

Course discipline/number/title: ST 2121: Operating Room Techniques II

- A. CATALOG DESCRIPTION
1. Credits: 5-credits-3 lecture/2 lab
 2. Hours/Week: 8 lecture, 10.65 lab
 3. Prerequisites (Course discipline/number): ST 2120
 4. Other requirements: None
 5. MnTC Goals (if any): NA
- B. COURSE DESCRIPTION: This course covers knowledge on effective communication, conflict resolution and teamwork in the perioperative process. Emphasis will be on skin prep, positioning, instrument set-ups, draping, minimally invasive robotics, general surgery procedures, lasers, obstetrics, pediatrics and ear surgery.
- C. DATE LAST REVISED (Month, year): September, 2023
- D. OUTLINE OF MAJOR CONTENT AREAS:
1. Information Technology including patient records
 2. Minimally Invasive/Robotics
 3. Principles of Aseptic Technique
 4. Scrub/Gown/Gloving/Draping tables
 5. Dispensing and receiving medications
 6. Positions
 7. Skin prep and catheterization
 8. Patient draping
 9. Doctors preference cards or records
 10. Establishing the sterile field
 11. Surgical specialties (minimally invasive, hernia, breast, gastrointestinal, biliary, thyroid, parathyroid, ear, obstetrics, and pediatrics)
 - a) Anatomy review-including incision options
 - b) Pathophysiology
 - c) Perioperative process
 - d) Instrumentation
 - e) Procedures
 12. Laser and laser safety
 13. Timeout process
 14. Effective communication, conflict resolution and teamwork
- E. LEARNING OUTCOMES (GENERAL): The student will be able to:
1. Apply the principles of asepsis in a knowledgeable manner to provide optimum patient care.
 2. Show accountability as a health care professional.
 3. Utilize principles of safe positioning.
 4. Demonstrate role of the assistant circulator.
 5. Demonstrate role of scrubber.
 6. Identify and state use of specialty instruments.
 7. Establish the sterile field.
 8. Explain knowledge of surgical specialties listed above.
- F. LEARNING OUTCOMES (MNTC): NA
- G. METHODS FOR EVALUATION OF STUDENT LEARNING: Methods may include but are not limited to:
1. Written testing and assignments
 2. Return demonstration of each skill following aseptic technique
 3. Identification of specialty instruments
 4. Lab final practical exam



- H. RCTC CORE OUTCOME(S). This course contributes to meeting the following RCTC Core Outcome(s):
Critical Thinking. Students will think systematically and explore information thoroughly before accepting or formulating a position or conclusion.

Personal and Professional Accountability. Students will take responsibility as active learners for achieving their educational and personal goals.

- I. SPECIAL INFORMATION (if any):

1. Liability Insurance
2. Care and Handling of sharps
3. Standard Precautions