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:** 1150

**NUMBER OF CREDITS:** 4  
Lecture: X  
Lab:

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<thead>
<tr>
<th>Course Title:</th>
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<tr>
<td>Operating Room Procedures I</td>
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**Catalog Description:**

Operating Room Procedures I 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 general surgery (Gastrointestinal, Hernia repairs, Breast surgery, Thyroid & Parathyroid, Liver & Biliary Tract), OB/GYN, Genitourinary, Orthopedic, Oral & Maxillofacial 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.

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**Prerequisites or Necessary Entry Skills/Knowledge:**

SURG 1110, SURG 1130

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**Topics to be Covered (General)**

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

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. Discuss the different incisions and 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. Understand the different processes for hemostasis and blood replacement.
12. Identify the different surgical dressings.

### Is this course part of a transfer pathway:

- Yes [ ]
- No [x]

*If yes, please list the competencies below*

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Revised 5/2020