

# MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE

## COURSE OUTLINE

**DEPT. SURG**

**COURSE NUMBER: 1151**

**NUMBER OF CREDITS: 4**

**Lecture: 4 Lab: 0 OJT: 0**

<b>Course Title:</b>
Operating Room Procedures II

<b>Catalog Description:</b>
Operating Room Procedures II enables students to understand various types of surgical procedures. Students will relate the knowledge learned in previous theory courses to specific surgical procedures. The types of cases to be studied will include Otorhinolaryngologic, Orthopedic, Cardiothoracic, Peripheral Vascular surgeries, and Neurosurgery. The areas of anatomy, diagnostic testing, patient positioning, instrumentation, equipment and supplies necessary to complete a surgical procedure and the actual sequence of the procedure will be analyzed.

<b>Prerequisites or Necessary Entry Skills/Knowledge:</b>
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:

<b>Topics to be Covered (General)</b>
Employability skills and job seeking skills
Incisions and tissue approximation
Surgical procedures and operative sequence
Preoperative diagnosis & diagnostics
Anatomy & physiology
Patient positioning and positioning devices

Creation and maintenance of the sterile field
Basic case preparation and selection
Identify and prepare various surgical instruments, supplies and equipment
Preanesthesia skills
Skin preparation
Fire awareness
Identify, prepare, and pass instruments including loading suture right & left handed
Specimen care, dressings, drains, wound classifications, and postanesthesia care

### Student Learning Outcomes

Develop a professional resume and demonstrate responsible and accountable behavior, assess employment opportunities and develop employment and interview strategies, and compare and contrast various types of employment applications and follow-up correspondence.
Apply medical terminology as it relates to each procedure.
Compare and contrast the approach and sequence of each procedure.
Identify the various types of incisions, the anatomy and physiology as related to each type of incision and the principles of exposure.
Discuss the diagnostic procedures and pathology used to obtain a diagnosis.
Discuss the different incisions and which incision is best for the different surgical procedures.
Recognize the necessary supplies, instrumentation, and equipment for each procedure and identify which instruments will be placed on the Mayo stand.
Describe preoperative patient preparation and considerations for each procedure including positioning of patient each procedure.
Identify the wound classifications for each procedure.
Discuss postoperative care, considerations, and potential complications for the surgical patient.

**Is this course part of a transfer pathway:** Yes ☐ No ☒

*\*If yes, please list the competencies below*

Revised Date: 4/20/2024