

# SURGICAL TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE

Curriculum Code #2407

Effective May 2023

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

The surgical technology program prepares its graduates with a thorough knowledge of the principles and practices of surgical procedures and functions in the operating room. Students of the program will be involved with gainful surgical experience and skill based learning across a wide variety of surgical specialties. Upon graduation, students will mature into independent practicing surgical technologists, ready for employment in a hospital operating room setting. Graduates will obtain an associate of applied sciences degree and eligibility to take the national Certified Surgical Technologist (CST) examination from the National Board of Surgical Technologists and Surgical Assistants (NBSTSA). 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
ALHN 108	CAREER EXPLORATION IN SURGICAL TECHNOLOGY <sup>1</sup>	1
ALHN 112	INTRODUCTION TO MEDICAL TERMINOLOGY <sup>1</sup>	1
ALHN 113	INTRODUCTION TO PATIENT CARE <sup>1</sup>	1
BIOG 221	ANATOMY & PHYSIOLOGY I <sup>1</sup>	4
ENGL 161	COLLEGE COMPOSITION I <sup>4</sup>	3
MTHM 158 or MTHM 168	QUANTITATIVE REASONING <sup>4</sup> or STATISTICS	3
SDEV 101	INTRODUCTION TO THE LCCC COMMUNITY <sup>3</sup>	1
<b>Hours</b>		<b>14</b>

## First Year

Fall Semester		Hours
BIOG 122 or BIOG 222	ANATOMY AND PHYSIOLOGY II <sup>1, 4</sup> or ANATOMY AND PHYSIOLOGY II	4
SRGT 110	SURGICAL STERILIZATION METHODS (Second 8 weeks) <sup>1, 4</sup>	2
SRGT 120	SURGICAL PHARMACOLOGY (First 8 weeks) <sup>1, 4</sup>	2
SRGT 125	INTRODUCTION TO SURGICAL TECHNOLOGY (Full Term) <sup>1, 4</sup>	6
<b>Hours</b>		<b>14</b>

## Spring Semester

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

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 STNA status 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 13 or more credit hours

4

Indicates that this course has a prerequisite.

5

This course offers an opportunity for experiential learning.

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. Students starting in the Spring Semester will follow the curriculum guide, except core SRGT courses will be in the sequence of:

1. Spring - SRGT 125, SRGT 110, and SRGT 120
2. Summer - SRGT 130
3. Fall - SRGT 210 and SRGT 220
4. Spring - SRGT 230 (graduation occurring at the end of Spring of the Second Year)

Program Contact(s):

**Korrine M. Anderson**  
440-320-0954  
kanderson@lorainccc.edu

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/>).

## 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 1 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:
  - ALHN 108 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 112 INTRODUCTION TO MEDICAL TERMINOLOGY
- ALHN 113 INTRODUCTION TO PATIENT CARE

This will be handled on a case-by-case basis with the program director.

\*Students that are interested in the surgical technology program, and have not completed all prerequisites, but would by the time of ones expected program start date, can contact the program director and may be approved for an early application submission. Students must show good academic history and be registered to compete all prerequisites before the expected start date. Early application approval is handled on a case-by-case basis.

\*To complete a program application, please see ones advisor to obtain the appropriate forms and submit through enrollment services.

\*Be aware that applications are not saved from semester to semester and if not selected for the program, one will need to reapply for the next cohort offering.

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

### Program Learning Outcomes

**Goal 1.** Students will be competent as surgical technologists in both the scrub and circulator roles.

- Outcome: Students will perform in independent practice aseptic and sterile technique to provide optimum surgical care
- Outcome: Students will perform in independent practice quality surgical patient care practices in all areas of perioperative services in the circulating role of the surgical technologist.
- Outcome: Students will perform in independent practice case preparation, creation, and maintenance of the sterile field within major and minor procedures in all surgical specialties as the scrub surgical technologist.

**Goal 2.** Students will demonstrate critical thinking and problem solving skills.

- Outcome: Students will collect and record data that reflects 1<sup>st</sup> scrub, 2<sup>nd</sup> scrub, and observational roles demonstrating application and analysis of surgical cases in independent practice.
- Outcome: Students will self-evaluate their progress in the surgical technologist role as ready and proficient to perform duties in independent practice.

**Goal 3.** Students will demonstrate professional behaviors consistent with the core values of the surgical technologist profession.

- Outcome: Students will abide by the code of ethics as defined by the Association of Surgical Technologist.
- Outcome: Students will be accountable for their actions for the care of the surgical patient and participation as members of the surgical team with the ability to demonstrate a surgical conscious at all times.

**Goal 4.** Students will communicate effectively with patients and staff as integral members of the surgical team.

- Outcome: Students will demonstrate excellent written and oral communication skills in the clinical setting
- Outcome: Students will support the operating room staff, demonstrating active listening skills to properly follow directions and participate within the scope of practice as a surgical technologist.

### Program Effectiveness Measures

**Goal 5.** The program will meet criteria defined by the Accreditation Review Council for Surgical Technologists and Surgical Assistants (ARC/STSA) to support satisfactory student achievement as independently practicing surgical technologists.

1. Students will be eligible and sit for the national Certified Surgical Technologist (CST) examination and pass.
2. Students will complete the program within two years of sequential SRGT courses.
3. Graduating students will obtain career placement.
4. Graduating students will be satisfied with the surgical technologist program.
5. Employers will be satisfied with graduates of the program.