

**Virginia Western Community College**  
**SUR 240**  
**Surgical Care II**

**Prerequisites**

SUR 140, SUR 145, BIO 142

**Course Description**

Builds on Surgical Care I by introducing anesthetics, wound healing, incisions, and suturing techniques. Presents principles of wound healing including types, stages, and complications. Provides foundational knowledge in the preparation and care of surgical supplies and equipment. Reviews responsibilities related to the surgical technologies in the scrub and circulating roles. Lecture 3 hours per week.

**Semester Credits: 3****Lecture Hours: 3****Required Materials****Textbook:**

- Surgical Technology for the Surgical Technologist: A Positive Care Approach Cengage, ISBN: 978-0-357-62573-6
- Study Guide to Accompany Surgical Technology for the Surgical Technologist Workbook, ISBN: 978-0-357-62575-0

**Other Required Materials:**

- Surgical Equipment and Supplies  
ISBN: 978-0803645714
- Surgical Instrumentation, An Interactive Approach  
ISBN: 978-032352370-7

## Course Outcomes

**At the completion of this course, the student should be able to:**

Course Learning Objectives/Learning Outcomes – Upon completion of the course, students will be able to:
Continue to practice and elaborate on guidelines, recommendations, terms, concepts of barriers, and evidence-based practice as they relate to aseptic technique and the principles of asepsis.
Continue to elaborate and institute the importance of surgical attire, gowning and gloving, hand washing, hand disinfection, and the surgical scrub using correct methods
Discuss and differentiate surgical drapes, focusing on their purpose, application and associated surgical specialties
Discuss and describe the purpose of case management and preparation, counts, surgical techniques, case planning, sharps safety and procedure specific supplies. Review and elaborate on Universal Protocols, prevention of retained items, and specimen care
Review and elaborate on the principles of wound management and the wound healing process; identify different methods of hemostasis and how applicable to the surgical wound
Understanding the different suture classifications, uses, and techniques for managing the surgical wound according to anatomical structure and tissue layer
Discuss and describe anatomical regions and its contents related to the general surgery specialty and the different incisions utilized to perform a variety of surgical procedures
Discuss the principles and importance of postoperative case management. Identifying the appropriate time and technique from dressing application, drape removal, and breakdown of sterile setup
Elaborating on introductory General surgery aspects; including MIS and Robotic basics
Introducing the basics of Interventional Radiology (IR): Related anatomy, emerging need in surgery, and how the role of the CST fits into the specialty

## Topical Description

<b>Exam Criteria/ Topics</b>
<p align="center"><b><u>Module 1: Exam #1</u></b>            *Reviewed material from SUR 140  <b>Draping the Surgical Patient</b></p>
<p align="center"><b><u>Module 2: Exam #2</u></b>  <b>Preoperative Case Management</b>  <b>Introduction to Anesthesia</b>  <b>Specimen Care and Handling</b></p>
<p align="center"><b><u>Module 3: Exam #3</u></b>  <b>Wound Management</b>            *Wound layers  <b>*Suture: categories, types, storage, techniques, passing, etc.</b></p>
<p align="center"><b><u>Module 4: Exam #4</u></b>  <b>Postoperative Case Management</b>  <b>Introduction to General Surgery</b>  <b>Introduction to Interventional Radiology (IR)</b></p>
<b><u>Cumulative Final Exam</u></b>

[ADA Statement](#) (PDF)

[Title IX Statement](#) (PDF)