

## Course discipline/number/title: ST 2122: Introduction to the Operating Room

### A. CATALOG DESCRIPTION

1. Credits: 3-1 credit lecture/2 credits clinical
2. Hours/Week: 1 lecture, 6 clinical
3. Prerequisites (Course discipline/number): ST 2110, ST 2121
4. Other requirements: None
5. MnTC Goals (if any): NA

### B. COURSE DESCRIPTION: This course covers surgical procedures performed in orthopedic and eye specialties. It includes an introduction to clinical experience where the scrub and assistant circulator roles are practiced.

### C. DATE LAST REVISED (Month, year) September, 2023

### D. OUTLINE OF MAJOR CONTENT AREAS:

1. Perform scrub role
2. Perform assistant circulator role
3. Orthopedic surgery
  - a) Anatomy review
  - b) Pathophysiology
  - c) Perioperative process
  - d) Instrumentation, supplies and equipment
  - e) Procedures
4. Eye surgery
  - a) Anatomy review
  - b) Pathophysiology
  - c) Perioperative process
  - d) Instrumentation, supplies and equipment
  - e) Procedures
5. Scrub surgical procedures

### 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. Understand basic surgical case preparations.
3. Demonstrate role of assistant circulator.
4. Demonstrate role of scrub person.
5. Apply knowledge of anatomy and pathophysiology.
6. Explain knowledge of orthopedic and eye procedures.
7. Identify and state use of specialty instruments, supplies and equipment.

### 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. Observation and evaluation in clinical setting

### 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