

# SURGICAL TECHNOLOGY (ST)

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<b>ST 100 INTRO TO SURGICAL TECHNOLOGY</b>	<b>6 Credit Hours</b>
Introduces the student to the role, working environment, and required skills of the ST. Asepsis, sterile technique, and surgical case management are emphasized in structured campus laboratory and in the clinical setting. (2 lecture, 4 lab)	
<b>Corequisite(s):</b> ST 102	
<b>Pre/Corequisite(s):</b> BIOL 109	
<b>ST 100L INTRO TO SURGICAL TECH LAB</b>	<b>0 Credit Hours</b>
<b>Corequisite(s):</b> ST 100	
<b>ST 100P INTRO TO SURG TECH CAMPUS LAB</b>	<b>0 Credit Hours</b>
<b>Corequisite(s):</b> ST 100	
<b>ST 102 SURG INSTRUMENT, EQUIP &amp; SUPPL</b>	<b>3 Credit Hours</b>
Introduces students to the different classifications of instrumentation, equipment, and supplies required to perform surgical procedures. Assembly of instrumentation will help refine students' manual dexterity and anticipatory skills. (3 lecture)	
<b>Corequisite(s):</b> ST 100	
<b>Pre/Corequisite(s):</b> BIOL 109	
<b>ST 110 PATIENT CARE CONCEPTS 1</b>	<b>6 Credit Hours</b>
Course enables students to demonstrate knowledge and techniques basic to effective performance as a ST in the surgical suites of area hospitals. Incisions, diagnostic and surgical procedures in various surgical specialties are emphasized. (3 lecture, 3 lab)	
<b>Prerequisite(s):</b> ST 100 and ST 102 and BIOL 109 and NURS 153	
<b>Corequisite(s):</b> ST 113	
<b>Pre/Corequisite(s):</b> ENGL 101 and MATH 120	
<b>ST 110L PATIENT CARE CONCEPTS 1 LAB</b>	<b>0 Credit Hours</b>
<b>Corequisite(s):</b> ST 110	
<b>ST 113 PATHOPHYSIOLOGY SURG PATIENT</b>	<b>4 Credit Hours</b>
Introduction to disease and tumors. Surgically treatable diseases and disorders are emphasized. Basic medical microbiology will be reviewed. Topics include types of microorganisms, microbial growth and metabolism, control of microbial populations, microbial resistance and principles of infection and immunity. (4 lecture)	
<b>Prerequisite(s):</b> MATH 100 and BIOL 109 and ST 100 and ST 102	
<b>Corequisite(s):</b> ST 110	
<b>Pre/Corequisite(s):</b> MATH 120) and NURS 153	
<b>ST 114 PHARMACOLOGY FOR SURG TECH</b>	<b>3 Credit Hours</b>
This course is designed to introduce the surgical technology student to their role in handling medications and solutions in the surgical setting. A review of basic mathematical calculations will assist the student in converting equivalents from one system of measurement to another. (3 lecture)	
<b>Prerequisite(s):</b> ST 110 and ST 113	
<b>Corequisite(s):</b> ST 211	
<b>ST 211 PATIENT CARE CONCEPTS 2</b>	<b>8 Credit Hours</b>
Course focuses on improving skills in assisting team members and the organization of work by learning to use economy of time, motion, and materials. Clinical component provides solo scrub experiences that promote anticipating needs and minimizing the patient's exposure to trauma. (3 lecture, 5 lab)	
<b>Prerequisite(s):</b> ST 113 and ST 110 and (MATH 100 and ENGL 101 and (NURS 153 or BTEC 253)	
<b>Corequisite(s):</b> ST 114	
<b>Pre/Corequisite(s):</b> MATH 120)	
<b>ST 211L PATIENT CARE CONCEPTS 2 LAB</b>	<b>0 Credit Hours</b>
<b>Corequisite(s):</b> ST 211	
<b>ST 212 SURGICAL TECHNOLOGY CAPSTONE</b>	<b>10 Credit Hours</b>
Independent first scrub roles and medication preparation in the clinical setting are emphasized. Students will display the manual dexterity and physical stamina required in the employment setting. Concentration will be directed toward anticipatory socialization and adaption to aid role transition from student to graduate. (2 lecture, 8 lab)	
<b>Prerequisite(s):</b> ST 114 and ST 211	
<b>ST 212L SURG TECH CAPSTONE LAB</b>	<b>0 Credit Hours</b>
<b>Corequisite(s):</b> ST 212	
<b>ST 250 DISASTER PREPAREDNESS</b>	<b>4 Credit Hours</b>
Focus on current events involving man-made and natural disasters and what the surgical technologist's role is during these emergencies. Student will develop team building skills to be utilized if these disasters were to occur in the local area. (4 lecture)	

**ST 255 LEADERSHIP**

**4 Credit Hours**

Course is designed to prepare the practicing surgical technologist for leadership roles. Emphasis will be on professional accountability and the importance of credentialing in the surgical technology practice. (4 lecture)

**ST 293 COOPERATIVE WORK EXPERIENCE**

**1-8 Credit Hours**

**ST 297 SPECIAL TOPICS**

**1-6 Credit Hours**

Special topics in surgical technology. (1-6 lecture)

**ST 299 INDEPENDENT STUDY**

**1-3 Credit Hours**

(1-3 lecture)