

Degree Programs



Respiratory Therapy

Respiratory therapy involves preventive, diagnostic, rehabilitative, and intensive-care therapy for patients with current or potential cardiopulmonary problems. Respiratory therapists work in a variety of clinical settings treating patients with heart and lung diseases. Students work with registered respiratory therapists in some of the area's top healthcare facilities. Lakeland's program is accredited by the Committee on Accreditation for Respiratory Care*. Successful completion of the two-year program qualifies the graduate for three national board exams.

* Committee on Accreditation for Respiratory Care
1248 Harwood Rd. • Redford, TX 76021-4244 • 817.283.2835



Surgical Technology

Surgical technologists are integral members of the surgical team, working closely with surgeons, anesthesiologists, registered nurses, and other surgical personnel in delivering patient care before, during and after surgery. Students receive off-site clinical training at top area healthcare organizations and hands-on experience in the college's state-of-the-art simulated surgical lab. Lakeland's program is accredited by the Commission on Accreditation of Allied Health Education Programs*. Upon graduation, students take the certification examination.

* Commission on Accreditation of Allied Health Education Programs and ARC/STSA
6 W. Dry Creek Circle • Suite 110 • Littleton, CO 80120 • 303.694.9262

Associate of Technical Studies Degree in Science and Health

The Associate of Technical Studies (ATS) degree program is designed to accommodate associate degree candidates whose careers and career preparation lie in fields of concentration other than those offered by Lakeland. It permits students to have college credit awarded for occupationally related education and training which may have been obtained outside the traditional college sector. Admission to Associate of Technical Studies degree candidacy is by application. Students interested in any ATS program should contact the ATS Counselor in the Counseling Office.

Degree programs exist in the following areas:

Nuclear Medicine

This is a cooperative program with the Nuclear Medicine Institute (NMI) at the University of Findlay, Findlay, Ohio. Students complete a core curriculum at Lakeland prior to acceptance at NMI.

Radiologic Technology

This program is available to students who have completed a two-year hospital based radiologic technology program accredited by the Joint Review Committee on Education in Radiologic Technology. Applicants to the program must be certified by the American Registry of Radiologic Technologists.



Opportunity starts **HERE**

Quality Education

- Over 130 degree and certificate programs
- Small classes taught by dedicated faculty with real world experience
- 96% of graduates find employment or continue their education

Credits Transfer

- Credits transfer easily to four-year colleges and universities
- The Holden University Center of Lakeland Community College gives you convenient access to complete a bachelor's or graduate degree from a variety of leading colleges and universities - right here in Lake County!

Affordable Tuition

- Save thousands on your college education
- Lakeland's tuition is about one-third the cost of most four-year schools
- Financial aid is available to those who qualify

Flexible Scheduling

- Convenient locations in Kirtland, Madison and Willowick
- Day, evening, weekend, online, and accelerated classes
- Adult Accelerated Degree Program - earn an associate degree in two years by taking classes in the evening and on Saturdays

Science, Mathematics and Health Division

Room H-306

Lakeland Community College
7700 Clocktower Drive
Kirtland, OH 44094

440.525.7180

lakelandcc.edu/academic/sh
health@lakelandcc.edu



LAKELAND
COMMUNITY COLLEGE

800.589.8520

www.lakelandcc.edu

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LAKELAND
COMMUNITY COLLEGE

SCIENCE, MATHEMATICS and HEALTH TECHNOLOGIES

Biotechnology Science

Dental Hygiene

Health Information Management Technology

Histotechnology

Medical Laboratory Technology

Multi-skilled Health Technology

Nursing (RN)

Radiologic Technology

Respiratory Therapy

Surgical Technology



Opportunity starts **HERE**

www.lakelandcc.edu

Science, Mathematics and Health Division

The Science, Mathematics and Health Division offers a variety of associate degrees and certificates that lead to exciting careers in healthcare and science fields. The demand for qualified workers in healthcare and science-related jobs is greater than ever. Employers actively recruit Lakeland graduates because of the college's reputation for quality health and science education.

Candidates for admission to science and health programs should review the college catalog for information regarding admission requirements, and meet with a college counselor and admissions representative.

Degree & Certificate Programs

Associate of Applied Science Degree

- Biotechnology Science
- Dental Hygiene
- Health Information Management Technology
- Histotechnology
- Medical Laboratory Technology
- Multi-Skilled Health Technology
- Nursing (RN)
- Radiologic Technology
- Respiratory Therapy
- Surgical Technology

Certificates

- Biotechnology Science
- Chemical Technician
- Multi-Skilled Health Technology
 - Coding
 - Electrocardiography
 - Emergency Medical Technology - Basic
 - Emergency Medical Technology - Paramedic
 - Health and Wellness
 - Massage Therapy
 - Medical Assisting
 - Phlebotomy
- Radiologic Technology
 - Computed Tomography
 - Magnetic Resonance Imaging

Associate of Technical Studies Degree

- Nuclear Medicine
- Radiologic Technology

Associate of Arts Degree

Associate of Science Degree

Transfer Module

- Biology
- Chemistry
- Geology
- Mathematics
- Physical Science
- Physics

Accreditation

The Higher Learning Commission of the North Central Association of Colleges and Schools



Degree Programs

www.lakelandcc.edu

Biotechnology Science



Biotechnology is the use of organisms, cells or their components to create products or solve problems. The biotechnology science program prepares students for entry-level laboratory technician positions in research and industrial laboratories engaged in biotechnology. Graduates may choose career paths in medical, pharmaceutical, agricultural, environmental, or forensic science industries, as well as basic biological research. In addition to classroom and laboratory instruction, students complete internships at leading biomedical research or industrial facilities. Numerous articulation agreements lead to an easy transition to a four-year degree.

Dental Hygiene



Dental hygienists are licensed members of the dental health team dedicated to helping patients maintain good oral health and prevent diseases and disorders. Students receive more than 700 hours of hands-on training working with patients in the college's state-of-the-art dental hygiene clinic. Lakeland's program is accredited by the Commission on Dental Accreditation of the American Dental Association*. Upon satisfactory completion of the Dental Hygiene National Board Examination, North East Regional Board Examination, and the Ohio Laws Test, graduates are eligible to apply for an Ohio Dental Hygiene License.

* Commission on Dental Accreditation - American Dental Association
211 East Chicago Avenue • Chicago, IL 60611-2678 • 312.440.2500

Health Information Management Technology



Health information management technology is a profession that focuses on healthcare data and the management of healthcare information resources, including the Electronic Health Record. Health information technologists work with medical records and statistics, code medical data, maintain health record systems, and control usage and release of health information. Lakeland's program is accredited by the Commission on Accreditation for Health Informatics and Information Management (CAHIIM)*

* Commission of Accreditation for Health Informatics and Information Management/CAJIM
233 N. Michigan Avenue • 21st Floor • Chicago, IL 60601 • 312.233.1100

Histotechnology



A histotechnician is an individual who is trained in the preparation and staining of tissue slides for microscopic examination and disease diagnosis by the pathologist. Histotechnicians may be employed in a variety of areas, such as hospitals, clinics, doctors' offices, research, veterinary pathology, and forensic pathology. Histotechnicians may preserve organs for later examination and perform enzyme immunohistochemistry techniques. Histotechnicians may also assist the pathologist in the preparation of frozen tissue sections which are used to provide rapid diagnosis. Lakeland's program is accredited by the National Accrediting Agency for CLS.

* National Accrediting Agency for Clinical Laboratory Sciences
5600 N. River Rd. • Suite 720 • Rosemont, IL 60016-5119 • 773.714.8880

Medical Laboratory Technology



Medical laboratory technology plays an important role in medical diagnostics. Working under the supervision of a medical technologist or pathologist, a medical laboratory technician performs testing which gives the physician clues as to the absence, presence, extent, and causes of disease. Lakeland's program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences*. Students gain hands-on training in a simulated hospital laboratory on campus and receive 450 clinical training hours at area laboratories.

* National Accrediting Agency for Clinical Laboratory Sciences
5600 N. River Rd. • Suite 720 • Rosemont, IL 60016-5119 • 773.714.8880

Multi-skilled Health Technology



Lakeland's multi-skilled health technology degree program is designed to meet the ever changing needs of the healthcare delivery system by preparing students with cross-training in more than one healthcare skill. Students in the degree program are required to choose at least two specialization areas in addition to general education and health technology core courses. Students who complete these specialization requirements will be eligible to sit for the appropriate certification or licensure examinations. Each area of specialization also offers a certificate program so students can expand their skill base.

Nursing (RN)



Lakeland's nursing program prepares students to become registered nurses in hospitals, nursing homes and other health agencies. Students receive more than 500 clinical practice hours within Northeast Ohio's most progressive healthcare facilities. Lakeland provides students with training in a state-of-the-art skills lab and simulated intensive care unit on campus, and access to a learning resource center. The program is accredited by the National League for Nursing Accrediting Commission (NLNAC)* and approved by the Ohio Board of Nursing. Upon program completion, graduates are eligible to take the NCLEX examination which leads to state licensure and registration as an RN.

* National League for Nursing Accrediting Commission
3343 Peachtree Rd., NE • Suite 500 • Atlanta, GA 30326 • 866.747.9965

Radiologic Technology



Radiographers, working under the supervision of qualified radiologists or physicians, perform imaging examinations, process radiographic images, evaluate radiographic equipment, manage quality assurance, provide patient education relevant to specific imaging procedures, and apply radiation protection principles to patients, self and others. Students gain extensive experience through 1,600 hours of clinical training at the top healthcare facilities throughout Northeast Ohio. Lakeland's program is accredited by the Joint Review Committee on Education in Radiologic Technology*. Graduates are eligible to apply for examination by the American Registry of Radiologic Technologists.

* Joint Review Committee on Education in Radiologic Technology
20 N. Wacker Drive • Suite 2850 • Chicago, IL 60606-3182 • 312.704.5300