

SURGICAL TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE

Curriculum Code #2407

Effective May 2025

Division of Health and Wellness Sciences (<http://catalog.lorainccc.edu/academic-programs/allied-health-nursing-health-physical-education-recreation/>)

The Surgical Technology Program at Lorain County Community College offers a comprehensive and hands-on education that prepares students for a rewarding career in the healthcare field. Surgical technologists are essential members of surgical teams, working alongside surgeons, nurses, and other healthcare professionals to ensure safe and successful surgical procedures. With a strong emphasis on practical skills, theoretical knowledge, and clinical experience, our program equips students with the expertise needed to excel in this dynamic and critical role.

Our Surgical Technology program is accredited by both ARC-STSA (Accreditation Review Council on Education in Surgical Technology and Surgical Assisting) and CAAHEP (Commission on Accreditation of Allied Health Education Programs), ensuring that our curriculum meets the highest industry standards. Upon successful completion of our program, students will be eligible to sit for the NBSTSA (National Board of Surgical Technology and Surgical Assisting) CST (Certified Surgical Technologist) exam, a nationally recognized certification that opens doors to a wide range of rewarding career opportunities in surgical technology. Graduates of this program are also prepared for continuing education in health sciences. Lorain County Community College has articulation agreements with colleges and universities including programs offered by Lorain County Community College's University Partnership.

Preadmission Courses

Preadmission Courses		Hours
SRGT 101	CAREER EXPLORATION IN SURGICAL TECHNOLOGY ¹	1
ALHN 112	INTRODUCTION TO MEDICAL TERMINOLOGY ^{1,6}	1
ALHN 113	INTRODUCTION TO PATIENT CARE ^{1,2}	1
BIOG 221	ANATOMY & PHYSIOLOGY I ¹	4
ENGL 161	COLLEGE COMPOSITION I ⁴	3
MTHM 158 or MTHM 168	QUANTITATIVE REASONING ⁴ or STATISTICS	3
SDEV 101	INTRODUCTION TO THE LCCC COMMUNITY ³	1
Hours		14

First Year

Fall Semester

BIOG 222	ANATOMY AND PHYSIOLOGY II ^{1,4}	4
SRGT 110	SURGICAL STERILIZATION METHODS (Second 8 weeks) ^{1,4}	2
SRGT 120	SURGICAL PHARMACOLOGY (First 8 weeks) ^{1,4}	2

SRGT 125	INTRODUCTION TO SURGICAL TECHNOLOGY (Full Term) ^{1,4}	6
Hours		14
Spring Semester		
SRGT 114	SURGICAL TECHNOLOGY II - SURGICAL PROCEDURES ^{1,4,5}	8
BIOG 251	GENERAL MICROBIOLOGY ^{1,4}	4
Hours		12
Summer Semester		
ALHN 121	GENERAL PATHOLOGY ^{1,4}	2
SRGT 215	SURGICAL TECHNOLOGY III SURGICAL PROCEDURES ^{1,4,5}	8
Hours		10
Second Year		
Fall Semester		
SRGT 230	ADVANCED SURGICAL TECHNOLOGY CONCEPTS (Full term) ^{1,4,5}	8
SOCY 151G or PSYH 151	INTRODUCTION TO SOCIOLOGY or INTRODUCTION TO PSYCHOLOGY	3
CISS 121	MICROCOMPUTER APPLICATIONS I	3
Hours		14
Total Hours		64

1

Indicates that a grade of C (2.0) or better must be earned in order to continue in the sequence.

2

Students who have successfully completed STNA 114 or are currently licensed as a State Tested Nursing Assistant are not required to take ALHN 113.

3

A student must register for the orientation course when enrolling for more than six credit hours per semester or any course that would result in an accumulation of 12 or more credit hours

4

Indicates that this course has a prerequisite.

5

This course offers an opportunity for experiential learning.

6

Students who have taken ALHN 110 or MDAS 113 are not required to take ALHN 112.

American Heart Association Healthcare Provider certification is required upon entrance into the program.

ALL SRGT core courses must be taken in sequence.

Also accepting for a Spring Cohort. Also accepting a spring cohort. Students starting in the spring semester will follow the same sequence. SRGT courses will be in the sequence of:

1. Spring - SRGT 125, SRGT 110, and SRGT 120
2. Summer - SRGT 114
3. Fall - SRGT 215
4. Spring - SRGT 230 (graduation occurring at the end of Spring of the Second Year)

Program Contact(s):

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For information about admissions, enrollment, transfer, graduation and other general questions, please contact your advising team (<https://www.lorainccc.edu/admissions-and-enrollment/advising-and-counseling/>).

Program Mission Statement: Our Surgical Technology Program is committed to providing students with a comprehensive education in surgical technology, ensuring they meet the highest standards of competence and professionalism. Our program aligns with the Core Curriculum for Surgical Technology 7th Edition set by the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC-STSA) to prepare students for successful careers in surgical technology.

Minimum Expectations Statement: "To Prepare entry-level Surgical Technologists who are competent in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains to enter the profession.

Admission Requirements for Surgical Technology

1. Official high school or GED and college/program transcripts (if applicable) on file in the LCCC Records office.
2. To be considered for the program.
 - a. Fall Cohort Start: A program application form will need to be on file by April 5 for the following Fall semester selection.
 - b. Spring Cohort Start: A program application form must be on file by September 5 for the following Spring semester selection.
 - c. Application submitted after the deadline are accepted based on available seats and on first come first serve basis.
3. Minimum GPA of 2.0 for college-level courses including transfer/transient work (excludes developmental education and more than two physical education courses).
4. Satisfactory completion of the pre-admission courses on the surgical technology curriculum guide with a grade of "C" or better in all listed ALHN and BIOG courses. Pre-admission courses include the following college or post-secondary education coursework:
 - SRGT 101 CAREER EXPLORATION IN SURGICAL TECHNOLOGY
 - ALHN 112 INTRODUCTION TO MEDICAL TERMINOLOGY
 - ALHN 113 INTRODUCTION TO PATIENT CARE
 - BIOG 221 ANATOMY & PHYSIOLOGY I
 - ENGL 161 COLLEGE COMPOSITION I
 - MTHM 158 QUANTITATIVE REASONING
 - OR MTHM 168 STATISTICS
 - SDEV 101 INTRODUCTION TO THE LCCC COMMUNITY

Allied health professionals: Applicants from a patient care related allied health/nursing background may transfer credit or receive credit through prior learning assessment for the following Surgical Technology preadmission courses:

- ALHN 113 INTRODUCTION TO PATIENT CARE
- SRGT 110 SURGICAL STERILIZATION METHODS

ADMISSION PROCEDURES:

- a. Each fall and spring semester, a maximum of 16 applicants will be admitted to the SRGT program.
- b. The following criteria (listed in the order of consideration), will be utilized to rank the pool of applicants:
 1. Applications submitted in completion (Meaning all pre-admission items are complete at the time of applying)
 2. Total number of SRGT support courses completed
 3. Comprehensive Grade Point Average
 4. Date application is completed
- c. Only select Pre-Admission Requirements can be in progress at the time of applying. The preadmission requirements allowed to be in progress while applying for the SRGT program are as follows:

i. No more than **two preadmission courses can be in progress**. The in-progress preadmission courses must be complete by the end of the semester the student is applying in (e.g., a student can apply for the Fall semester if they have one of the preadmission courses in progress and all others completed with a "C" or higher, as long as the in-progress course is completed with a "C" or higher by the end of the Spring semester). Student will also have their GPA reevaluated at the time of completing this item to ensure they still meet the 2.0 GPA requirement.

ii. Official High School transcripts received, reserved for students enrolled in CCP. Student will also have their GPA reevaluated at the time of completing this item to ensure they still meet the 2.0 GPA requirement. Student is responsible for getting transcripts sent to LCCC for evaluation at the time of their graduation from CCP program.

- d. If an applicant's GPA falls below 2.0, they will be removed from the applicant pool.

PROGRAM ADMISSION:

a. Admitted students will be given a deadline to either accept or decline their seat in the program. **If the applicant fails to respond to the admission notification by the deadline, the seat in the program will be extended to the next eligible candidate in the applicant pool.** The notification cycle will be repeated until the program has been filled. Once an applicant has enrolled in any SRGT program course, they will be considered a SRGT student, and thus removed from all other allied health applicant pools. Additionally, an SRGT student will not be permitted to apply to any other allied health program while enrolled in the SRGT program.

ADDITIONAL INFORMATION

a. SRGT students must earn a grade of C or better in each course outlined on the SRGT curriculum guide and maintain a 2.0 cumulative GPA.

Additionally, students must have a C or better in each science and math course. Newly admitted students will also be required to:

- i. Complete the Health Packet items and Physical Examination Record (available the LCCC website), and obtain an annual flu shot.

- ii. Provide proof of current American Heart Association - Healthcare Provider or BLS CPR certification. No other CPR Card will be accepted. This requirement may be completed at LCCC by taking Basic First Aid & Safety - HLED 153 (2 cr.), or CardioPulmonary Resuscitation - HLED 154, (1 cr.), or BLS for the Healthcare Provider - NEMS 150 (non-credit). Likewise, CPR Renewal Certification AHA/ BLS/HCP - HLED 164 (1 cr.) is offered at LCCC for an individual whose CPR certification is due to expire.
- iii. Submit to a background screening and drug testing— it may not be possible to secure clinical placement for a student whose background check (or other required exams), reflect previous and/or current infractions or other disqualifying information.
- iv. Students will be given a deadline to complete and submit the items indicated above. Failure to adhere to the deadline will result in the loss of one's seat in the program. Lastly, SRGT students will be expected to be familiar with all policies and procedures contained in the **SRGT Student Handbook**.

Learn more about Allied Health program requirements (<http://catalog.lorainccc.edu/academic-information/allied-health-nursing-admissions/>)

Credit for Prior Learning (PLA) options may be available for your program. For more information, please visit our website: www.lorainccc.edu/PLA (<http://www.lorainccc.edu/PLA/>)

Program Learning Outcomes

1. Demonstrates comprehensive knowledge of surgical procedures across various specialties and phases (Preoperative, intraoperative, and postoperative), including proficiency in modern surgical technology equipment. (Cognitive)
 - a. Assessed by comprehensive exams
2. Demonstrate the ability to analyze complex surgical situations by making informed decisions and displaying adaptably to challenges in the operating room.
 - a. Assessed by final lab checkoff, clinical evaluations and surgical case reports
3. Exhibit proficiency in essential surgical technology skills, including aseptic techniques, surgical instrument identification, and patient care during surgical procedures. (psychomotor)
 - a. Assessed by clinical evaluations and laboratory checkoffs
4. Prioritize patients' best interest by integrating recognition of their social, cultural, religious, and ethical beliefs. (behavioral)
 - a. Assessed by comprehensive exams and clinical evaluations
5. Prioritizing patient safety through infection control measures and maintaining a sterile field. (behavioral)
 - a. Assessed by comprehensive exams and clinical evaluations
6. Communicate effectively with healthcare team members, patients, and their families while upholding the highest standards of ethics and professionalism by adhering to the AST (Association of Surgical Technologists) code of ethics. (professional ethics and communication)
 - a. Assessed by clinical evaluations and case studies
7. Be prepared to successfully pass the national certification exam (CST) and recognize the importance of ongoing learning, leadership and professional development. (program effectiveness)
 - a. Assessed by CST Mock exam scores, employer and graduate surveys