

Surgical Technology Course Descriptions

- SUR 116 Surgical Terminology I 1-0-1**
Medical terminology pronunciation and spelling; defining prefixes, suffixes, and root words for the purpose of defining medical terms. Medical terminology relating to surgical descriptions, surgical schedules, diagnoses, and understanding doctor's orders. Prerequisite: admission into Surgical Technology program. F
- SUR 150 Personal and Professional Relations 1-0-1**
Professionalism relating to surgical technology including accountability, work ethics, communication, stress management, job searches and retention, professional obligations, certification, health care for a diverse community, and legal terms and topics. Prerequisite: admission into Surgical Technology program. S
- SUR 158 Pharmacology for the Surgical Technologist 1-0-1**
Introduction to basic pharmacology principles. Emphasis on the surgical technologist's role in medication administration, calculation, handling and labeling. Medication classifications and use in the surgical setting and how they may alter or influence surgical intervention. Prerequisites: admission in to Surgical Technology program and credit or concurrent enrollment in SUR 150.
- SUR 210 Surgical Specialties I 4-0-4**
Orientation to surgical technology; asepsis, sterilization; wound closures; hemostasis; wound healing; anesthesia; pharmacology; surgical procedures in gastrointestinal, genitourinary, gynecology, and general. Prerequisites: BIO 121, BIO 122, BIO 123, ENG 102, and PSY 101; concurrent enrollment in SUR 218, SUR 231, SUR 232, SUR 238 and SUR 239; and credit or concurrent enrollment in SUR 116. F
- SUR 218 Surgical Instrumentation I 1-0-1**
Introduction to preparation and use of standard instrumentation. Classifications; basic set assemblies. Specialty instrumentation utilized in surgeries of general, gastrointestinal, and genitourinary. Prerequisites: BIO 121, BIO 122, BIO 123, ENG 102, and PSY 101; concurrent enrollment in SUR 231, SUR 232, SUR 238 and SUR 239. F
- SUR 231 Clinical Theory I 4-3-5**
Introduction to the surgical environment. Introduction and redemonstration of basic clinical skill components needed to participate as a member of the surgical team in actual operating rooms. Offered in Parkland's mock operating room. Prerequisites: concurrent enrollment in SUR 210, SUR 218, and SUR 238. F
- SUR 232 Clinical Practicum I 2-6-4**
Introduction and redemonstration of advanced clinical skills for participation in the surgical specialties of general, gynecology, gastrointestinal, and genitourinary. Students function in the role of the surgical technologist in actual operating rooms. Prerequisites: SUR 231 and SUR 238 and concurrent enrollment in SUR 210, SUR 218, and SUR 239. F
- SUR 238 Mock Operating Room Lab I 0-1.5-0.5**
Laboratory course for SUR 131. Students actively participate in demonstration of clinical skills in the mock operating room under direction and supervision of an operating room professional. Prerequisites: concurrent enrollment in SUR 210 and SUR 231. F
- SUR 239 Mock Operating Room Lab II 0-1.5-0.5**
Laboratory course for SUR 131 and SUR 132. Students actively participate in demonstration of clinical skills in the mock operating room under direction and supervision of an operating room professional. Prerequisites: concurrent enrollment in SUR 210 and SUR 232. F
- SUR 254 Surgical Specialties II 3-0-3**
Anatomy, pathology, diagnostic procedures, special preoperative preparation, pharmacology, surgical specialty services, obstetrical, orthopedic, plastic, otological, nose and throat, ophthalmic, thoracic, cardiovascular, neurology, and maxillofacial. Prerequisites: SUR 210, SUR 116, SUR 218, SUR 231, SUR 232, SUR 238, and SUR 239; concurrent enrollment in SUR 259, SUR 273 and SUR 274; and credit or concurrent enrollment in SUR 150 and SUR 158. S
- SUR 259 Surgical Terminology and Instrumentation II 1-0-1**
Medical and surgical terminology and specialty instrumentation used in surgical specialty services of obstetrical, orthopedic, plastic, otological, nose and throat, ophthalmic, thoracic, cardiovascular, neurology, and maxillofacial. Prerequisite: concurrent enrollment in SUR 214. S
- SUR 273 Clinical Theory II 2-0-2**
Anatomy and physiology; intraoperative preparation of the surgical patient; common procedures presented with instrumentation, equipment, supplies, medications, and intraoperative for each surgical specialty. Basics of electricity, physics, and robotics. Hazard preparation in the operating room. Prerequisite: concurrent enrollment in SUR 254. S
- SUR 274 Clinical Practicum II 0-30-10**
Participation as a surgical team member in the role of the surgical technologist in the operating room. Includes experiences in labor and delivery and sterile processing department. Prerequisites: concurrent enrollment in SUR 254, SUR 259, and SUR 273. S
- SUR 275 Clinical Practicum III 2-12-6**
Demonstration and supervised practice of specialized surgical procedures with emphasis on acquiring proficiency for entry level employment as a surgical technologist. Preparation and review for national certification exam. Prerequisites: SUR 116, SUR 150, SUR 158, SUR 210, SUR 218, SUR 231, SUR 232, SUR 238, SUR 239, SUR 254, SUR 259, SUR 273, and SUR 274. FE

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