Surgical Technology A.A.S.

Career Community: Health and Human Service Careers
Curriculum Code: 1021
Effective: Fall 2023 – Summer 2025

Description

The Surgical Technologist is the person who stands elbow-to-elbow with the surgeon and passes the instruments. It is their job to maintain the sterile field and to respond to the surgeon's needs. The Surgical Technologist prepares the operating room for surgical procedures, prepares all sterile areas and instruments for use, gowns and gloves other personnel, assists with sterile draping of the patient, and hands sterile instrumentation to the surgeon and/or assistant. Surgical Technologists are generally employed by a hospital to work in an operating room. They may also be hired in a surgeon's office, an out-patient clinic, a central processing department, or they may choose to explore sales or teaching. The Surgical Technologist may become certified by successfully passing a national certification examination offered by the National Board for Surgical Technology and Surgical Assisting (NBSTSA©). An Associate Degree in Surgical Technology is strongly recommended by the Association of Surgical Technologists (AST©/1990). This program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP©), 25400 U.S. Highway 19 North, Suite 158, Clearwater, FL 33756, upon the recommendation of the Accreditation Review Committee on Education in Surgical Technology and Surgical Assisting (ARC-STSA©).

Milestone

In addition to the required General Education courses in Math and English, completion of SURG 121 with a 2.5 or higher is a key component for success in completing this program. Knowledge obtained in these courses is the foundation for learning in other required courses. Students are encouraged to contact their faculty if they need additional assistance with learning the concepts presented in these courses.

Additional Information

This is a selective admission program. In order to be considered as a candidate for this program, students must meet admission requirements beyond those required for admission to the college. All courses listed in Semesters I and II must be completed or in progress by the May 1st Surgical Technology admission application deadline. Students must achieve a minimum grade of 2.5 in BIOL 201, BIOL 202, CHSE 120, CHSE 117 or PFHW 163, and SURG 103 or BIOL 203, and a minimum grade of 2.0 in all other courses. Once admitted, a student may not begin a new semester in the Surgical Technology Program until they have successfully completed all of the SURG courses listed in the previous sequenced semester with a minimum grade of 2.5.

Contact Information

The admission and/or graduation requirements for this program may change each academic year. The program requirements below apply only to those students who have been admitted

to the program for the 2023/2024 academic year. For further information, including career options, admission requirements, course substitutions and waivers, etc., contact the Surgical Technology Program, Health and Human Services Building, Room 108, telephone number 517-483-1410, or the Academic Advising Department, Gannon Building – StarZone, telephone number 517-483-1904.

General Education – Applied Degrees, Recommended Courses
(For the full list of options, see General Education)

- English Composition or Applied English
  Program of Study Required Course for Admission – English Composition will meet this requirement

- English Composition (second course)/Communication or Applied Communication
  Program of Study Required Course for Admission – English (second course)/Communication will meet this requirement.

- Humanities and Fine Arts or Social Sciences or Applied Social Sciences – *Select one*
  MGMT 234, Diversity in the Workplace, 3 credits / 3 billing hours
  PSYC 200, Introduction to Psychology, 4 credits / 4 billing hours
  SOCL 120, Introduction to Sociology, 4 credits / 4 billing hours

- Mathematics or Applied Mathematics – *Select one, or any other course from the General Education Mathematics College Algebra category.*
  MATH 117, Math for Business, 4 credits / 4 billing hours
  MATH 119, Math - Applications for Living, 4 credits / 4 billing hours
  STAT 170, Introduction to Statistics, 4 credits / 4 billing hours
  STAT 215, Intro to Probability and Stats, 4 credits / 4 billing hours

- Natural Sciences Lab or Applied Science and Technology Lab
  Program of Study Required Courses for Admission will meet this requirement.

Program of Study Required Courses for Admission – *BIOL 201 and BIOL 202 also satisfy the General Education Natural Sciences Lab or Applied Science and Technology Lab requirement.*

Course Code	Course Title	Credit / Billing Hours
BIOL 201	Human Anatomy	4 / 6
BIOL 202	Human Physiology	4 / 5
CHSE 120	Medical Terminology	4 / 4

Program of Study Required Courses for Admission, Limited Choice – *Select one.*

Course Code	Course Title	Credit / Billing Hours
CHSE 117	Health Law and Ethics	2 / 2
PFHW 163	Healthy Lifestyles	2 / 3

Program of Study Required Courses for Admission, Limited Choice – *Select one.*

Course Code	Course Title	Credit / Billing Hours
BIOL 203	Microbiology	3 / 3
SURG 103	Surgical Asepsis	2 / 2

Program of Study Required Course for Admission, Limited Choice – English Composition – *Select one. This selection also satisfies the General Education English Composition requirement.*

Course Code	Course Title	Credit / Billing Hours
ENGL 121	Composition I	4 / 4
ENGL 122	Composition II	4 / 4
ENGL 131	Honors Composition I	4 / 4
ENGL 132	Honors Composition II	4 / 4

Program of Study Required Course for Admission, Limited Choice – English Composition (second course)/Communication or Applied Communication – *Select one. This selection also satisfies the General Education English Composition (second course)/Communication or Applied Communication requirement.*

Course Code	Course Title	Credit / Billing Hours
COMM 110	Communication in the Workplace	3 / 3
COMM 120	Dynamics of Communication	3 / 3
COMM 130	Fundamentals Public Speaking	3 / 3
COMM 240	Interpersonal Communication	3 / 3

Program of Study Required Courses

Course Code	Course Title	Credit / Billing Hours
SURG 100	Fundamentals of Surgical Tech	3 / 3
SURG 101	The Surgical Patient	2 / 2
SURG 108	Surgical Pharmacology	2 / 2
SURG 109	Basic Surgical Procedures	2 / 2
SURG 110	Advanced Surgical Procedures	6 / 6
SURG 111	Surgical Specialty/Prof Prep	3 / 3
SURG 121	Applied Surgical Techniques I	2 / 4
SURG 122	Applied Surgical Techniques II	2 / 4
SURG 123	Applied Surgical Techniq III	4 / 8
SURG 124	Applied Surgical Techniques IV	4 / 8

Minimum Total Credit Hours

60 credits / 75 billing hours

Recommended Course Sequence for Admission

Semester I
Gen Ed - Mathematics or Applied Mathematics
BIOL 201
CHSE 120
ENGL 121, ENGL 122, ENGL 131, or ENGL 132

Semester II
Gen Ed - Humanities and Fine Arts or Social Sciences or Applied Social Sciences
BIOL 202
BIOL 203 or SURG 103
CHSE 117 or PFHW 163
COMM 110, COMM 120, COMM 130, or COMM 240

Required Course Sequence

Semester III (Fall 2023)
SURG 100
SURG 101
SURG 108
SURG 109
SURG 121 – Milestone course
SURG 122

Semester IV (Spring 2024)
SURG 110
SURG 111
SURG 123
SURG 124

LCC makes every effort to limit revisions to the pathways during their effective timeframe. However, the College reserves the right to update certificate and degree title changes, and make course changes as needed, without prior notice.