

Associate of Applied Science Degree Science and Health Technologies

Surgical Technology (9335)

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. 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 better is required in all science and program-specific courses for graduation.

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. **Please Note: Deadlines for submission of applications may be obtained from the admissions or counseling offices.**

- 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).
- Complete high school algebra, chemistry, and biology with a "C" grade or better.
- 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 1210 (Medical Terminology) with a "C" grade or better 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. **Please Note: Deadlines for submission of applications may be obtained from the admissions or counseling offices.**

- 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.
- The following courses, or equivalent courses at other regionally accredited colleges, must be completed with a "C" or better and have a minimum cumulative GPA in program applicable courses of 2.5 or better.
 - HLTH 1210 Medical Terminology
 - BIOL 2210 Anatomy & Physiology I

NOTE: Students must meet one of these requirements to take BIOL 2210:

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

Students are required to take the Math Placement Test and be placed into MATH 0950 or complete MATH 0850 with a "C" grade or higher.

First Semester:

BIOL 2210.	Anatomy and Physiology I	4
ENGL 1110*	English Composition I (A)	3
OR		
ENGL 1111.	English Composition I (B)	3
HLTH 1210	Medical Terminology	2
ITIS 1000**	Introduction to Personal Computers	1
SURG 1100.	Surgical Technology I.	5
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Second Semester:

BIOL 2220.	Anatomy and Physiology II.	4
ENGL 1120.	English Composition II	3
SURG 1300.	Surgical Technology II	7
SURG 1500.	Surgical Pharmacology	2
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Summer Semester:

SPCH 1000	Effective Public Speaking	3	
OR			
SPCH 1100	Effective Interpersonal Communications	3	
SURG 2100.	Surgical Technology III	5	
		Choose course(s) from the Arts and Humanities Electives list.	3
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Third Semester:

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

Fourth Semester:

SURG 2500Surgical Technology V9
SURG 2600Surgical Technology Seminar1
Choose course(s) from the Program Electives list3

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Program Total: 69

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

***Students may substitute ITIS 1005. This 3 credit hour course may be needed by students transferring to a four-year college. The additional credits can be applied towards the Program Electives credits.*

Program Electives: minimum 3 credits

Any additional course(s) from the Arts and Humanities Electives list.
Any additional course(s) from the Social and Behavioral Sciences Electives list.
BIOL 2800Immunology2
CHEM 1050Chemistry in the Everyday World3
HLTH 1220Advanced Medical Terminology2
HLTH 1240Phlebotomy3
HLTH 1300Nutrition and Family Health2
HLTH 1500Ethics and Legal Issues for Health Professionals2
HLTH 1700Basic Electrocardiography2
HLTH 2100Pathophysiology3
ITIS 1005*Computers and Information Processing3
MATH 1550Statistics4
MATH 1650College Algebra4

**Students who substitute ITIS 1005 for the required course ITIS 1000 can apply the additional 2 credits towards the Program Electives.*

Arts and Humanities Electives: minimum 3 credits

ARTS 1120, 2220, 2230, 2240; ENGL 2250, 2260, 2280, 2290; HUMX 1100, 1200; MUSC 1200, 2200, 2250; PHIL 1500, 2000

Social and Behavioral Sciences Electives: minimum 3 credits

ANTH 1160; ECON 1150, 2500, 2600; GEOG 1500, 1600, 2500; HIST 1100, 1200, 2100, 2200, 2400; POLS 1300, 2500; PSYC 1500; SOCY 1150