

Lakeland

COMMUNITY COLLEGE

PROGRAM GUIDE

Applied Studies Division

Surgical Technology

- Associate of Applied Science Degree in Surgical Technology

 Opportunity
starts **HERE**
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

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 2014-2018 is 100 percent.

For more information

1.800.589.8520 • lakelandcc.edu
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Surgical Technology (9335)

Associate of Applied Science Degree

Surgical technologists, who are integral members of the surgical team, work closely with surgeons, anesthesiologists, registered nurses and other surgical personnel in delivering 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 aseptic techniques. They prepare, set up, and handle the instruments, supplies, and equipment necessary for the surgical procedure. In addition, they monitor conditions in the operating room and constantly assess the needs of the patient and the surgical team.

Upon successful completion of Lakeland's Surgical Technology program, graduates take the certifying examination administered by the National Board for Surgical Technology and Surgical Assisting (NBSTSA).

Students must be admitted to the Surgical Technology program to enroll in SURG courses. Other courses may be taken prior to admission to the program.

All students enrolled in a nursing or allied health program/certificate must complete a criminal background check and drug screen. In accordance with clinical site requirements, students with a criminal record may be ineligible to participate in a clinical course/rotation/practicum. Delays, for any reason, in obtaining background results may cause an interruption in the clinical rotation sequence or inability to complete program requirements. Additional background screening may be required by individual facilities.

Drug testing may be requested in accordance with clinical affiliation requirements and/or for patient/student health and safety.

A minimum GPA of 2.0 and a 'C' grade or higher is required in all surgical technology and general education courses as listed in the curriculum guide for the AAS degree in surgical technology.

Admission Procedures

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 940 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 Professions 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 Professions
 - BIOL 2210 Anatomy and Physiology I

NOTE: Students must meet one of these requirements to take BIOL 2210 Anatomy and Physiology I with a 'C' or higher:

NOTE: Students must meet one of these requirements to take BIOL 2210 Anatomy and Physiology I 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. BIOL 1200 Fundamentals of Biology for the Health Technologies

Students are required to take the Math Placement Test and be placed into MATH 1330 Statistics for the Health Sciences or complete MATH 0850 Beginning Algebra 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 the following requirements.

Course	Title	Credit Hours
First Semester		
BIOL 2210	Anatomy and Physiology I	4
ENGL 1110 or ENGL 1111	English Composition I (A) ¹ or English Composition I (B)	3
FYEX 1000	First Year Experience	1
HLTH 1215	Medical Terminology for Health Professions	3
SURG 1100	Surgical Technology I 	5
Credit Hours		16
Second Semester		
BIOL 2220	Anatomy and Physiology II	4
MATH 1330	Statistics for the Health Sciences (or any mathematics course from MATH 1550 or higher) ²	3
SURG 1300	Surgical Technology II 	7
SURG 1500	Surgical Pharmacology 	2
Credit Hours		16
Summer		
COMM 1000 or COMM 1100	Effective Public Speaking or Effective Interpersonal Communications	3
SURG 2100	Surgical Technology III 	5
Credit Hours		8
Third Semester		
BIOL 2700	Microbiology	4
SURG 2300	Surgical Technology IV 	7
Select course(s) from the Social and Behavioral Sciences Electives list		3
Credit Hours		14
Fourth Semester		
SURG 2500	Surgical Technology V 	7
SURG 2600	Surgical Technology Seminar 	1
Select course(s) from the Arts and Humanities Electives list		3
Credit Hours		11
Total Credit Hours		65

¹ English course selection is based on test placement results (ENGL 1111 English Composition I (B) is 4 credits, only 3 credits apply to the degree).

² Students planning to transfer to a four-year college should take a sequence of math as advised by their counselor

 This course is designated as a technical course in the program. Students must earn a 'C' grade or higher in the course to fulfill the college's graduation requirements policy.

Electives

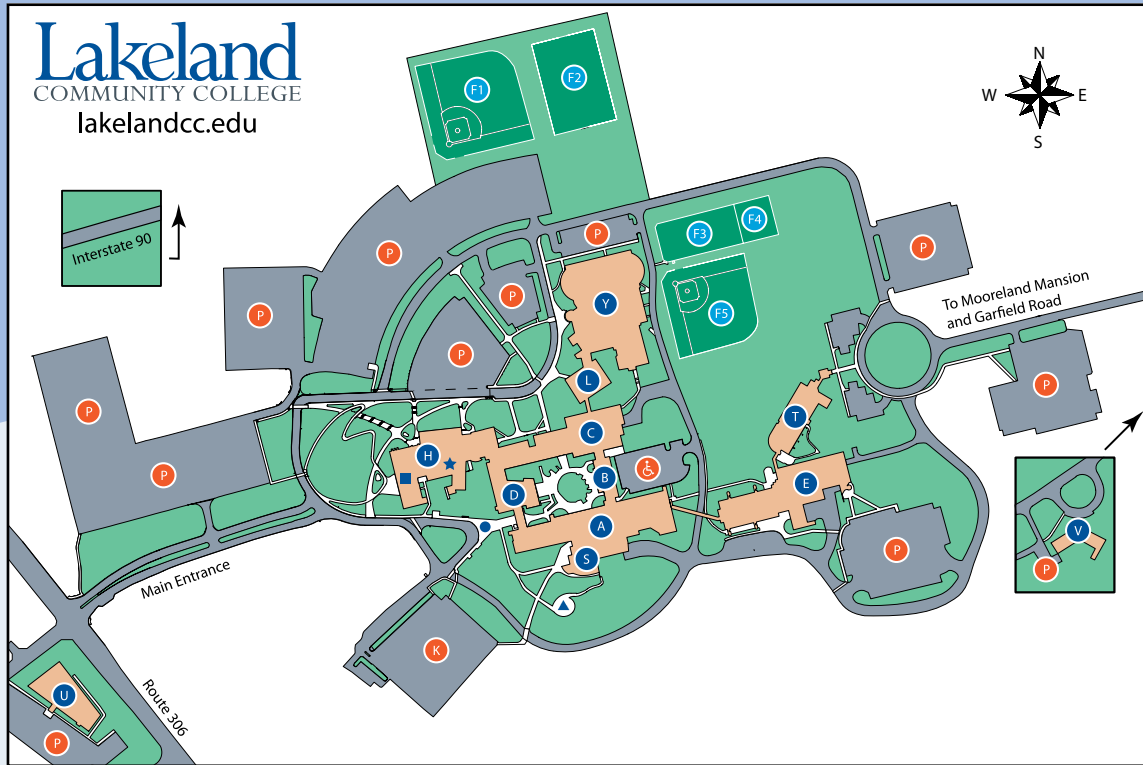
Course	Title	Credit Hours
Arts and Humanities		
ARTS 1120	Art Appreciation	3
ARTS 2220	Survey of Art I	3
ARTS 2230	Survey of Art II	3
ENGL 2250	Survey of American Literature I	3
ENGL 2260	Survey of American Literature II	3
ENGL 2280	Survey of British Literature I	3
ENGL 2290	Survey of British Literature II	3
HUMX 1100	Introduction to Humanities	3
HUMX 1200	The American Experience in the Arts	3
MUSC 1200	Music Appreciation	3
MUSC 1215	World Music	3
MUSC 1800	Popular Music: Rock, Jazz, Country, and Hip-Hop	3
MUSC 2200	Music History and Literature I	3
MUSC 2250	Music History and Literature II	3
PHIL 1500	Introduction to Philosophy	3
PHIL 2000	Comparative Religion	3
PHOT 1000	History of Photography	3
Social and Behavioral Sciences		
ANTH 1160	Introduction to Cultural Anthropology	3
ECON 1150	Basic Economics	3
ECON 2500	Principles of Macroeconomics	3
ECON 2600	Principles of Microeconomics	3
GEOG 1500	Introduction to Geography	3
GEOG 1600	World Regional Geography	3
GEOG 2500	World Cultural Geography	3
HIST 1150	Western Civilization I: Antiquity Through the Reformation	3
HIST 1250	Western Civilization II: Age of Revolution Through the Present	3
HIST 2150	U.S. History: Colonization Through Reconstruction	3
HIST 2250	U.S. History: Reconstruction to the Present	3
POLS 1300	U.S. National Government	3
POLS 2500	Modern Political Ideologies	3
PSYC 1500	Introduction to Psychology	3
SOCY 1150	Principles of Sociology	3

NOTES:



NOTES:





CAMPUS MAP

- A** A-Building/
Student Service Center
- B** B-Building
- C** C-Building
- D** D-Building
- E** E-Building
- F1** Baseball Field
- F2** Soccer Field

- F3** Tennis Courts
- F4** Multi-Purpose Court
- F5** Softball Field
- H** H-Building
- K** Faculty Staff Lot
- L** Teaching Learning Center
- P** Parking
- S** S-Building/Breakers Dining
- T** T-Building

- U** Holden University Center
- V** Mooreland Mansion
- Y** Athletic & Fitness Center
- Clocktower
- ★ Dental Hygiene Clinic
- ♿ Handicap Parking
- HIVE
- ▲ Mind Ladders

Quality Education

Professors at Lakeland are experts in their fields with real-world experience. Lakeland prepares you for a high-demand career or for transfer to a four-year college or university. Access to bachelor's and graduate degrees is available on campus from partner institutions through Lakeland's Holden University Center (lakelandcc.edu/uc).

Affordable Tuition

Lakeland's tuition is about one-third the cost of most four-year schools. More than 50 percent of Lakeland students receive some form of financial assistance (lakelandcc.edu/tuition).

Convenience

Lakeland offers convenient day, evening, weekend and online courses (lakelandcc.edu/schedule).

Focus on Students

Lakeland offers a variety of student services to help you succeed, such as counseling, tutoring, computer labs, career services, free parking and affordable child care.

Opportunity starts HERE

Visit us on campus or online. Call 440.525.7900, email recruitmentcenter@lakelandcc.edu or visit lakelandcc.edu/visit for a campus tour.

Apply online: lakelandcc.edu/apply

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, hlcommission.org.