

Virginia Western Community College

SUR 298

Seminar and Project in Surgical Technology

Prerequisites

BIO 141, BIO 142, SDV 101, HLT 141, ENG 111, PSY230, SUR 100, SUR 135, SUR 140, SUR 145, HLT 105, SUR 150, SUR 240, SUR 245, SUR 250, SUR 195, SUR 230, SUR 210, SUR 260

VCCS Course Description

Requires completion of a project or research report related to the student's occupational objectives and a study of approaches to the selection and pursuit of career opportunities in the field. In this capstone course, the student demonstrates achievement of program outcomes and readiness for entry level practice as a surgical technologist. The student demonstrates knowledge for entry level practice via standardized testing and preparation for the NBSTSA Certified Surgical Technologist (CST) Exam.

Semester Credits: 4

Lecture Hours: 4

Required Materials

Textbook

1. Surgical Technology for the Surgical Technologist A Positive Care Approach, Kevin Frey, 6th edition
2. LANGE Q&A Surgical technology Examination, Sherman & Chmielewski, 8th edition
3. Pearson's Surgical Technology Exam Review, Rogers & McGuinness Leary, 4th edition
4. Surgical Technologist Exam Study Guide, AST, 4th edition

Other Required Materials:

All previously required textbooks

VCCS COURSE OUTCOMES

- Demonstrates achievement of all program outcomes and readiness for entry level practice as a surgical technologist
- Demonstrates knowledge, skill and preparedness for the NBSTSA CST exam

VWCC AND DISCIPLINE SPECIFIC TOPICAL DESCRIPTIONS

1. Overview of CST Exam: content, self-evaluation of content sections, format, test-taking strategies, etc.
2. Professionalism – ST specific resume writing and preparation for interviews and job readiness.
3. Review Subjects:
 - a. Medical terminology
 - b. Anatomy & physiology
 - c. Microbiology
 - d. Pharmacology
 - e. Biomedical terminology
 - f. Sterilization
 - g. Surgical asepsis
 - h. The surgical patient
 - i. Wound management
 - j. Professional aspects of the OR
 - k. Surgical instrumentation
 - l. Equipment and case prep
 - m. Surgical environment
 - n. General surgery
 - o. Obstetrics and gynecological surgery
 - p. Plastics and reconstructive surgery
 - q. Head and neck surgery
 - r. Neurosurgery
 - s. Ophthalmic surgery
 - t. Orthopedic surgery
 - u. Genitourinary surgery
 - v. Thoracic, cardiac and vascular surgery
 - w. Pediatric surgery
4. Trauma and Emergency Surgery Concepts

[TITLE IX STATEMENT](#)

[ADA STATEMENT](#)

