

## LANSING COMMUNITY COLLEGE

### CURRICULUM GUIDE

Surgical Technology  
Associate in Applied Science Degree

Curriculum Code: 1021 (Effective Fall 2009 – Summer 2011)

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©), upon the recommendation of the Accreditation Review Committee on Education in Surgical Technology (ARC-ST©).

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* or *Course Offerings* for course prerequisite information. See the *Assessment and Placement Testing* section for skills assessment and advising information.

#### 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 2009/2010 academic year.** For the most recent and complete information, interested students should contact the Admissions Office, Gannon Building, Room 203, telephone number (517) 483-1254 or the Health and Human Services Department, Health and Human Services Building, Room 108, telephone number (517) 483-1410 (Website: [www.lcc.edu/health/](http://www.lcc.edu/health/)).

#### REQUIREMENTS FOR ADMISSION TO THE SURGICAL TECHNOLOGY PROGRAM

For current information about admission requirements, students must contact the Admissions Office, Gannon Building, Room 203, telephone number (517) 483-1254.

<b>REQUIREMENTS</b> (See Notes 1 and 2)		<b>TOTAL: 52 CREDITS</b>
<b>CODE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
BIOL 201	Human Anatomy (See Note 3)	4
BIOL 202	Human Physiology (See Note 3)	4
CHSE 117	Health Law and Ethics (See Note 3)	2
CHSE 120	Medical Terminology (See Note 3)	4
MATH 112	Intermediate Algebra (See Notes 3 and 4)	4
SURG 100	Fundamentals of Surgical Tech	3
SURG 101	The Surgical Patient	2
SURG 103	Surgical Asepsis (See Note 3)	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 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 5) **TOTAL: 9–12 CREDITS**  
 Complete the indicated number of credits from **EACH CHOICE** listed below.

<b>CHOICE 1: General Education Core Areas</b>	<b>9–12 Credits</b>
<i>(See General Education Core Requirements for information on how to fulfill these requirements. Core area proficiency exams, where appropriate, are available for each core area.)</i>	
Communication Core Area	3–4
Global Perspectives and Diversity Core Area	3–4
Mathematics Core Area (See Note 6)	0
Science Core Area (See Note 6)	0
Writing Core Area	3–4
<b>MINIMUM TOTAL</b>	<b>61</b>

**NOTES:**

1. Current Basic Cardiac Life Support Certification (BCLS) is required throughout the program (EMSB 102 or American Red Cross “Professional Rescuer”.) 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 with the exception of MATH 112, which must be completed with a minimum 2.0 grade.
3. BIOL 201, BIOL 202, CHSE 117, CHSE 120, MATH 112, Communications Core, SURG 103, Writing Core, Global Perspectives and Diversity Core, and CHOICE 2 must be completed prior to admission to the Surgical Technology program as part of the Phase I requirements for admission.
4. MATH 112 is the minimum math requirement. It may be replaced by a Mathematics Core Area course or a non-Core Mathematics course at MATH 121 or above.
5. All “LIMITED CHOICE REQUIREMENTS” must be completed with a minimum 2.0 grade or better.
6. Students completing "REQUIREMENTS" have fulfilled the requirements for this Core area.

### **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 or counselor for help with adjustments.

<b>I</b>	<b>II</b>	<b>III (Fall)</b>	<b>IV (Spring)</b>
BIOL 201	BIOL 202	SURG 100	SURG 110
CHSE 120	CHSE 117	SURG 101	SURG 111
MATH 112	Lim. Ch. Comm.	SURG 108	SURG 123
Lim. Ch. Writ	SURG 103	SURG 109	SURG 124
	Lim.Ch. G.P. & D.	SURG 121	
		SURG 122	