

# SURGICAL TECHNOLOGY (ST)

## ST 10A CENTRAL SERVICE TECHNOLOGY 4.5 UNITS

Grade Only

Fee: \$90

Recommended Preparation: RDG 56 or equivalent or through the Southwestern College multiple measures placement processes.

Lecture 4 hours, laboratory 2 hours

Offered: FALL

Introduces basic functions of a Central Service Department and includes microbiology, aseptic technique, disinfecting equipment, decontamination and sterilization as well as wrapping and packaging of surgical instruments. Provides a review of body systems and identification of instruments used in surgery. Emphasizes medical terminology, safety precautions, risk management, regulations, inventory management, ethical responsibilities, and communication skills. [D]

## ST 10B CENTRAL SERVICE TECHNOLOGY LABORATORY 3.5 UNITS

Grade Only

Prerequisite: ST 10A or equivalent.

Laboratory 11 hours

Offered: FALL

Provides laboratory experience to support the initial theory course for the Central Service Technology (CST) certificate program. Emphasizes training in aseptic technique, cleaning, disinfecting and sterilization in the hospital setting. Includes the practice of wrapping, packing, and inspecting surgical instruments. [D]

## ST 10C CENTRAL SERVICE TECHNOLOGY PRACTICUM 3.5 UNITS

Grade Only

Prerequisite: ST 10B or equivalent.

Laboratory 11 hours

Offered: FALL, SPRING

Provides an advanced laboratory experience for the role of the Central Service Technician and includes various scopes, power equipment, and camera's used in the operative environment. [D]

## ST 110 INTRODUCTION TO SURGICAL TECHNOLOGY 8 UNITS

Grade Only

Fee: \$152

Prerequisite: BIOL 190 or BIOL 260 or equivalent; MEDOP 230 or equivalent.

Corequisite: ST 120.

Limitation on Enrollment: Enrollment is limited to students accepted into the Surgical Technology program.

Lecture 8 hours

Offered: FALL

Introduces operating room nursing, aseptic techniques, disinfection, sterilization, instruments, and equipment. Includes supplies needed for general, gynecologic, thoracic, cardiovascular, and orthopedic surgery. Emphasizes moral, ethical, legal responsibilities, basics of patient care, communication, professional behavior, stress management, and medications used in the surgical process. [D; CSU]

## ST 120 SURGICAL LABORATORY 4 UNITS

Pass/No Pass Only

Fee: \$172

Corequisite: ST 110.

Laboratory 12 hours

Offered: FALL

Provides laboratory practice in basic surgical technique, asepsis, instrumentation, and surgical procedures in the major specialties. Includes a simulated operating room, and operating room scenarios. [D; CSU]

## ST 130 ADVANCED OPERATING ROOM TECHNIQUES 4 UNITS

Grade Only

Prerequisite: ST 110 and ST 120, or equivalent.

Corequisite: ST 140 and ST 150.

Lecture 4 hours

Offered: SPRING

Presents advanced concepts of patient care, aseptic technique, and microbiology. Examines the subspecialties of ear, nose, throat, eye, neurosurgery, urology, pediatric, and plastic surgery. Reviews the varied hospital models, as well as the role of each member of the healthcare team. [D, CSU]

## ST 140 PRACTICUM: MAJOR SURGICAL SPECIALTIES 8 UNITS

Pass/No Pass Only

Prerequisite: ST 110 and ST 120, or equivalent.

Corequisite: ST 130 and ST 150.

Laboratory 24 hours

Offered: SPRING

Provides clinical experience in the intraoperative setting. Emphasizes first or second scrub role. Includes augmented clinical hours in the campus laboratory, focusing on instrumentation, equipment, and supplies in the specialties of neurology, urology, ENT, eye, plastics, laparoscopic, orthopedic, and pediatric surgery. [D; CSU]

## ST 150 CURRENT CONCEPTS IN SURGICAL TECHNOLOGY 1 UNIT

Grade Only

Corequisite: ST 130 and ST 140.

Lecture 1 hour

Offered: SUMMER

Presents current topics and concepts encountered in the surgical setting, with emphasis on developing awareness of moral, ethical responsibilities, and surgical conscience. Includes resume writing and required job skills. [D; CSU]

**ST 160**

**PRACTICUM: SUBSPECIALTIES**

**6 UNITS**

Pass/No Pass Only

Prerequisite: ST 130, ST 140, and ST 150, or equivalent.

Laboratory 18 hours

Offered: SUMMER

Provides clinical intraoperative experience under both instructor and preceptor supervision. Clinical experience focuses on functioning as first scrub, and solo scrub in all specialties. Emphasizes independent clinical experience in the major specialties of general, gynecological, orthopedic, thoracic, and vascular surgery. [D; CSU]

**ST 299**

**INDEPENDENT STUDY**

**1-3 UNITS**

Pass/No Pass or Grade is Allowed

Limitation on Enrollment: Eligibility for independent study.

Lecture 3 hours

Offered: ALL

Individual study or research in surgical technology of particular interest to the student. [D; CSU]