

LANSING COMMUNITY COLLEGE

Health & Public Services

**Curriculum Code: 1021
(Effective Fall 2018 –
Summer 2020)**

Surgical Technology A.A.S. Pathway

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®).

Admission Requirements

This is a selective admission program. In order to be considered as a candidate for this program, students must meet basic 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 1 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.

For More 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 2018/2019 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.

Semester I To be determined by student	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements for Admission			
BIOL 201	Human Anatomy	Reading Level 5 and Writing Level 6 and (Math Level 4 or minimum 2.0 in MATH 105 or MATH 106)	4 / 6
CHSE 120	Medical Terminology	Reading Level 5 and Writing Level 4	4 / 4

Program of Study Requirements for Admission – *Select 1*

This selection also satisfies the Writing Core Area requirement.

ENGL 121	Composition I	Reading Level 5 and Writing Level 6 or (Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	4 / 4
ENGL 122	Composition II	Minimum 2.0 in ENGL 121 (formerly WRIT 121) or ENGL 131 (formerly WRIT 131) or (Reading Level 5 and Writing Level 8)	4 / 4
ENGL 131	Honors Composition I	Reading Level 5 and Writing Level 7	4 / 4
ENGL 132	Honors Composition II	Minimum 3.5 in ENGL 121 (formerly WRIT 121) or ENGL 131 (formerly WRIT 131) or Reading Level 5 and Writing Level 8	4 / 4
Mathematics Core Area - <i>Select 1</i>			
MATH 117	Math for Business	(Minimum 2.0 in MATH 105 or MATH 106 or MATH 107 within 2 years or Math Level 5 within 2 years) and Reading Level 5 and Writing Level 4	4 / 4
MATH 119	Math - Applications for Living	(Minimum 2.0 in MATH 105 or MATH 106 or MATH 107 or Math Level 5) and Reading Level 5 and Writing Level 4	4 / 4
STAT 170	Introduction to Statistics	(Minimum 2.0 in MATH 105 or MATH 106 or above or Math Level 5) and Reading Level 5 and Writing Level 4	4 / 4
STAT 215	Intro to Probability and Stats	(Minimum 2.0 in MATH 120 or above or Math Level 7) and Reading Level 5 and Writing Level 4	4 / 4
Credits			16 / 18

Semester II To be determined by student	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements for Admission <i>BIOL 202 also satisfies the Science Core Area requirement.</i>			
BIOL 202	Human Physiology	Minimum 2.0 in BIOL 201 or concurrently and Reading Level 5 and Writing Level 6 and (Math Level 5 or minimum 2.0 in MATH 109 or STAT 170 or concurrent enrollment in MATH 119)	4 / 5
CHSE 117	Health Law and Ethics	Reading Level 5 and Writing Level 4	2 / 2
Program of Study Requirements for Admission – <i>Select 1</i> <i>This selection also satisfies the Communication Core Area requirement.</i>			
COMM 110	Oral Comm in the Workplace	Reading Level 5 and Writing Level 6 or (Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	3 / 3
COMM 120	Dynamics of Communication	Reading Level 5 and Writing Level 6	3 / 3
COMM 130	Fund of Public Speaking	Reading Level 5 and Writing Level 6	3 / 3
Program of Study Requirements for Admission – <i>Select 1</i>			
BIOL 203	Microbiology	Reading Level 5 and Writing Level 6 and (Math Level 4 or minimum 2.0 in MATH 105 or MATH 106)	3 / 3
SURG 103	Surgical Asepsis	None	2 / 2
Global Perspectives and Diversity Core Area - <i>Select 1</i>			
COMM 280	Intercultural Communication	Reading Level 5 and Writing Level 6	3 / 3
MGMT 234	Diversity in the Workplace	Reading Level 5 and Writing Level 6	3 / 3
POLS 270	International Relations	Reading Level 5 and Writing Level 6	3 / 3
SOCL 120	Introduction to Sociology	Reading Level 5 or (Reading Level 4 and ENGL 099 concurrently)	4 / 4
Credits			14-16 / 15-17

Semester III Fall 2018	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
SURG 100	Fundamentals of Surgical Tech	Admission to Surgical Technology Program	3 / 3
SURG 101	The Surgical Patient	Admission to Surgical Technology Program	2 / 2
SURG 108	Surgical Pharmacology	Admission to Surgical Technology Program	2 / 2
SURG 109	Basic Operative Procedures	Admission to Surgical Technology Program	2 / 2
SURG 121	Applied Surgical Techniques I	Admission to Surgical Technology Program	2 / 4
SURG 122	Applied Surgical Techniques II	Pass grade in SURG 121 or concurrently	3 / 6
Credits			14 / 19
Semester IV Spring 2019	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
SURG 110	Advanced Surgical Procedures	Successful completion of 1st semester of the Surgical Technology Program	6 / 6
SURG 111	Surgical Specialty/Prof Prep	Successful completion of 1st semester of the Surgical Technology Program	2 / 2
SURG 112	Surgical Clinical Compliance	Successful completion of 1st semester of the Surgical Technology Program	1 / 1
SURG 123	Applied Surgical Techniq III	Successful completion of 1st semester of the Surgical Technology	4 / 8
SURG 124	Applied Surgical Techniques IV	Minimum 2.5 in SURG 123 or concurrently	4 / 8
Credits			17 / 25
Total Credits			61-63 / 77-79