Surgical Technology (SUTE)

SUTE 200 Medical Terminology in Surgical Technology 3 Credits
Exploration of word roots, prefixes, and suffixes used in medical language today. Students will learn to combine words to create appropriate medical conditions. Students will learn medical terms, spelling, and definitions related to major body systems, surgical procedures, and conditions associated with the operating room.
Prerequisites: Admission to the Surgical Technology Program, Completion of Surgical Technology Foundation courses, BIOL 209/BIOL 209L, BIOL 210/BIOL 210L, BIOL 241, and PSYC 150.
Corequisites: SUTE 202, SUTE 204, and SUTE 206.

SUTE 202 Fundamentals in Surgical Technology 4 Credits
Approaches to surgical technology. Students will learn tasks and responsibilities of the surgical technologist including the practice of sterile technique, surgical scrub, gown and glove, patient positioning, draping, and surgical prep on patients. Students will learn the practice of standard precautions in surgery. Skills will be practiced in a clinical setting.
Prerequisites: Admission to the Surgical Technology Program, Completion of Surgical Technology Foundation courses, BIOL 209/BIOL 209L, BIOL 210/BIOL 210L, BIOL 241, and PSYC 150.
Corequisites: SUTE 200, SUTE 204, and SUTE 206.

SUTE 204 Basic Surgical Technology Skills Lab 4 Credits
Clinical approaches to surgical technology. Students will demonstrate the use of electrocautery and laser equipment, as well as endoscopic instruments. They will describe commonly used lab and x-ray tests, as well as instrumentation used for abdominal and laparoscopic procedures. Students will demonstrate basic set up for urology, and ear, nose, throat and eye procedures.
Prerequisites: Admission to the Surgical Technology Program; Completion of Surgical Technology Foundation course; BIOL 209/BIOL 209L, BIOL 210/BIOL 210L, BIOL 241, and PSYC 150.
Corequisites: SUTE 200, SUTE 202, and SUTE 206.

SUTE 206 Pharmacology for Surgical Technology 2 Credits
Exploration of safe use of prescription and nonprescription drugs. Emphasis will be placed on the impact of safe drug use in promoting and maintaining health. The course will examine how drugs affect the body by changing many of its normal mechanisms and thereby contributing to potential health problems during surgery.
Prerequisites: Admission to the Surgical Technology Program, Completion of Surgical Technology Foundation courses, BIOL 209/BIOL 209L, BIOL 210/BIOL 210L, BIOL 241, and PSYC 150.
Corequisites: SUTE 200, SUTE 202, and SUTE 204.

SUTE 210 Safety in Surgical Technology 3 Credits
Exploration of information to prepare, plan, detect and communicate safety and security in the surgical arena. Students will learn tasks and responsibilities of incident-management, all-hazard preparation, and components for personal, community, and institutional disaster planning. They will learn OSHA, CDC, and environmental safety and protection for their practice.
Prerequisites: SUTE 200, SUTE 202, SUTE 204, and SUTE 206.
Corequisites: SUTE 212, SUTE 214, and SUTE 218.

SUTE 212 Surgical Procedures I 3 Credits
Exploration of specific surgical specialties including General Surgery, Obstetrics and Gynecologic, Genitourinary, Orthopedics, and Neurosurgical. This course introduces the student to the surgical specialties with a focus on a systems review of pathology in conjunction with specific procedures performed, specialized instrumentation, and surgical modalities of each surgical specialty.
Prerequisites: SUTE 200, SUTE 202, SUTE 204, and SUTE 206.
Corequisites: SUTE 210, SUTE 214, and SUTE 218.

SUTE 214 Surgical Procedures II 3 Credits
Exploration of specific surgical specialties including Otorhinolaryngologic, Oral and Maxillofacial, Plastic and Reconstructive, Ophthalmic, Cardiothoracic, and Peripheral Vascular. Students will learn the surgical specialties with a focus on a systems review of pathology in conjunction with specific procedures performed, specialized instrumentation, and surgical modalities of each surgical specialty.
Prerequisites: SUTE 200, SUTE 202, SUTE 204, and SUTE 206.
Corequisites: SUTE 210, SUTE 212, and SUTE 218.

SUTE 218 Specialty Surgical Procedures 4 Credits
Exploration of specific surgical specialties including plastic, pediatric, ophthalmic, vascular, orthopedic, neurosurgery, thoracic, and cardiac surgery. The student will focus on a systems review of pathology in conjunction with specific procedures performed, specialized instrumentation, and surgical modalities of each surgical specialty.
Prerequisites: SUTE 200, SUTE 202, SUTE 204, and SUTE 206.
Corequisites: SUTE 210, SUTE 212, and SUTE 214.

SUTE 220 Surgical Practicum I 4 Credits
Development of the student’s individualized experience via practice in the field. Emphasis is placed on demonstrating proficiency in skills necessary for participation in basic surgical procedures. This course will afford the student the opportunity to build on skills learned and actively participate in selected surgical procedures in the basic surgical specialties learned in Surgical Procedures 1.
Prerequisites: SUTE 210, SUTE 212, SUTE 214, and SUTE 218.
Corequisites: SUTE 230 and SUTE 240.

SUTE 230 Surgical Practicum II 4 Credits
Development of the student’s individualized experience via practice in the field. Emphasis is placed on demonstrating proficiency in skills necessary for participation in basic surgical procedures learned in Surgical Procedures 2.
Prerequisites: SUTE 210, SUTE 212, SUTE 214, and SUTE 218.
Corequisites: SUTE 220 and SUTE 240.

SUTE 240 Surgical Practicum III 4 Credits
Development of the student’s individualized experience via practice in the field. Emphasis is placed on demonstrating proficiency in skills necessary for participation in basic surgical procedures in specialty areas learned in Specialty Surgical Procedures. The student will prepare for the final competencies and prepare for transition to the work environment.
Prerequisites: SUTE 210, SUTE 212, SUTE 214, and SUTE 218.
Corequisites: SUTE 220 and SUTE 230.