

MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE

COURSE OUTLINE

DEPT. SURG

COURSE NUMBER: 1140

NUMBER OF CREDITS: 1

Lecture: 0 Lab: 1 OJT 0

Course Title:
Operating Room Practices

Catalog Description:
Operating Room Practices will facilitate students in development of fundamental operating room skill, to identify instruments and to prepare necessary supplies for surgical case management. Included will be a basic knowledge of electricity, physics and robotics. Emphasis will be placed on demonstrating the principles of aseptic techniques as they apply skills inherent in the role of the surgical technologist. The students will observe, practice and demonstrate these skills in a lab setting.

Prerequisites or Necessary Entry Skills/Knowledge:
SURG 1120 and SURG 1150

FULFILLS MN TRANSFER CURRICULUM AREA(S) (*Leave blank if not applicable*)

- Goal 1: Communication: By meeting the following competencies:
- Goal 2: Critical Thinking: By meeting the following competencies:
- Goal 3: Natural Sciences: By meeting the following competencies:
- Goal 4: Mathematics/Logical Reasoning: By meeting the following competencies:
- Goal 5: History and the Social and Behavioral Sciences: By meeting the following competencies:
- Goal 6: The Humanities and Fine Arts: By meeting the following competencies:
- Goal 7: Human Diversity: By meeting the following competencies:
- Goal 8: Global Perspective: By meeting the following competencies:
- Goal 9: Ethical and Civic Responsibility: By meeting the following competencies:
- Goal 10: People and the Environment: By meeting the following competencies:

Topics to be Covered
Creation and maintenance of the sterile field.
Basic case preparation and selection.
Identify and prepare various surgical supplies and equipment.
Urinary catheterizations and drains.
Thermoregulation.

Surgical attire.
Asepsis and sterile technique.
Identify and label medications/solutions on the back table.
Preanesthesia skill.
Preparation of the OR suite.
Selection of Mayo stand instruments.
Setting up back table, taking supplies and medications/solutions.
Demonstrate count protocol
Principles of draping.
Skin preparation.
Gowning and gloving self and another person.
Fire awareness.
Identify, prepare, and pass instruments including loading suture right & left handed.
Open gloving technique.
Specimen care, dressings, drains and postanesthesia care.
Dismantle sterile field and disrobe.
Room turnover and confidentiality.
Minimally Invasive Surgery.
Transition to Clinical Setting.

Student Learning Outcomes
Demonstrate techniques of opening and preparing various supplies, instruments, and equipment needed for any procedure, with the maintenance of asepsis technique at all times.
Identify basic instruments by type, function and name, and will demonstrate care, handling, and assembly of instruments.
Identify the names and functions of various types of accessory and special equipment utilized in modern operating room practice.
Demonstrate the procedures for counting instruments, sponges, needles and other items on the sterile field. Know the difference between a soft and full count.
Demonstrate initial steps for starting a surgical procedure.
Assess specific variations of intraoperative technique.
Describe the procedure for specimen labeling and handing off to circulator and identify and prepare dressings and wound drains. Assist with postanesthesia care.
Perform decontamination of the OR environment and equipment including demonstrating sharp safety and containment.
Provide required clinical documentation and demonstrate Affective, Cognitive, and Psychomotor Domain.

<p>Is this course part of a transfer pathway: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p><i>*If yes, please list the competencies below</i></p>
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Revised Date: 10/13/2023