

Virginia Western Community College

SUR 240

Surgical Instrumentation

Prerequisites

SUR 140, SUR 145, BIO 142

VCCS 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.

VWCC Discipline Specific Course Description

Not applicable. See above.

Semester Credits: 3

Lecture Hours: 3

Required Materials

Textbook

1. 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

VWCC AND DISCIPLINE SPECIFIC OUTCOMES

- Review of Aseptic Technique
- Surgical case management
- Draping the surgical patient
- Surgical incisions: types and location
- Review of wound healing phases, classifications, and handling techniques
- Surgical wound management
- Tissue approximation
- Different suture material, types, and uses in relation to tissue approximation and wound healing

- Suturing Techniques
- Sharp's safety
- Postoperative case management
- Introduction to general surgery (open, laparoscopic and robotic)
- Introduction to Interventional Radiology (IR)

VWCC AND DISCIPLINE SPECIFIC TOPICAL DESCRIPTIONS

1. Draping the Surgical Patient
2. Preoperative Case Management
3. Introduction to Anesthesia
4. Specimen Care and Handling
5. Wound Management
 - a. Wound layers
6. Suture
 - a. Categories
 - b. Type
 - c. Storage requirements
 - d. Suturing techniques
 - e. How to properly pass suture
7. Post-operative Case Management
8. Introduction to General Surgery
9. Introduction to Interventional Radiology (IR)

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[ADA STATEMENT](#)

