

# ST

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## Courses

### **ST 100 Introduction to Surgical Technology**

**1 Credit. 1 Lecture Hour. 0 Lab Hour.**

A course on the history and development of surgical technology. Topics include: the perioperative environment, surgical instrumentation, the surgical technologist's role and attributes for success, professional organizations, and legal terms related to the profession.

Prerequisites: None

### **ST 101 Surgical Foundations and Procedures 1**

**6 Credits. 6 Lecture Hours. 0 Lab Hour.**

A course on concepts and skills for surgical technology. Topics include: professional and workplace management; medical terminology; informatics; patient care; surgical asepsis and infection control; decontamination, disinfection, and reprocessing methods; instrumentation; sterile storage and distribution; basic pharmacology; anesthesia; specimen care; and surgical supplies and equipment.

Prerequisites: Admitted to the ST program through the selective enrollment process, and ST 100 and BIO 151 and MAT 105, and one FYE course (minimum grade C for all), and instructor consent

Instructor Consent Required

### **ST 102 Surgical Foundations and Procedures 2**

**6 Credits. 6 Lecture Hours. 0 Lab Hour.**

A continuation of ST 101. Topics include: wound classifications; wound healing; tissue approximation; sutures; abdominal incisions; and procedural steps for abdominal wall hernia repairs, and gastrointestinal and accessory organs, breast, gynecological, obstetrical, and plastic/reconstructive surgery.

Prerequisites: BIO 152 and BIO 220 and ST 101 (minimum grade C for all), and ST 111

### **ST 111 Surgical Principles and Practice 1**

**2 Credits. 1 Lecture Hour. 3 Lab Hours.**

A course that prepares students to perform assistant circulating skills through activities conducted in a simulated operating room setting on campus.

Prerequisites: Admitted to the ST program through the selective enrollment process, and ST 100 (minimum grade of C), and instructor consent

Instructor Consent Required

### **ST 112 Surgical Principles and Practice 2**

**2 Credits. 1 Lecture Hour. 3 Lab Hours.**

A course that prepares students to perform first scrub role skills through activities conducted in a simulated operating room setting on campus.

Prerequisites: ST 101 (minimum grade C), and ST 111

### **ST 181 Surgical Technology Clinical Skills Application 1**

**2 Credits. 1 Lecture Hour. 3 Lab Hours.**

Students participate in uncompensated clinical experiences performing beginning-level assistant circulating skills in the operating room of an affiliate hospital, and attend a weekly seminar.

Prerequisites: ST 101 (minimum grade C), and ST 111

### **ST 182 Surgical Technology Clinical Skills Application 2**

**2 Credits. 0 Lecture Hour. 6 Lab Hours.**

A continuation of ST 181. Students perform uncompensated beginning-level scrub skills during assigned operative procedures at an affiliate hospital. Students' skills are evaluated in relation to future employment.

Prerequisites: ST 102 (minimum grade C), and ST 112 and ST 181

### **ST 198 First Year Special Topics in Surgical Technology**

**1-9 Credits. 0 Lecture Hour. 0 Lab Hour.**

A course on selected topics related to Surgical Technology, which gives students opportunities to study information not currently covered in other courses. Grades issued are A, B, C, D, or F.

Prerequisites: None

### **ST 199 First Year Independent Project in Surgical Technology**

**1-9 Credits. 0 Lecture Hour. 0 Lab Hour.**

A project related to Surgical Technology that is completed by one or more students to meet specific educational goals. Projects must have prior approval and supervision by Surgical Technology faculty. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: Vary by section

### **ST 201 Advanced Surgical Procedures 1**

**4 Credits. 4 Lecture Hours. 0 Lab Hour.**

A course on specialized surgical procedures. Topics include: otorhinolaryngology procedures including head/neck and oral maxillary surgery; and ophthalmic, genitourinary, and orthopedic surgery.

Prerequisites: ST 102 (minimum grade C), and ST 112 and ST 181

**ST 202 Advanced Surgical Procedures 2**

**4 Credits. 4 Lecture Hours. 0 Lab Hour.**

A continuation of ST 201. Topics include: perivascular, thoracic, cardiac, neurology, and transplant surgery, and pediatric procedures.

Prerequisites: ST 201 (minimum grade C), and ST 182

**ST 281 Surgical Technology Clinical Directed Practice 1**

**5 Credits. 1 Lecture Hour. 24 Lab Hours.**

Students demonstrate competency in scrub skills related to general and specialty operative procedures at an assigned affiliate hospital, and attend a weekly seminar on campus.

Prerequisites: ST 201 (minimum grade C), and ST 182

**ST 282 Surgical Technology Clinical Directed Practice 2**

**5 Credits. 1 Lecture Hour. 24 Lab Hours.**

A continuation of ST 281. Students demonstrate competency in scrub skills while performing assigned procedures at an affiliate hospital, and attend a weekly seminar on campus. Students must complete the National Board of Surgical Technology and Surgical Assisting (NBSTSA) certification examination as a course requirement.

Prerequisites: ST 202 (minimum grade C), and ST 281

**ST 298 Second Year Special Topics in Surgical Technology**

**1-9 Credits. 0 Lecture Hour. 0 Lab Hour.**

A course on selected topics related to Surgical Technology, which gives students opportunities to study information not currently covered in other courses. Grades issued are A, B, C, D, or F.

Prerequisites: None

**ST 299 Second Year Independent Project in Surgical Technology**

**1-9 Credits. 0 Lecture Hour. 0 Lab Hour.**

A project related to Surgical Technology that is completed by one or more students to meet specific educational goals. Projects must have prior approval and supervision by Surgical Technology faculty. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: Vary by section