

# Surgical Technology

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## Surgical Technology Concepts I

**SURGT 1101 - 15 Credits**

Exploration of perioperative fundamentals including: surgical sciences, patient care concepts, surgical technology responsibilities, and surgical intervention including application and practice. The concepts of surgical terminology and pharmacology/anesthesia will also be included. Anatomy and Physiology along with Medical Terminology are strongly recommended. Prerequisites: Admission to the Surgical Technology program is required (11 lecture hours, 9 lab hours)

## Surgical Technology Concepts II

**SURGT 1102 - 8 Credits**

Continuation of Surgical Technology Concepts I with emphasis on acquiring proficiency in the clinical setting. The student will continue to gain expanded knowledge of areas of the perioperative environment. Prerequisite: Admission to the Surgical Technology program and Surgical Technology 1101 with a grade of C or better or equivalent (7 lecture hours, 3 lab hours)

## Surgical Technology Concepts III

**SURGT 1103 - 14 Credits**

Continuation of Surgical Technology Concepts II with emphasis on acquiring continued proficiency in the clinical setting. This course includes advanced theory into surgical technology and surgical practices. Prerequisite: Admission to the Surgical Technology program and Surgical Technology 1102 with a grade of C or better (13 lecture hours, 1 lab hour)

## Central Processing Distribution Technicn

**SURGT 1111 - 4 Credits**

This is a one semester certificate program that provides the student with the basic fundamentals of central processing, supplies, services, and distribution of hospital instrumentation, supplies, and equipment. This course will provide the student with didactic instruction and clinical practice in aseptic techniques, patient care concepts, and theories and practices of central services departments. Students who successfully complete the program will be eligible to sit for the International Association of Healthcare Central Service Material Management (IAHCSMM) National Certifying Examination. Prerequisite: Students must complete a background check, provide proof of health insurance, and complete mandatory health requirements including a chart review from designated health evaluator or consent of instructor. (2 lecture hours, 3 lab hours)

## **Selected Topics I**

### **SURGT 1820 - 1-3 Credits**

Introductory exploration and analysis of selected surgical technology topics with a specific theme indicated by course title listed in college course schedule. This course may be taken four times for credit as long as different topics are selected. Prerequisite: Consent of instructor is required (1 to 3 lecture hours)

## **Independent Study**

### **SURGT 1840 - 1-4 Credits**

Exploration and analysis of topics within the discipline to meet individual student-defined course description, goals, objectives, topical outline, and methods of evaluation in coordination with, and approved by the instructor. This course may be taken four times for credit as long as different topics are selected. Prerequisite: Consent of instructor is required (2 to 8 lab hours)

## **Introduction to the Perioperative Arena**

### **SURGT 2000 - 4 Credits**

Exploration of perioperative nursing fundamentals including concepts basic to perioperative nursing, patient safety and risk management, infection prevention and control in the perioperative arena, anesthesia, positioning the surgical patient, wound management, and surgical interventions. Prerequisite: Concurrent Enrollment in Surgical Technology 2001 and consent of instructor is required. (3 lecture hours, 2 lab hours)

## **Perioperative Internship I**

### **SURGT 2001 - 2 Credits**

Practical experience in the perioperative arena. The concepts of perioperative nursing will be applied towards a practical experience in an operating room. Prerequisite: Concurrent Enrollment in Surgical Technology 2000 and consent of instructor is required. (8 lab hours)

## **Perioperative Internship II**

### **SURGT 2002 - 2 Credits**

Advanced practical experience in the perioperative arena. The concepts of preoperative nursing will be explored in-depth in conjunction with an advanced practical experience in an operating room. Prerequisite: Surgical Technology 2000 and Surgical Technology 2001 with a grade of C or better or equivalent or consent of instructor. (8 lab hours)

# Surgical Technology

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## Surgical Assisting Principles I

**SURGT 2501 - 18 Credits**

Exploration of surgical assisting fundamentals including bioscience, microbiology, wound care, surgical complications, surgical assisting responsibilities, and surgical intervention, application, and practice. Concepts of laparoscopic, general, hernia repair, thoracic, plastic, and gynecological surgeries will also be included. Prerequisite: Admission to the Surgical Assisting Program is required. (18 lecture hours)

## Surgical Assisting Principles II

**SURGT 2502 - 12 Credits**

Exploration of surgical assisting fundamentals including bioscience, microbiology, wound care, surgical complications, surgical assisting responsibilities, and surgical intervention, application, and practice. Concepts of laparoscopic, general, hernia repair, thoracic, plastic, and gynecological surgeries will also be included. Prerequisite: Surgical Technology 2502 with a grade of C or better, or equivalent and consent of instructor. (12 lecture hours)

## Surgical Assisting Research & Laboratory

**SURGT 2503 - 4 Credits**

Advanced exploration of surgical procedures through research. Concepts of surgical procedures including incision, step-by-step elements of the surgical procedures, wound closure, dressings, and drains that require a surgical assistant. Principles, techniques, didactics, and laboratory practicum of basic and advanced suturing, knot tying, and wound closure for a variety of injuries, surgeries, and incisions. Prerequisite: Surgical Technology 2502 with a grade of C or better, or equivalent and consent of instructor.

## Surgical Assisting Clinical Internship

**SURGT 2504 - 8 Credits**

This clinical internship is a culmination of course work in the Surgical Assisting Program. Emphasis on acquiring proficiency in the clinical setting. Will provide students with the mandatory hours and surgical procedures necessary to take the national certification examination. This course may be taken two times for credit. Prerequisite: Surgical Technology 2503 with a grade of C or better, or equivalent and consent of instructor.

## **Internship (Career & Technical Ed)yCoop Ed/Internship Occup**

### **SURGT 2860 - 1-4 Credits**

Course requires participation in Career and Technical Education work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. Prerequisite: 2.0 cumulative grade point average; 12 semester credits earned in a related field of study; students work with Career Services staff to obtain approval of the internship by the Associate Dean from the academic discipline where the student is planning to earn credit.

## **Internship Advanced (Career & Tech Ed)**

### **SURGT 2865 - 1-4 Credits**

Continuation of Internship (Career and Technical Education). Course requires participation in Career & Technical Education work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. Prerequisite: 2.0 cumulative grade point average; 12 semester credits earned in a related field of study; students work with Career Services staff to obtain approval of the internship by the Associate Dean from the academic discipline where the student is planning to earn credit.