

SURGICAL TECHNICIAN (SUR)

SUR 125 - Introduction to Surgical Technology

This course provides instruction in professional responsibilities of the surgical technologist, the operating room environment, legal, ethical and moral issues related to surgery including liability and scope of practice. Course content includes discussion of the various levels of credentialing, hospital organization and healthcare professional organizations. Included is an introduction to the basic concepts of biomedical sciences as related to surgery. Principles and concepts related to aseptic techniques for non-sterile and sterile responsibilities, preoperative patient care and supplies and equipment as apply to the role of the surgical technologist are discussed. This class includes a laboratory component.

Credits: 4

SUR 130 - Principles of Surgical Technology

This course includes an introduction to endoscopic and robotic surgery, diagnostic procedures, emergency situations and all-hazards preparation, and anesthesia and surgical pharmacology. The course content will provide further instructions on perioperative patient care concepts and supplies used during the course of surgery with application of aseptic technique. This class includes a laboratory component. (Prerequisite: SUR 125)

Credits: 4

Prerequisites: SUR 125

SUR 150 - SUR TECHNOLOGY1

This course provides instruction in professional responsibility in the operating room environment, as well as communication and teamwork. It will cover the responsibilities of the surgical technologist in the first scrub role during the preoperative, intraoperative and postoperative phases of the surgical procedure. The course instructs the student in the principles and skills required to assist in procedures for general, obstetric/gynecologic and ear, nose, pharynx and larynx surgery. This class includes a clinical surgical rotation component. (Prerequisite: SUR 130)

Credits: 6

Prerequisites: SUR 130

SUR 200 - SUR TECHNOLOGY2

This course provides instruction in professional responsibility in the operating room environment, as well as communication and teamwork. It will cover the responsibilities of the surgical technologist in the first scrub role during the preoperative, intraoperative and postoperative phases of the surgical procedure. The course instructs the student in the principles and skills required to assist in orthopedic, genitourinary and plastic surgery. This class includes a clinical surgical rotation component. (Prerequisite: SUR 150)

Credits: 6

Prerequisites: SUR 150

SUR 225 - SUR TECHNOLOGY3

This course provides instruction in professional responsibility in the operating room environment, as well as communication and teamwork. It will cover the responsibilities of the surgical technologist in the first scrub role during the preoperative, intraoperative and postoperative phases of the surgical procedure. The course instructs the student in the principles and skills required to assist in procedures for cardiothoracic surgery, peripheral vascular surgery and neuro surgery. This class includes a clinical surgical rotation component. (Prerequisite: SUR 200)

Credits: 6

Prerequisites: SUR 200

SUR 250 - SUR TECHNOLOGY4

This course provides instruction in professional responsibility in the operating room environment, as well as communication and teamwork. It will cover the responsibilities of the surgical technologist in the first scrub role during the preoperative, intraoperative and postoperative phases of the surgical procedure. The course instructs the student in the principles and skills required to assist in procedures for ophthalmic and oral & maxillofacial surgery. This course also presents a large collection of review questions to prepare students for the computer-based CST exam. Exam content is reviewed. Comprehensive rationale for correct response is provided. This class includes a clinical surgical rotation component.

(Prerequisite: SUR 225)

Credits: 6

Prerequisites: SUR 225