

## **Course Description**

### **STS2324 | Surgical Procedures II | 3.00 credits**

This course is designed to prepare students for specialty surgical procedures, including the review of surgical anatomy, physiology, pathophysiology, relevant equipment, supplies, and techniques regarding otorhinolaryngological surgery (ear, nose, and throat/ENT), oral and maxillofacial surgery, plastic and reconstructive surgery, cardiothoracic surgery, peripheral vascular surgery, neurosurgery, transplant and trauma surgery. The depth of coverage is determined by the current edition of the core curriculum for surgical technologists published by the Association of Surgical Technologists.

## **Course Competencies**

**Competency 1:** The student will understand varying surgical specialties by:

1. Explaining surgical intervention for varying surgical specialties
2. Identifying surgical equipment and supplies for special surgical procedures
3. Demonstrating surgical setup for surgical specialty cases

**Competency 2:** The student will demonstrate surgical specialty case setups by:

1. Explaining proper surgical instrumentation for various surgical procedures
2. Demonstrating proper surgical draping on varying procedures
3. Demonstrating knowledge of surgical instruments as they apply to surgical specialties

**Competency 3:** The student will understand complications in surgical specialties by:

1. Explaining surgical complications that could arise
2. Identifying complications and the role of the surgical technologist
3. Predicting complications and the skill set needed for the surgical technologist

## **Learning Outcomes:**

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Demonstrate knowledge of ethical thinking and its application to issues in society