

Virginia Western Community College
SUR 298
Seminar and Project

Prerequisites

SUR 295 Topics in Surgical Technology, SUR 196+296 On-Site Training in Surgical Technology

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: 3

Lecture Hours: 3

Lab/Clinical/Internship Hours: 0

Required Materials

Textbook Title	Author	Edition
Surgical Technology for the Surgical Technologist A Positive Care Approach ISBN: 978-130595641-4	Frey, Kevin B.	5 th
LANGE Q&A Surgical Technology Examination ISBN: 978-125958811-2	Sherman, Carolan, Chmielewski, Mary	8 th
Pearson's Surgical Technology Exam Review ISBN: 978-0-13-521342-1	Rogers, Emily M., McGuinness Leary, Ann M.	4 th
Surgical Instrumentation, An Interactive Approach ISBN: 978-1-4557-0719-5	Nemitz, Renee	2 nd
Surgical Technologist Certifying Exam Study Guide ISBN: 978-0-8036-1226-6	AST	3 rd
Pharmacology for the Surgical Technologist ISBN: 978-0-323-34083-0	Katherine C. Snyder and Chris Keegan	4 th
VWCC Surgical Technology Student Handbook	VWCC AAS in ST	n/a
Surgical Equipment and Supplies ISBN: 978-0803645714	Rutherford, Colleen J.	2 nd

Course Outcomes

Upon completion of the course, students will be able to:
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

Topical Description

1. Overview of CST Exam: content, self-evaluation of content sections, format, test-taking strategies, etc.
2. Interventional Radiology**
3. Professionalism – ST specific resume writing and preparation for interviews
4. 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

Notes to Instructors

****Note:** A section on Interventional Radiology has been added to this course to align with new requirements set forth in the Core Curriculum for Surgical Technology 7th edition