

## **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. It includes Orientation to Surgical Technology, Standards of Conduct, The Surgical Patient, Special Populations, and Physical Environment and Safety Standards.

### **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 prepare students for clinic practice training. Instruction introduces students to the various surgical specialties.

### **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 introduces the student to the operating room and its routine. This course functions to expand knowledge gained in STP 122 and supports the knowledge being gained in Surgical Procedures I. This course is offered pass/fail.

### **STP 127 Pharmacology for Health Professions**

3 Hours

Prerequisites: STP 121

3 hours weekly (3-0)

This course provides basic knowledge of the most commonly used medications in the operating room. Commonly prescribed medications such as anesthetics, diuretics, gastric drugs, hormones, antibiotics, diagnostic agents, and blood and fluid replacements will be discussed.

### **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.