COURSE INFORMATION FORM

DISCIPLINE: Surgical Technology
COURSE TITLE: Fundamentals of Surgical Technology I

CR.HR. 5 LECT HR. 3 LAB HR. 4 CLIN/INTERN HR. CLOCK HR.

CATALOG DESCRIPTION

Apply principles of medical and surgical asepsis in the operating room. This course focuses on preparation and maintenance to the sterile field, identification, care and handling of instruments, sutures, supplies and equipment. Emphasis is on basic skills of the surgical technologist in preparation for and during operative procedure.

PREREQUISITES

SURT 100, SURT 103, SURT 105 and SURT 109

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)

Upon completion of this course, the student will be able to:

1. Demonstrate use of appropriate surgical attire.
2. Analyze the use, components and aides utilized to achieve various surgical positions.
3. Compare the different types of skin preparation.
4. Demonstrate sterile technique.
5. Employ sterile technique during the surgical scrub.
6. Employ sterile technique when gowning and gloving self and other surgical team members.
7. Demonstrate the procedure for counting instruments, sponges, sharps and other items commonly used in surgery.
8. Demonstrate the aseptic principles of draping the patient, equipment and furniture.

GENERAL EDUCATION OUTCOMES (ESO)

Specify which general education outcomes, if any, are substantially addressed by the course. Numbers in parentheses identify the Expected Student Outcomes linked to the specific General Education Outcome.

<table>
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<tr>
<th>Outcomes</th>
<th>ESO</th>
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Revised 5/1/14
PROGRAM-LEVEL OUTCOMES

CAREER AND TECHNICAL EDUCATION PROGRAM OUTCOMES
Specify which Career and Technical program outcomes, if any, are substantially addressed by the course by completing the “Career and Technical Education template” to show the relationship between course and program outcomes to assessment measures.

Outcome 2:
The curriculum design, course content and faculty will prepare students to function as entry level surgical technologists.

CLASS-LEVEL ASSESSMENT MEASURES
Student accomplishment of expected student outcomes may be assessed using the following measures. (Identify which measures are used to assess which outcomes.)

1. Assignments (1,2,3,4,5,6,7,8)
2. Written Examinations (1,2,3,4,5,6,7,8)
3. Skill Assessments (1,2,3,4,5,6,7,8)
COURSE OUTLINE FORM

DISCIPLINE:  Surgical Technology

COURSE TITLE: Fundamentals of Surgical Technology I

Individual instructors may order this outline as fits the needs of their individual courses. In addition, they may place more emphasis on some areas than on others. What is assured is that this particular list is covered in the course. Other topics may be added to a course as the instructor sees fit, and as time and interest allow. An *asterisk can be used to mark an item as optional.

I. Proper Operating Room Attire
   A. Basic attire
   B. Accessory attire
   C. Restrictions

II. Patient Positioning
   A. Patient surgical positions
   B. Factors that influence positioning
   C. Surgical table
   D. Fracture table

III. Patient Transfer
   A. Methods
   B. Equipment
   C. Principles

IV. Surgical Skin Preparation
   A. Concepts
   B. Skin prep
   C. Special considerations
   D. Postoperative removal of solution
   E. Documentation
   F. Safety concerns

V. Asepsis and Sterile Techniques in the OR Suite
   A. Terminology
   B. Sources of contamination
   C. Principles of asepsis
   D. Medical handwash
   E. Surgical scrub

VI. Gowning and Gloving
   A. Gowning techniques
   B. Gloving techniques
   C. Assist team members
   D. Removal of gown and gloves

VII. Surgical Counts
   A. Legal responsibilities
   B. Techniques
   C. Timing
   D. Methods
   E. Procedure for handling an incorrect count
   F. Electronic methods of tracking counts

VIII. Draping
   A. Drape materials
   B. Types of drapes
   C. Daping the patient for surgical procedures
   D. Draping operating room furniture
   E. Draping ancillary equipment