

Course Description

STS1307 | Surgical Equipment and Instrumentation | 3.00 credits

This course prepares the student for the scrub role during surgical procedures, identification of basic surgical instrumentation, passing of the instruments, proper care, reprocessing of instruments following a surgical procedure, and utilizing equipment in the operating room. Students will also learn about surgical wounds, proper tissue handling techniques, wound closure, wound healing, suture material, and stapling devices.

Course Competencies

Competency 1: The student will demonstrate the role of the first scrub in the surgical suite by:

1. Demonstrating proper surgical setups
2. Demonstrating passing adequately of surgical instruments
3. Explaining the process of passing a scalpel

Competency 2: The student will explain proper tissue and specimen handling by:

1. Explaining process of tissue and biopsy retrieval
2. Demonstrating proper labeling on back table of specimens
3. Demonstrating reiterating specimen and biopsy for labeling to circulator

Competency 3: The student will explain decontamination procedures by:

1. Reviewing hospital protocol regarding decontamination
2. Explaining the role of surgical technology and transporting dirty instruments
3. Identifying various procedures for sterilization in surgery

Learning Outcomes:

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