

Virginia Western Community College

SUR 150

Surgical Instrumentation

Prerequisites

Admission to the Surgical Technology Program

VCCS 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

VWCC Discipline Specific Course Description

Not applicable. See above.

Semester Credits: 2

Lecture Hours: 2

Required Materials

Textbook

1. Surgical Instrumentation, An Interactive Approach, 4th edition, Elsevier, ISBN: 978-0-323-77693-6
2. Surgical Technology for the Surgical Technologist, 6th edition, AST/Cengage, ISBN: 978-0-357-62573-6

Other Required Materials:

1. Study Guide to Accompany Surgical Technology for the Surgical Technologist Workbook, ISBN: 978-0-357-62575-0

Note to Instructors

[Add Note to Instructors Here]

VWCC AND DISCIPLINE SPECIFIC 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

VWCC AND DISCIPLINE SPECIFIC TOPICAL DESCRIPTIONS

1. Introduction to Surgical Instruments
 - a. Surgical Instrumentation equipment and supplies
2. Basic Instrumentation
3. Robotic Instruments
4. Genitourinary Instruments
5. Ophthalmic Instruments
6. Oral Instruments
7. General Instruments
8. Laparoscopic Instruments
9. Obstetrics and Gynecologic Instruments
10. Otorhinolaryngology Instruments
11. Plastic and Reconstructive Instruments
12. Orthopedic Instruments
13. Neurosurgical Instruments

[TITLE IX STATEMENT](#)

[ADA STATEMENT](#)

