COMMON COURSE OUTLINE: Course discipline/number/title: ST 2120: Operating Room Techniques I

A. CATALOG DESCRIPTION
1. Credits: 5
2. Hours/Week: 3 hours lecture and 2 hours lab per week
3. Prerequisites (Course discipline/number): BIOL 1217, BIOL 1218, CHEM 1101, ENGL 1117, BTEC 1610, BTEC 2870, NA 1610, PSYC 1611.
4. Co-requisites (Course discipline/number): ST 2110
5. MnTC Goals (if any): NA

This course covers the fundamental skills necessary to work in the operating room and related areas. Emphasis is on aseptic technique, scrub and circulator roles, equipment, supplies, instrumentation, legalities and the perioperative process of the patient.

B. DATE LAST REVISED (Month, year): November, 2015

C. OUTLINE OF MAJOR CONTENT AREAS:
1. Team members
2. Physical facilities
3. OR standards/recommended practices
4. Instrumentation
5. OR attire
6. Principles of aseptic technique
7. Scrub/gown/gloving
8. Table draping
9. Packaging/Methods of sterilization/disinfection
10. OR cleaning
11. Scrub/circulator duties
12. Sutures
13. Dispensing and receiving medications
14. Surgical drains
15. Surgical sponges
16. Surgical dressings
17. Sponge/needle/instrument counts
18. Calculate blood loss
19. Safety
20. Specimens
21. Cost containment
22. Latex allergy
23. Electrosurgery/electrocautery/electricity
24. Legalities
25. Ethics
26. Accountability/confidentiality
27. Patient
28. Perioperative Process
29. Diagnostic procedures

D. LEARNING OUTCOMES (GENERAL): The student will be able to:
1. Demonstrate knowledge and application of aseptic technique.
2. Demonstrate basic surgical case preparation.
3. Demonstrate creation and maintenance of sterile field.
4. Demonstrate scrub role.
5. Demonstrate assistant circulator role.
6. Demonstrate appropriate techniques to assist with homeostasis.
7. Identify and state use of instrumentation, supplies, and equipment.
D. **LEARNING OUTCOMES (GENERAL): Continued** The student will be able to:
8. Demonstrate accountability as a health care professional.

E. **LEARNING OUTCOMES (MNTC):** NA

F. **METHODS FOR EVALUATION OF STUDENT LEARNING:**
1. Written testing
2. Return demonstration of each skill following principles of aseptic technique
3. Lab practical exam (combined skills)
4. Identification of supplies, equipment, and instrumentation used on surgical procedures

G. **RCTC CORE OUTCOME(S) ADDRESSED:**
- Communication
- Critical Thinking
- Global Awareness/Diversity
- Civic Responsibility
- Personal/Professional Accountability
- Aesthetic Response

H. **SPECIAL INFORMATION (if any):**
1. Liability Insurance