



ALLIED HEALTH

Respiratory Care Technology

Careers

Presented by BGSU Firelands College, Huron, Ohio at LCCC.

Lorain County Community College, in Elyria, Ohio, and Bowling Green State University Firelands College, in Huron, Ohio, join in a unique partnership that brings an associate degree respiratory care technology program to the LCCC campus.

You can live without food for a few weeks. You can live without water for a few days. But if you are deprived of air, you will die within minutes. In terms of survival, breathing is your most immediate need. Respiratory care is the allied health profession that cares for patients with deficiencies and abnormalities of the cardiopulmonary system. The respiratory therapist sees a diverse group of patients ranging from newborn and pediatric to adult and elderly patients. Respiratory therapists are involved in critical care and work closely with physicians, nurses and other health care professionals. Respiratory therapists work under the direction of a physician and assist in the diagnosis, treatment and management of patients with cardiopulmonary disorders.

The program has two main components: Pre-Professional Year Courses and Professional Year Courses. The program requires completion of approximately 40-semester hours of pre-professional coursework followed by 36-semester hours of professional coursework.

Pre-professional coursework is offered and taught by LCCC faculty. Some first-year (pre-professional) courses have prerequisites, which may be waived dependent upon a student's assessment results or academic achievement in high school. This part of the program can be taken on a full-time or part-time basis. Professional Year coursework is also offered at LCCC and is taught by BGSU faculty.

The Professional Year curriculum includes lecture, pre-clinical skill development (lab) and clinical experiences. The clinical component of the program, which provides students with real-world, practical experience in an actual health-care facility, is offered at several hospital/medical center affiliates in the area. The Professional Year can be completed in three semesters.

Areas of study for the respiratory care program include communications, English, chemistry, physics, human anatomy and physiology, microbiology, psychology, mathematics and medical ethics. Technical coursework includes respiratory care theory and practice activities (laboratory and pre-clinical skill development) along with clinical experiences.

The program is fully accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) through the Committee on Accreditation for Respiratory Care (CoARC).

BGSU

Bowling Green State University

Job Outlook

The need for respiratory therapists is expected to grow faster than the national average for all occupations through the year 2010. As the number of older Americans increases and as new treatment advances are realized for heart attack and accident victims, premature babies and AIDS patients, an increased demand for respiratory therapists will be created. This field is considered one of the hottest job fields, with a bright future and a great deal of job security and opportunity for advancement.

Earnings

Average annual earnings of full-time salaried respiratory therapists may reach more than \$47,000, depending on the level of education achieved.

Accelerated Track

Students can complete this program in four semesters following pre-professional requirements.

For More Information

For more information about the LCCC/BGSU respiratory care technology program, please contact program advisors Robin Garland or Rod Roark (800) 322-4787 or (800) 995-LCCC, Ext. 4790 or direct-dial (440)366-4790.



Lorain County
Community College

Real Education. Real Jobs. A Real Future.

1 (800) 995-LCCC
www.lorainccc.edu

Respiratory Care Technology Careers

The Respiratory Care Technology Program Presented By Lorain County Community College and BGSU Firelands College

Associate of Applied Science in Respiratory Care Technology

This program prepares graduates to function as respiratory therapists in hospitals, skilled nursing and rehabilitation facilities, private homes, medical equipment supply companies, home health agencies, medical centers and physician offices. Upon completion of the program, graduates are eligible to sit for the National Board for Respiratory Care (NBRC) entry-level examination (Certified Respiratory Therapist examination). Successful completion of this exam is required to obtain a license to practice respiratory care in Ohio. Graduates can also sit for the Advanced Practitioner examination (Registered Respiratory Therapist examination) after successful completion of the entry-level exam.

Program Admission

Students interested in the respiratory care technology degree program must make formal application and meet the following criteria for consideration:

1. Be formally admitted to BGSU;
2. Submit a program application to the academic advisor (Ms. Robin Garland for LCCC campus based students; Mr. Rod Roark for Firelands campus based students). Applications are due by April 1 for Fall admission;
3. Be a graduate of an accredited high school and have attained an overall GPA of 2.0 on a 4 point scale in high school or, have earned the GED;
4. Complete prerequisites (Pre-professional requirements) with a grade of "C" or higher in all AHTH, BIOL, CHEM, and MEDT coursework (or equivalent coursework if transferring from another accredited institution);
5. Maintain a cumulative GPA of 2.5 or higher (on a 4 point scale) for all college/university coursework;
6. Complete a hospital/medical center tour of a respiratory or cardiopulmonary services department and submit the observation verification form to the academic advisor;
7. Complete an interview with the respiratory care admissions committee. Note: All admissions are subject to approval by the respiratory care admissions committee.

Program Progression

After gaining admittance into the degree program, students must continue to meet the following standards to progress:

1. Maintain a cumulative GPA of 2.5 or higher;
2. Earn a grade of "C" or higher in all RC courses;
3. Successfully complete (pass according to National Board for Respiratory Care "cut scores") the following NBRC/AMP self assessment examinations prior to graduation: Entry Level Exam (CRT), Advanced Practitioner Exam (RRT Written) (see Directed Practice Syllabi);
4. Comply with RC clinical policies and procedures.

Pre-Professional Year Courses (Three Semesters)

Course No.	Course Title	Credits
ENGL 161	College Composition I	3
MTHM 171	College Algebra or	4
MTHM 168	Statistics	3
BIOG 121	Anatomy & Physiology I	4
CHMY 161	General, Organic & Biochemistry	4
SDEV 101	The College Experience	1
ALHN 110	Medical Terminology	3
ALHN 118	Pharmacology for Allied Health and Nursing	3
PHLY 165	Bioethics	3
ENGL 162	College Composition II	3
BIOG 122	Anatomy & Physiology II	4
BIOG 251	General Microbiology	4
PSYH 151	Introduction to Psychology	3
Elective	General Studies Course	3

Professional Year Courses

Course No.	Course Title	Credits
RC 105	Introduction to Respiratory Care (web based)	2
RC 120	Principles of Respiratory Care I	3
RC 121	Principles of Respiratory Care II	3
RC 202	Cardiopulmonary/ Renal Anatomy & Physiology	3
RC 203	Pulmonary Pathophysiology	3
RC 221	Respiratory Critical Care Procedures	4
RC 222	Principles of Respiratory Care III	3
RC 240	Neonatal & Pediatric Respiratory Care	2
RC 251	Respiratory Care Directed Practice	3
RC 260	Cases & Reviews in Respiratory Care	2
RC 261	Respiratory Care Directed Practice	2
RC 271	Respiratory Care Directed Practice	2
RC 281	Respiratory Care Directed Practice	4

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 programs and services through the 2001 opening of the LCCC Learning Center in Lorain. Partnerships with Lorain County's K-12 school districts have also led to important developments for the community. More than 800 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 30 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 to offering 30 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, as the slogan says, leads students into "real jobs and real futures." To find out more, call (800) 995-LCCC or visit LCCC's Connections Center or the LCCC Learning Center in Lorain 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

1005 Abbe Road North
Elyria, OH 44035
www.lorainccc.edu