic imaging.

Earnings

Median annual earnings of radiologic technologists were \$48,170 in May 2006. The middle 50 percent earned between \$39,840 and \$57,940. The lowest 10 percent earned less than \$32,750, and the highest 10 percent earned more than \$68,920.

Related Programs

- Clinical Laboratory Technologists and Technicians
- Diagnostic Medical Sonographers
- Nuclear Medicine Technologists
- Radiation Therapists
- Respiratory Therapists



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Radiography Careers

Educational Opportunities in Radiography at LCCC

Associate of Applied Science in Radiologic Technology

Students who graduate from this program are eligible to take the national registry examination administered by American Registry of Radiologic Technologists (ARRT). Students in this program learn the skills necessary to be employed in a diagnostic radiology center. Graduates of this program are prepared for continuing specialized education in other areas of diagnostic imaging. The program may be completed in two years, if taken on a full-time basis. Many LCCC students choose to study on a part-time basis. In addition, the curriculum provides students with practical experience gained at clinical sites, such as hospitals, urgent care centers and other health care institutions.

Related Educational Opportunities in Health Care at LCCC

- Certificate of proficiency in emergency medical services – paramedic
- Certificate of proficiency in medical assisting
- Certificate of proficiency in phlebotomy
- Certificate of proficiency in licensed practical nursing
- Associate of applied science in nursing
- Associate of applied science in clinical laboratory science technology
- Associate of applied science in dental hygiene
- Associate of applied science in diagnostic medical sonography
- Associate of applied science in physical therapist assisting
- Associate of applied science in surgical technology
- Associate of technical studies in nuclear medicine

Other Educational Opportunities in Radiography through LCCC's University Partnership

Bowling Green State University

Bachelor of Science in Biology

This baccalaureate degree program is designed to provide the training in the major areas of biology while allowing sufficient flexibility to accommodate the specific interests of individual students. All majors are required to take the biology core plus genetics. The degree program requires a student to take at least one course in each of three major areas: Biology of Organisms; Ecology, Evolution and Behavior; Cell and Regulatory Biology. Additional courses allow the student to be exposed to the broad spectrum of biology through an array of advanced courses. The degree program, with some modifications, also allows students to meet the course requirements for pre-professional (medical, dental, veterinary) graduate study.

The University of Akron

Bachelor of Science in Nursing (RN to BSN Completion Program)

The University of Akron nursing program prepares students to provide patient care, to direct others in giving care and to become members of comprehensive health care teams. Professional nurses also teach health care, prepare discharge plans and make referrals that can aid patients and their families. Nursing graduates work in hospitals, urgent care centers and community-based public health agencies and clinics, and provide in-home care to patients. With a combination of experience and education, Akron nursing graduates can obtain employment as clinical specialists in a variety of areas.

Master of Science in Nursing

Nursing education at the master's level builds upon baccalaureate nursing preparation. Program courses and content are organized and courses sequenced to facilitate the progression of student learning from that of a baccalaureate generalist to that of a specialist. The curriculum has two dimensions: core and specialization. Core courses are taken by all students and include theory, research, health policy, computer applications and pathophysiology.

Master of Science in Nursing (RN to MSN Bridge Component)

The RN-MSN sequence is designed for registered nurses who have diplomas or associate degrees in nursing and who aspire to the master of science in nursing degree.

Youngstown State University

Bachelor of Science in Applied Science—Major in Allied Health

The baccalaureate degree program leading to the bachelor of science in applied science with a major in allied health is intended to serve professional health-related, associate-degree graduates who wish to upgrade their academic credentials. The program is based on a two-plus-two concept where the associate-degree courses provide the technical education for the first two years of the baccalaureate-degree program.

Certificate in Health Care Management

The certificate in health care management is a collaborative program between the College of Health and Human Services and the Williamson College of Business Administration. The program accommodates students from health and human service professions who require the skills and abilities for supervisory/managerial positions or who desire competence in health promotion. The program is structured as a weekend-college program with classes offered Friday evenings and on Saturday during the day. After completion of an academic core of course work, students may concentrate in either health promotion or administration for health and human service professions.

About Lorain County Community College

Lorain County Community College is one of Ohio's leading colleges delivering distance learning education via the Internet. The College has expanded its delivery of its programs and services through the opening of the Learning Center at St. Joseph Community Center in Lorain, the LCCC Wellington Center, Lorain County Growth Partnership in downtown Elyria and the Midpoint Campus Center in Brunswick. Partnerships with Lorain County's K-12 school districts have also led to important developments for the community. More than 1300 high school students participate in the Post Secondary Enrollment Options program by enrolling in LCCC classes, making LCCC the state's largest community college provider of PSEO. More than 35 percent of Lorain County's top high school graduates choose to attend LCCC.

LCCC is one of Ohio's fastest growing colleges because of the variety of learning opportunities it provides. Students can choose from more than 80 educational programs. Students can complete the first half — and sometimes more — of a bachelor's degree. The University Partnership brings eight universities to the LCCC campus offering 37 bachelor's and master's degree programs. With the University Partnership at LCCC, the College partners with the state's finest universities to bring the best in bachelor's and master's degree programs right to the LCCC campus. Students can earn degrees that get them jobs immediately. Students can upgrade, retrain and improve current life skills. Students can learn in the classroom, at home and over the Internet.

LCCC offers a complete college experience. We understand that there's more to college life than attending classes. We offer many of the programs, sports, and activities available at large four-year universities and colleges. But, students will not have to stand in line behind juniors and seniors in the classroom, on the playing field, or in leadership positions. Students can immediately act in a play, sing in a musical group, serve as editor for the college newspaper, plan social activities, compete on the playing field, or set policy as a student government member.

In addition to providing a great education for those who enter college with aspirations of a degree, LCCC helps those who have changed their career goals, who want to broaden their horizons, and who want to return to work. LCCC provides learning and training for those who want to move up but find they need new or improved skills for the kind of professional opportunities they seek.

LCCC faculty is recognized locally and nationally for their work as professors and in other areas. They all have advanced degrees and real-world experience and understand their primary responsibility at LCCC is to teach classes. Classes are small. Individual attention is plentiful.

An LCCC education, prepares students for real jobs and real futures. To find out more, call (800) 995-LCCC or visit LCCC's Connections Center, the Learning Center at St. Joseph Community Center in Lorain, the LCCC Learning Center in Wellington, the Lorain County Growth Partnership in downtown Elyria or the Midpoint Campus Center in Brunswick for all of your enrollment service needs, including admissions, registration, advising and counseling.



**Lorain County
Community College**



**The University
Partnership**

of Lorain County Community College

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