

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 higher 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 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 1210 (Medical Terminology) 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. **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 higher and have a minimum cumulative GPA in program applicable courses of 2.5 or higher.
 - HLTH 1210 Medical Terminology
 - BIOL 2210 Anatomy & Physiology I

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

- 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 1550 or complete MATH 0950 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.

First Semester:

BIOL 2210	Anatomy and Physiology I4
ENGL 1110*	English Composition I (A)3
OR		
ENGL 1111	English Composition I (B)2
HLTH 1210	Medical Terminology2
ITIS 1000**	Introduction to Personal Computers1
SURG 1100	Surgical Technology I5

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Second Semester:

BIOL 2220	Anatomy and Physiology II4
ENGL 1120	English Composition II3
SURG 1300	Surgical Technology II7
SURG 1500	Surgical Pharmacology2

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Summer:

SPCH 1000	Effective Public Speaking3	
OR			
SPCH 1100	Effective Interpersonal Communications5	
SURG 2100	Surgical Technology III5	
Choose course(s) from the Arts and Humanities Electives list3

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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

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Fourth Semester:

SURG 2500	Surgical Technology V	9
SURG 2600	Surgical Technology Seminar	1
Choose course(s) from the Program Electives list		3

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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 2800	Immunology	2
CHEM 1050	Chemistry in the Everyday World	3
HLTH 1220	Advanced Medical Terminology	2
HLTH 1240	Phlebotomy	3
HLTH 1300	Nutrition and Family Health	2
HLTH 1500	Ethics and Legal Issues for Health Professionals	2
HLTH 1700	Basic Electrocardiography	2
HLTH 2100	Pathophysiology	3
ITIS 1005*	Computers and Information Processing	3
MATH 1550	Statistics	4
MATH 1650	College Algebra	4

**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; ENGL 2250, 2260, 2280, 2290; HUMX 1100, 1200; MUSC 1200, 1215, 1800, 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