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, SURG 1150

Topics to be Covered (General)
1.  Creation and Maintenance of the Sterile Field.
2.  Basic case preparation and selection.
3.  Identify and prepare various surgical supplies and equipment.
4.  Urinary catheterizations and drains.
5.  Thermoregulation.
6.  Surgical Atire.
7.  Asepsis and sterile technique.
8.  Identify and label medications and solutions on back table.
9.  Preanesthesia skills.
10. Preparation of the OR suite.
11. Selection of Mayo stand Instruments.
12. Setting up Back Table, taking supplies, medications solutions.
15. Gowning and gloving self and another person.
16. Fire awareness.
17. Identify, prepare, and pass instruments including loading suture right & left handed.
18. Open gloving technique.
19. Specimen care, dressings, drains and postanesthesia care.
20. Dismantle sterile field and disrobe
21. Room turnover and confidentiality.
22. Minimally invasive surgery.
23. Transition to Clinical Setting.

Student Learning Outcomes

1. Demonstrate techniques of opening and preparing various supplies, instruments, and equipment needed for any operative procedure, with the maintenance of asepsis technique at all times.
2. Identify basic instruments by type, function and name, and will demonstrate care, handling, and assembly of instruments.
3. Identify the names and functions of various types of accessory and special equipment utilized in modern operating room practice.
4. Discuss the types of drapes available and the principles of draping and will demonstrate their application including draping of a C-Arm.
5. Demonstrate the principles of safe transportation for surgical patient. Employ the principles of body mechanics.
6. Perform basic positioning.
7. Demonstrate urinary catheterization.
8. Describe the steps and rationales for surgical skin preparation.
10. Apply sterile technique when self-gowning and gloving and assisting other team members.
11. Demonstrate the steps of the surgical scrub.
12. Demonstrate the procedures for counting instruments, sponges, needles and other items on the sterile field. Know the difference between a soft count and full counts.
13. Demonstrate initial steps for starting a surgical procedure.
14. Describe the procedure for specimen labeling and handing off to circulator.
15. Assess specific variations of intraoperative technique.
16. Perform decontamination of the OR environment and equipment.

Is this course part of a transfer pathway: Yes ☐ No ☒
*If yes, please list the competencies below

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