

# LANSING COMMUNITY COLLEGE

## CURRICULUM GUIDE

Surgical Technology  
Associate in Applied Science Degree

Curriculum Code: 1021 (Effective Fall 2016 – Summer 2018)

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®), 1361 Park Street, Clearwater, FL 33756, upon the recommendation of the Accreditation Review Committee on Education in Surgical Technology (ARC-STSA®).

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. Many of the courses for this program are open only to students officially admitted to the Surgical Technology program.

### PREREQUISITES

Students should see [Course Descriptions](#) for course prerequisite information. See [Academic Assessment and Placement Testing for Student Success](#) for skills assessment and advising information. Students successfully completing prerequisites for admission to the Surgical Technology Program will have at a minimum a Reading Level 5, a Writing Level 6, and a Math Level 5.

### 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 2015/2016 academic year.** For the most recent and complete information, interested students should contact the Surgical Technology Program, Health and Human Services Building, Room 108, telephone number (517) 483-1410 (Website: [www.lcc.edu/hhs/programs/surgical\\_tech/](http://www.lcc.edu/hhs/programs/surgical_tech/)).

### REQUIREMENTS FOR ADMISSION TO THE SURGICAL TECHNOLOGY PROGRAM

For current information about admission requirements, students must contact the Surgical Technology Program, Health and Human Services Building, Room 108, telephone number (517) 483-1410.

### REQUIREMENTS (See Notes 1 and 2)

CODE	TITLE	TOTAL: 49 CREDITS CREDIT HOURS
BIOL 201	Human Anatomy	4
BIOL 202	Human Physiology	4

CHSE 117	Health Law and Ethics	2
CHSE 120	Medical Terminology	4
SURG 100	Fundamentals of Surgical Tech	3
SURG 101	The Surgical Patient	2
SURG 103	Surgical Asepsis	2
SURG 108	Surgical Pharmacology	2
SURG 109	Basic Operative Procedures	2
SURG 110	Advanced Surgical Procedures	6
SURG 111	Surgical Specialty/Prof Prep	2
SURG 112	Surgical Clinical Compliance	1
SURG 121	Applied Surgical Techniques I	2
SURG 122	Applied Surgical Techniques II	3
SURG 123	Applied Surgical Techniques III	5
SURG 124	Applied Surgical Techniques IV	5

**LIMITED CHOICE REQUIREMENTS** (See Note 3) **TOTAL: 14–15 CREDITS**  
 Complete the indicated number of credits from **EACH CHOICE** listed below.

**CHOICE 1: [General Education Core Areas](#)** **3–4 Credits**  
 (Click the link above for information on how to fulfill these requirements. Core area proficiency exams, where appropriate, are available for each Core area.)

Communication Core Area (Subchoice 1A)	0
Global Perspectives and Diversity Core Area	3–4
Mathematics Core Area (Subchoice 1B)	0
Science Core Area (See Note 4)	0
Writing Core Area (Subchoice 1C)	0

**Subchoice 1A: Communication Core Area** – Complete one course **3 Credits**

SPCH 110	Oral Comm in the Workplace	3
SPCH 120	Dynamics of Communication	3
SPCH 130	Fund of Public Speaking	3

**Subchoice 1B: Mathematics Core Area** – Complete one course (See Note 5) **4 Credits**

MATH 115	Technical Math II	4
MATH 117	Math for Business	4
MATH 119	Math – Applications for Living	4

**Subchoice 1C: Writing Core Area** – Complete one course **4 Credits**

WRIT 121	Composition I	4
WRIT 122	Composition II	4
WRIT 131	Honors Composition I	4
WRIT 132	Honors Composition II	4

**MINIMUM TOTAL** **63**

**NOTES:**

1. Current Basic Cardiac Life Support Certification (BCLS) is required throughout the program (NCHE 102 or American Heart Association/Health Care Provider or American Red Cross/Professional Rescuer Certification.) It is highly recommended that students be familiar with computer technology and the Internet (CITF 103 Internet Basics recommended.)
2. All “REQUIREMENTS” must be completed with a minimum 2.5 grade or better.
3. All “LIMITED CHOICE REQUIREMENTS” must be completed with a minimum 2.0 grade or better.

4. Students completing "REQUIREMENTS" have fulfilled the requirements for the Science Core area with BIOL 202.
5. MATH 119 or higher is recommended. MATH 115 or MATH 117 or STAT 170 or STAT 215 may also be used.

### **SUGGESTED COURSE SEQUENCE**

Courses listed in Semesters I and II must be completed prior to admission to the Surgical Technology program as part of the Phase I requirements for admission. Students should see course descriptions to find out when departments plan to offer courses. Students who for any reason are unable to follow the course sequence suggested below (for example, those who are part-time, have transferred in courses from another school, or have prerequisites to fulfill) should contact an academic advisor for help with adjustments.

<b>I-Admission Requirements</b>	<b>II-Admission Requirements</b>	<b>III-Fall 2016</b>	<b>IV-Spring 2017</b>
BIOL 201	BIOL 202	SURG 100	SURG 110
CHSE 120	CHSE 117	SURG 101	SURG 111
Lim.Ch.1B-Math Core	SURG 103	SURG 108	SURG 112
Lim.Ch.1C-Writing Core	Lim.Ch.1-GP&D Core	SURG 109	SURG 123
	Lim.Ch.1A-Comm Core	SURG 121	SURG 124
		SURG 122	