

Virginia Western Community College
SUR 150
Surgical Instrumentation

Prerequisites

Admission to the Surgical Technology Program

Course Description

Introduces surgical instrumentation, supplies, and equipment used in the operating room for surgical procedures. Includes identification of instruments based on use, type, function, and design. Emphasizes use of surgical instruments to perform safely and effectively in the operating room environment. Lecture 2 hours. Total 2 hours per week. 2 credits

Semester Credits: 2

Lecture Hours: 2

Required Materials**Textbook:**

Surgical Instrumentation, An Interactive Approach ISBN: 978-032352370-7

Other Required Materials:

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

Course Outcomes

- Describe how instruments are used in the operating room
- Differentiate types of instruments by their design
- Differentiate types of instruments by their function
- Classify instruments by use
- Describe how to inspect instruments for defects
- Discuss safety issues in handling surgical instruments

Topical Description

Exam Criteria/ Topics
<u>Module 1: Exam #1</u> <u>Nemitz:</u> Ch 1: Introduction to Surgical Instruments Ch 3: Basic Instruments <u>Cengage:</u> Ch 10: Instrumentation, Equipment, and Supplies
<u>Module 2: Exam #2</u> Ch 6: Robotic Instruments Ch 8: Genitourinary Instruments Ch 9: Ophthalmic Instruments Ch 11: Oral Instruments
<u>Module 3: Exam #3</u> Ch 4: General Instruments Ch 5: Laparoscopic Instruments Ch7: Obstetrics and Gynecologic Instruments
<u>Module 4: Exam #4</u> Ch 10: Otorhinolaryngology Instruments Ch 12: Plastic and Reconstructive Instruments
<u>Module 5: Exam #5</u> Ch 13: Orthopedic Instruments Ch 14: Neurosurgical Instruments
<u>Module 6: Exam #6</u> Ch 15: Cardiovascular Thoracic Instruments **material from previous chapters*
Final Exam

[ADA Statement](#) (PDF)

[Title IX Statement](#) (PDF)