Faculty members are required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Academic Affairs and Standards Council.

DEPT. Surgical Technology  COURSE NUMBER: 1151

NUMBER OF CREDITS: 4  Lecture: 4  Lab: ________

Course Title:
Operating Room Procedures II

Catalog Description:
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 Ophthalmic, Otorhinolaryngologic, Plastic & Reconstructive Surgery, Cardiothoracic, Peripheral Vascular surgeries. 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.

FULFILLS MN TRANSFER CURRICULUM AREA(S)
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:

Prerequisites or Necessary Entry Skills/Knowledge:
SURG 1110, 1130, 1120, 1150, HC 1180
Concurrent with SURG 1140, 1160
### Topics to be Covered

1. Instrumentation
2. Equipment & Supplies
3. Exposure
4. Incisions
5. Surgical dressings
6. Tissue approximation
7. Preoperative diagnosis & Diagnostics
8. Sequencing and anticipation
9. Surgical wound closure & classifications
10. Hemostasis and blood replacement
11. Patient positioning and positioning devices

### Student Learning Outcomes

Outcomes are specific to areas of include Ophthalmic, Otorhinolaryngologic, Plastic & Reconstructive Surgery, Cardiothoracic, Peripheral Vascular surgeries.

1. Discuss and demonstrate knowledge and sequence of various surgical procedures.
2. Discuss and demonstrate knowledge of correct positioning of patient for different surgical procedures.
3. Identify instruments that will be used for different surgical procedures.
4. Identify which instrument sets and supplies will be used for different surgical procedures and which instruments and supplies will be placed on the mayo stand.
5. Identify members of the surgical team and their roles and the importance of communication between the OR (operating room) and other facility departments.
6. Discuss the steps taken at the beginning of a surgical procedure including the “Time Out”.
7. Identify different incisions and determine which is incision is best for the different surgical procedures.
8. Discuss and understand the different wound closures and classifications.
9. Discuss the basic concepts related to Robotics and minimal invasive surgery.
10. Determine safety concerns related to electrical equipment.
11. Describe the different processes for hemostasis and blood replacement.
12. Identify the different surgical dressings.

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

Revised March, 2020