



Surgical Technology A.A.S.

Curriculum Code: 1021

Effective: Fall 2019 – Summer 2021

Description

The Surgical Technologist is the person who stands elbow-to-elbow with the surgeon and passes the instruments. It is his or her 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 exam 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®).

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. Courses include: BIOL 201, BIOL 202, CHSE 117, CHSE 120, and SURG 103 or BIOL 203 with a minimum grade of 2.5, and all other courses with a minimum grade of 2.0. Once admitted, a student may not begin a new semester in the Surgical Technology Program until she or he has 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 2019/2020 academic year. For the most current and complete information, interested students should visit 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 Core Courses, Recommended Choices

(For the full list of options, see [General Education Core](#))

- Communication
Program of Study Required Course for Admission - Communication will meet this requirement.
- Global Perspective and Diversity – *Select one*
COMM 280, Intercultural Communication, 3 credits / 3 billing hours
MGMT 234, Diversity in the Workplace, 3 credits / 3 billing hours
POLS 270, International Relations, 3 credits / 3 billing hours
SOCL 120, Introduction to Sociology, 4 credits / 4 billing hours
- Math – *Select one*
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
- Science
Program of Study Required Courses for Admission will meet this requirement.
- Writing
Program of Study Required Course for Admission - Writing will meet this requirement.

Program of Study Required Courses for Admission – *BIOL 202 also satisfies the Science Core requirement.*

Course Code	Course Title	Credit / Billing Hours
BIOL 201	Human Anatomy	4 / 6
BIOL 202	Human Physiology	4 / 5
CHSE 117	Health Law and Ethics	2 / 2
CHSE 120	Medical Terminology	4 / 4

Program of Study Required Course for Admission – *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 - Communication – *Select one.*
This selection also satisfies the Communication Core 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	Fund of Public Speaking	3 / 3

Program of Study Required Course for Admission - Writing – *Select one. This selection also satisfies the Writing Core 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 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 Operative Procedures	2 / 2
SURG 110	Advanced Surgical Procedures	6 / 6
SURG 111	Surgical Specialty/Prof Prep	2 / 2
SURG 112	Surgical Clinical Compliance	1 / 1
SURG 121	Applied Surgical Techniques I	2 / 4
SURG 122	Applied Surgical Techniques II	3 / 6
SURG 123	Applied Surgical Techniq III	4 / 8
SURG 124	Applied Surgical Techniques IV	4 / 8

Total Credit Hours

61-63 credits / 77-79 billing hours

Recommended Course Sequence for Admission

Semester I	Semester II
BIOL 201 CHSE 120 ENGL 121, 122, 131 or 132 Math Core	BIOL 202 BIOL 203 or SURG 103 CHSE 117 COMM 110, 120 or 130 Global Perspectives and Diversity Core

Recommended Course Sequence

Semester III (Fall 2019)	Semester IV (Spring 2020)
SURG 100 SURG 101 SURG 108 SURG 109 SURG 121 SURG 122	SURG 110 SURG 111 SURG 112 SURG 123 SURG 124