COMMON COURSE OUTLINE: Course discipline/number/title: ST 2123: Surgical Procedures I

A. CATALOG DESCRIPTION
   1. Credits: 9
   2. Hours/Week: 2 lecture and 7 lab hours
   3. Prerequisites (Course discipline/number): ST 2110, ST2120, ST2121, ST 2122
   4. Co-requisites (Course discipline/number): ST 2124
   5. MnTC Goals (if any): NA

   This course combines classroom and clinical experience with a focus on procedures in neurosurgery, cardiovascular, peripheral vascular, plastics, and transplantation. In clinical, scrubber and circulating duties are practiced.

B. DATE LAST REVISED (Month, year): January, 2012

C. OUTLINE OF MAJOR CONTENT AREAS:
   2. Pathophysiology of the cardiovascular, peripheral-vascular, nervous systems, and plastic and transplantation surgery.
   3. Perioperative process of nervous, cardiovascular, peripheral-vascular, nervous systems, and plastic and transplantation surgery.
   4. Instruments, supplies, and equipment for cardiovascular, peripheral-vascular, nervous systems and plastic and transplantation surgery.
   5. Surgical procedures performed on cardiovascular, peripheral-vascular, nervous systems, and plastic and transplantation surgery.
   6. Scrub cardiovascular, peripheral-vascular, neurosurgery and plastic procedures
   7. Scrub various procedures

D. LEARNING OUTCOMES (GENERAL): The student will be able to:
   1. Demonstrate patient care concepts.
   2. Demonstrate the application of the principles of asepsis in a knowledgeable manner to provide optimum patient care.
   3. Demonstrate basic surgical case preparation skills in cardiovascular, peripheral-vascular, neurosurgery, and plastic surgery.
   4. Demonstrate creation and maintenance of the sterile field.
   5. Demonstrate the role of the scrub person.
   6. Demonstrate the role of the assistant circulator.
   7. Demonstrate accountability as a health care professional.
   8. Demonstrate knowledge of procedures performed in cardiovascular, peripheral-vascular, neurosurgery, plastics and transplantation surgery.

E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:
   1. Written testing
   2. Written assignments
   3. Observation and evaluation of students’ clinical skills in an operating room setting

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
   2. Will take National Board of Surgical Technology and Surgical Assisting (NBSTSA) Exam to complete graduation requirements