

Course Description

STS0013 | Central Sterile Processing Technician | 13.66 credits

This course focuses on the application of central sterile processing including proper care, disinfection, assembly, sterilization processes, and sterile storage for instrumentation following surgical procedures. The course will also include the review of basic anatomy, physiology, microbiology, relevant equipment, supplies, and techniques regarding different surgical procedures. Hands-on-experience in the Sterile Processing Department at local hospitals will be included in the course.

Course Competencies

Competency 1: The students will understand the principles of decontamination and sterilization by:

1. Describing different types of sterilizers
2. Demonstrating wrapping of various surgical instruments and sets of instruments
3. Demonstrating the sterilization process with the storages and autoclave

Competency 2: The student will identify various surgical instruments and instrument sets by:

1. Explaining the differences between a minor and major set
2. Describing retractors and their use
3. Explaining the reasons for particular instrument sets and why they are selected for specific surgical procedures

Competency 3: 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 special surgical procedures
3. Demonstrating surgical setup for surgical specialty cases

Learning Outcomes:

- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information