

Course Description

STS1925C | Endoscopy Technician Theory 1 and Lab | 3.00 credits

Upon completion of the course, the student will have a basic understanding of the care and handling of endoscopic equipment, including storage, testing, decontamination, disinfection and preparation for use. Modules include anatomy and physiology review relevant to endoscopy procedures, essential communication, roles and responsibilities of the endoscopy team, equipment, risk management, safety, reprocessing/infection control, and emergency preparedness.

Course Competencies

Competency 1: The student will demonstrate knowledge of handling endoscopic equipment by:

1. Identifying procedures related to disinfection and sterilization
2. Demonstrating proper care, handling, and assembly of instruments
3. Recognizing basic instruments by type, function, and name

Competency 2: The student will demonstrate knowledge of the process of emergency preparedness by:

1. Analyzing the role of the endoscopy technician in protecting self, patients, and others from hazards in the operative environment
2. Describing the initial response and steps taken when an all-hazard event occurs
3. Discussing the various roles the endoscopy technician can fulfill during an all-hazards event

Competency 3: The student will demonstrate knowledge of risk management, safety and infection control by:

1. Recognizing the hazards to the patient in the operative environment
2. Reviewing the type of air-handling system required in the OR and the temperature and humidity required to maintain a sterile field
3. Indicating cleaning procedures, traffic patterns, and routines required in the operative environment

Learning Outcomes:

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning