

# Lakeland

COMMUNITY COLLEGE

PROGRAM GUIDE

Applied Studies Division

## Surgical Technology

- Associate of Applied Science Degree in Surgical Technology

Opportunity  
starts **HERE**  
[lakelandcc.edu](http://lakelandcc.edu)



# Surgical Technology



Surgical technologists are integral members of the surgical team, working closely with surgeons, anesthesiologists, registered nurses, and other surgical personnel in delivering safe patient care before, during and after surgery. Surgical technologists have primary responsibility for maintaining the sterile field and ensuring that the surgical team adheres to sterile techniques. They prepare, setup and handle the instruments, supplies and equipment necessary for the surgical procedure. Surgical technologists also monitor conditions in the operating room and constantly assess the needs of the surgical team.

Prior to surgery, surgical technologists work with the surgical team to prepare for surgery. During surgery, surgical technologists pass instruments and other sterile supplies to surgeons such as retractors, sponges and needles, or operate equipment and suction machines. After surgery, technologists care for equipment and specimens.

Surgical technologists must have manual dexterity, always be familiar with the latest procedures, and have the emotional stability and mental clarity to deal with the environment of an operating room. They must be able to respond quickly, be conscientious, and keep order in what can become stressful situations. Advancement is available for surgical technologists through continuing education, and for those who specialize in particular areas of surgery, such as open heart surgery, transplants or neurosurgery.

## Career Opportunities

Employment of surgical technologists is projected to grow 12 percent through 2026. According to the U.S. Bureau of Labor Statistics, the median annual salary was \$45,160 (Source: <https://www.bls.gov/ooh/healthcare/surgical-technologists.htm>).

The combination of a rising population and aging baby boomers impacts the number of technologists needed in health care. Older generations typically require more medical care and surgical procedures.

Additionally, advances in surgical instruments and machinery, such as laser technology, impact the demand for trained surgical technologists.

Most surgical technologists work in hospital operating and delivery rooms. However, there are increasing opportunities for employment in outpatient surgery centers and organ recovery groups.

## Lakeland's Program

Students in Lakeland's in surgical technology program gain knowledge and instruction through lectures and off-site clinical training at the top area health care organizations. They also gain essential hands-on experience in the college's state-of-the-art simulated surgical lab, which is a "working" operating room. Coursework includes the study of anatomy and physiology, surgical technology, surgical pharmacology and microbiology. The program is designed to provide students with the skills needed to gain immediate employment with elite health care facilities locally and nationally.

Upon completion of the program, graduates receive an Associate of Applied Science degree in surgical technology and will take the certifying examination administered by National Board for Surgical Technology and Surgical Assisting (NBSTSA) at graduation.

The program is accredited by the Commission on Accreditation of Allied Health Education Programs.

CAAHEP  
25400 U.S. Highway 19 North, Suite 158 • Clearwater, FL 33763  
727.210.2350 • [www.caahep.org](http://www.caahep.org)

## The Lakeland Advantage

- An active and professional Student Surgical Technologists Association.
- Associate of applied science degree in surgical technology.
- Perioperative Learning Laboratory with state-of-the-art equipment.
- Clinical training and professional knowledge put our graduates in high demand.
- National certification exam pass rate for 2014-2017 is 100 percent.

## For more information

1.800.589.8520 • [lakelandcc.edu](http://lakelandcc.edu)  
Janice Lawrenz, BS, AAS, CST  
Program Director, Surgical Technology & Perioperative Education  
Room: H-267 • 440.525.7016 • [jlawrenz1@lakelandcc.edu](mailto:jlawrenz1@lakelandcc.edu)

To further your education, Lakeland's Holden University Center offers a variety of bachelor's degree programs from a number of four-year colleges and universities offering you the opportunity to *stay here and go far!* Visit [lakelandcc.edu/uc](http://lakelandcc.edu/uc) to explore your options.



### First Semester:

BIOL 2210	.....Anatomy and Physiology I	4
ENGL 1110*	.....English Composition I (A)	3

**OR**

ENGL 1111	.....English Composition I (B)	
FYEX 1000	.....First Year Experience	1
HLTH 1215	.....Medical Terminology for Health Professionals	3
SURG 1100	.....Surgical Technology I	5

**16**

### Second Semester:

BIOL 2220	.....Anatomy and Physiology II	4
MATH 1330	.....Statistics for the Health Sciences	3

**OR**

MATH 1650	.....College Algebra	
SURG 1300	.....Surgical Technology II	7
SURG 1500	.....Surgical Pharmacology	2
SURG 2600	.....Surgical Technology Seminar	1

**17**

### Summer:

COMM 1000	.....Effective Public Speaking	3
-----------	--------------------------------	---

**OR**

COMM 1100	.....Effective Interpersonal Communication	
SURG 2100	.....Surgical Technology III	5

**8**

### Third Semester:

BIOL 2700	.....Microbiology	4
SURG 2300	.....Surgical Technology IV	7
Choose course(s) from the Social and Behavioral Sciences Electives list		3

**14**

### Fourth Semester:

SURG 2500	.....Surgical Technology V	7
Choose course(s) from the Arts and Humanities Electives list		3

**10**

**Program Total: 65**

\*English course selection is based on test placement results (ENGL 1111 is 4 credits,

#### Arts and Humanities Electives: minimum 3 credits

ARTS 1120, 2220, 2230; ENGL 2250, 2260, 2280, 2290; HUMX 1100, 1200; MUSC 1200, 1215, 1800, 2200, 2250; PHIL 1500, 2000; PHOT 1000

#### Social and Behavioral Sciences Electives: minimum 3 credits

ANTH 1160; ECON 1150, 2500, 2600; GEOG 1500, 1600, 2500; HIST 1150, 1250, 2150, 2250; POLS 1300, 2500; PSYC 1500; SOCY 1150



## Lakeland Community College Admission Requirements

For admission into Lakeland, students must be a high school graduate or have obtained a high school diploma equivalency. Please consult Lakeland Community College's Enrollment Guide (available on Lakeland's website at lakelandcc.edu/enrollment) for specific admissions requirements and procedures.

## Health Program Admission Requirements

**Students must meet specific admission requirements for this program.** Listed below are requirements for admission to the Surgical Technology Program:

#### OPTION 1: High School Option

This option is for current high school seniors or high school graduates who apply to the program within two years of high school graduation.

- Complete college application(s).
- Composite score of 21 or higher on the American College Test (ACT) or combined score of 1400 on the Scholastic Aptitude Test (SAT).
- Place into MATH 1330 Statistics for the Health Sciences or higher or pass MATH 0850 Beginning Algebra.
- Complete high school algebra, chemistry, and biology with a "C" grade or higher.
- An overall high school GPA of 2.5 on a 4.0 scale or equivalent.
- Meet with the program director and counselor to review program prerequisites and requirements.

Upon successful completion of the above criteria, the applicant will be admitted into the program. Students must complete HLTH 1215 (Medical Terminology for Health Professionals) with a "C" grade or higher prior to enrolling in their first health technology course.

#### OPTION 2: College Option

This option is for students who do not qualify for admission under Option 1.

- Complete college application(s).
- Submit high school transcript as well as any college transcript(s).
- Successful passing score on the required program pre-admission test.
- Meet with the program director and counselor to review program prerequisites and requirements.
- Students must have a cumulative GPA of 2.0 or higher in program applicable courses. The following courses, or equivalent courses from other regionally accredited colleges, must be completed with a combined minimum cumulative GPA of 2.5 or higher and a "C" grade or higher.
  - HLTH 1215 Medical Terminology for Health Professionals
  - BIOL 2210 Anatomy & Physiology I

**NOTE:** Students must meet one of these requirements to take BIOL 2210 with a "C" or higher:

1. High school biology within last five years and high school chemistry.
2. High school biology within last five years and CHEM 1100 Elementary Chemistry.
3. Biology 1200 Fundamentals of Biology for the Health Technologies.

Students are required to take the Math Placement Test and be placed into MATH 1330 or complete MATH 0850 with a "C" grade or higher.

#### OPTION 3: Advanced Education Option


Students pursuing this option must have an Associate of Applied Science Degree in Nursing or Allied Health, Bachelor of Science Degree in a natural science, or an Associate of Science Degree to be waived from the preadmission testing. All other Option 2 requirements apply.

**Note:** Students planning to transfer to a four-year college are encouraged to take ENGL 1120 English Composition II in addition to program requirements.

## Surgical Technology



Curriculum and program requirements are subject to change. Find the most up-to-date information in the college catalog, available on the website at [lakelandcc.edu](http://lakelandcc.edu).

- 
- ▶ **Quality Education**  
Lakeland prepares you for a high-demand career or for transfer to a four-year college or university. Professors at Lakeland are experts in their fields with real-world experience. Small class sizes allow for personalized attention.
  - ▶ **Affordable Tuition**  
Save thousands on your college education. Lakeland's tuition is about one-third the cost of most four-year schools. Financial assistance is available, including federal and state grants, scholarships, loans, and work study employment.
  - ▶ **Convenience**  
Lakeland offers convenient day, evening and weekend class times, and a growing number of online courses. The main campus in Kirtland is only 20 miles northeast of Cleveland. Classes are also offered in Madison.
  - ▶ **Focus on Students**  
Lakeland offers a variety of student services to help you succeed, such as counseling, tutoring, wireless computer labs, career services, free parking, and affordable child care.

### Accreditation

Lakeland Community College is accredited through the Higher Learning Commission (HLC) and participates in the Academic Quality Improvement Program (AQIP). The Higher Learning Commission, 230 South LaSalle Street, Suite 7-500, Chicago, IL 60604-1413, phone: 800.621.7440, [www.hlcommission.org](http://www.hlcommission.org).

**Lakeland**  
COMMUNITY COLLEGE