Surgical Technology (STP)

STP 121 Introduction to Surgical Technology

3 Hours

Prerequisites: Acceptance into the Surgical

Technology Program, BIO 205 or 206 with C or better.

3 hours weekly (3-0)

This course introduces the student to the broad field of surgical technology. The role of the surgical technologist, the environment with the surgical suite, the needs of the surgical patient, work ethic, moral and legal issues, and the skills for developing professional attributes needed in the career are also explored.

STP 122 Principles and Practices of Surgical Technology

7 Hours

Prerequisites: STP 121, BIO 205 or 206

9 hours weekly (4-6)
This course introduces the student to the practice of surgical technology. The focus is on skills that are specifically those of the scrub role and the circulator role. The student will demonstrate the proper and safe execution of procedures and instruments and equipment. Adequate laboratory time for the practice and testing of the skills is required.

STP 123 Surgical Procedures I

2 Hours

Prerequisites: STP 122, 127, BIO 205 and 206

3 hours weekly (1-2)

This course is designed to introduce students into the clinical surgical procedures. Surgical anatomy of the body and instrumentation that pertains to the systems of study. Topics include minimally invasive surgery, robotic surgery and general surgery. Students are assigned a clinical site where they use the knowledge learned and apply it in the surgical setting.

STP 125 Clinical Rotation in Surgical

Technology I

2.5 Hours

Prerequisites: STP 122, 127, BIO 205 and current CPR certification

7.5 hours weekly (0-7.5)

This course is designed to provide the student with supervised clinical experience where students apply the theoretical knowledge learned to apply it in the operating room. Students are expected to participate in all aspects of the surgical technology practice including preparation of the surgical case, intraoperative case management, and postoperative case duties. Clinical setting is eight hours a day, two days a week.

STP 127 Pharmacology for Health Professions

3 Hours

Prerequisites: STP 121 & MAT 115

3 hours weekly (3-0)

This course introduces the student to basic pharmacology and how it pertains to the surgical technologist. Concepts on the role of the surgical technologist that pertains to medication administration, drawing up of medication, calculations, labeling and the handling of medications. Also discuss are the different types of anesthesia routes and emergency situations.

STP 225 Surgical Procedures II

5 Hours

Prerequisite: STP 123 & BIO 226

6 hours weekly (4-2)

This course is designed to build on the concepts from Surgical Procedures I. Surgical anatomy of the body and instrumentation that pertains to the system of study. Topics include ophthalmic surgery, ears, and nose and throat surgery, oral surgery, plastic surgery, orthopedic surgery and peripheral vascular surgery.

STP 226 Clinical Rotation II

5 Hours

Prerequisites: STP 123, STP 125

15 hours weekly (0-15)

This course is continuation of STP 125. This course functions to expand knowledge gained in Introduction to Surgical Technology, Principles and Practice and Practices of Surgical Technology and Surgical Procedures I. It also supports the knowledge being gained in Surgical Procedures II.

STP 227 Surgical Procedures III

5 hours

Prerequisite: STP 225

6 hours weekly (4-2)

The course is designed to build on concepts from Surgical Procedures II. Surgical anatomy of the body and instrumentation that pertains to the systems of study. Topics include thoracic and pulmonary surgery, cardiac surgery, pediatric surgery, neurosurgery, emergency trauma surgery, and disaster preparedness and response.

STP 228 Clinical Rotation III

5 hours

Prerequisite: STP 225, STP 226

15 hours weekly (0-15)

This course is continuation of STP 226. This course functions to expand knowledge gained in Introduction to Surgical Technology, Principles and Practice and Practices of Surgical Technology, Surgical Procedures I and Surgical Procedures II. It also supports the knowledge being gained in Surgical Procedures III.