

Course Description

STS1323 | Surgical Procedures I | 3.00 credits

This course is designed to prepare students for surgical procedures by providing instruction on diagnostic procedures and relevant equipment, supplies, and techniques. The course will also include the review of surgical anatomy, physiology, and pathophysiology in relation to general surgery, endoscopic surgery, gynecological and obstetrical surgery, genitourinary surgery, orthopedic surgery, and ophthalmic surgery.

Course Competencies

Competency 1: The student will understand the variation of surgical specialties by:

1. Explaining surgical intervention for varying surgical specialties
2. Identifying surgical equipment and supplies for particular 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