

SURGICAL TECHNOLOGY (SURG)

SURG 120 - Surgery Essentials (3)

Prerequisites: (MEDA 108 or MEDA 109) and (BSCI 202 or BI 104)
(formerly ST 120)

Provides an introduction to the surgical environment and the essential skills required of a surgical technologist. Emphasizes the fundamental concepts of sterile technique, critical thinking, and professionalism. Application and demonstration of essential surgical technology skills and concepts are required to advance in the program.

SURG 125 - Fundamentals of Surgical Technology I (6)

Prerequisite: SURG 120
(formerly ST 100)

Develops concepts, skills, and attitudes required by students to perform as members of a surgical team. Simulated practice time in the on-campus lab and didactic instruction prepare the student for the clinical practicum component of this course. Evidence of competence is essential in sterile technique and basic skills.

SURG 130 - Introduction to Surgical Technology (6)

Cultural Competence
(formerly ST 101)

Provides an overview of the functions of the surgical technologist in the perioperative environment. Integrates the fundamental principles and protocols of microbiology, sterile technique, pharmacology, medication calculations, anesthesia, ethical and legal considerations, mindfulness, cultural competence and inclusion, patient care concepts, all-hazards preparation, and teamwork.

SURG 135 - Fundamentals of Surgical Technology II (5)

Prerequisite: SURG 125 or ST 100
(formerly ST 105)

Develops fundamental surgical technology principles, practices, and protocols. Proficiency to be demonstrated in sterile and nonsterile roles during the perioperative phases of invasive diagnostic and surgical procedures.

SURG 200 - Fundamentals of Surgical Technology III (6)

Prerequisite: SURG 135 or ST 105

Provides theory and practice related to the dynamic role of the surgical technologist in the perioperative setting. Integrates professional communication, advancement in skill level, and critical thinking with participation in complex surgical procedures.

SURG 205 - Fundamentals of Surgical Technology IV (6)

Prerequisite: SURG 135 or ST 105

Provides theory and practice related to the dynamic role of the surgical technologist in the perioperative setting. Emphasizes application of the fundamental principles, practices, and protocols for surgical technologists in complex procedures in preparation for employment in the field. Evidence of critical thinking, precise application of sterile technique, and professionalism is required. Prepares the student to sit for the national certification examination in surgical technology.