

ST

Courses

ST 100 Introduction to Surgical Technology

2 Credits. 2 Lecture Hours. 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

8 Credits. 8 Lecture Hours. 0 Lab Hour.

A course on concepts and skills for surgical technology. Topics include: professional and workplace management; 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: BIO 220, MCH 101, PHY 110, ST 100 (minimum grade C for all), and admitted to ST Program

ST 102 Surgical Foundations and Procedures 2

8 Credits. 8 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, gastrointestinal and accessory organs, breast, gynecological, obstetrical, and plastic/reconstructive surgery.

Prerequisites: BIO 152, ST 101, (minimum grade C for both), 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: ST 100 (minimum grade of C), and admitted to Surgical Technology program

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), ST 111

ST 181 Surgical Technology Clinical Skills Application 1

3 Credits. 1 Lecture Hour. 5 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), 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 in relation to future employment are evaluated.

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

5 Credits. 5 Lecture Hours. 0 Lab Hour.

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

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

ST 202 Advanced Surgical Procedures 2

5 Credits. 5 Lecture Hours. 0 Lab Hour.

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

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

ST 281 Surgical Technology Clinical Directed Practice 1**6 Credits. 1 Lecture Hour. 30 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), ST 182

ST 282 Surgical Technology Clinical Directed Practice 2**6 Credits. 1 Lecture Hour. 30 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 NBSTSA certification examination as a course requirement.

Prerequisites: ST 202 (minimum grade C), 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