Faculty is required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Academic Affairs and Standards Council.

DEPT. Surgical Technology                      COURSE NUMBER: SURG1140

NUMBER OF CREDITS:  4 (0/4)

COURSE TITLE:  Operating Room Practices

CATALOG DESCRIPTION: This course will facilitate students in development of fundamental operating room skill, to identify instruments and to prepare necessary supplies for surgical case management. Included will be a basic knowledge of electricity, physics and robotics. Emphasis will be placed on demonstrating the principles of aseptic techniques as they apply skills inherent in the role of the surgical technologist. The students will observe, practice and demonstrate these skills in a lab setting. This course must be taken immediately proceeding O.R. Clinical Lab I.

AUDIENCE: Surgical Technology Students

FULFILLS MN TRANSFER CURRICULUM AREA(S) *(Leave blank if not applicable)*
Area:    by meeting the following competencies:
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PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE: Operating Room Theory, Surgical Microbiology, Surgical Pharmacology. Take concurrently with Operating Room Procedures.

LENGTH OF COURSE: 8 hours per week for 15 weeks.

THIS COURSE IS USUALLY OFFERED:
Every other year □   fall □   spring □   summer □   undetermined □

Four goals are emphasized in course at Minnesota West Community & Technical College:

1) ACADEMIC CONTENT: The academic objectives of this course are:
   a. Explain the principles and application of thermoregulation
   b. Demonstrating consistency in the use of aseptic technique in the operating room setting.
   c. Demonstration and application of skills
   d. Assimilating and applying knowledge from the didactic portion of this course into the clinical setting
   e. Prepare the operative site for surgery
2) THINKING SKILLS: This course will help students improve the effectiveness of their thinking skills through immediately applying what is learned into the practice setting in a controlled lab environment.

3) COMMUNICATIONS SKILLS: This course will help students improve their oral and written communication skills through:
   a. Use of the proper names of surgical instruments, equipment and devices in a controlled practice setting.
   b. Learning to have dialogue with peers using the terms and definitions related to surgical concepts related to aseptic technique.

4) HUMAN DIVERSITY: This course will help students recognize, understand, and appreciate human diversity through interactions with the other members of the healthcare team.

TOPICS TO BE COVERED:
- Creation and Maintenance of the Sterile Field
- Basic Case Preparation and selection
- Identify and prepare various surgical supplies, Equipment
- Urinary catheterization, catheters and drains
- Thermoregulation
- Atire
- Asepsis and sterile technique
- Vital Signs
- Transportation,
- Patient Identification.
- Chart Review
- Documentation
- Discharge planning
- PACU
- Employability skills
- Accessory Equipment
- Specialty Equipment
- Principles of Draping
- Skin Preparation
- Decontamination/Disinfection
- Reprocessing
- Employability skills

LIST OF EXPECTED COURSE OUTCOMES:
1. Demonstrate techniques of opening and preparing supplies and instruments needed for any operative procedure, with the maintenance of asepsis at all times.
2. Identify basic instruments by type, function, and name, and will demonstrate care, handling, and assembly of instruments.
3. Identify and prepare various surgical supplies.
4. Identify suture materials and stapling devices and will demonstrate preparations and handling techniques.
5. Identify, describe and handle the various surgical needles.
6. Identify the names and functions of various types of accessory equipment and demonstrate its proper care, handling and assembly.
7. Identify types of special equipment utilized in modern operating room practice and will demonstrate its basic care, handling and assembly.
8. Discuss the types of drapes available and the principles of draping and will demonstrate their application.
9. Perform postoperative case management duties in an organized and timely manner.
10. Assess the standards and policies to promote patient satisfaction in the perioperative setting.
11. Describe and perform the physical preparation and care that the surgical patient may receive prior to the surgical procedure.
12. Demonstrate the identification process for a surgical patient admitted to the surgical suite.
13. Demonstrate the principles of safe transportation for surgical patient. Employ the principles of body mechanics.
14. Review the patient chart for completeness.
15. Perform basic positioning
16. Demonstrate urinary catheterization
17. Describe the steps and rationales for surgical skin preparation.
18. Employ principles involved in donning surgical attire.
19. Gather the instruments, supplies, and equipment needed for a surgical procedure.
20. Apply sterile technique when self gowning and/or gloving and when assisting other team members
21. Demonstrate the steps of the surgical scrub
22. Drape furniture and equipment needed for the surgical procedure
23. Demonstrate the procedures for counting instruments, sponges, needles and other items on the sterile field.
24. Demonstrate initial steps for starting a surgical procedure.
25. Describe the procedure for specimen labeling and transfers to appropriate department.
27. Analyze the immediate postoperative care of the surgical patient.
28. Perform decontamination of the OR environment and equipment.
29. Perform postoperative case management duties in an organized and timely manner
30. Create a resume and perform a mock interview.

LEARNING/TEACHING TECHNIQUES used in the course are:
- [x] Collaborative Learning
- [x] Problem Solving
- [x] Student Presentations
- [x] Interactive Lectures
- [ ] Creative Projects
- [ ] Individual Coaching
- [x] Lecture
- [x] Films/Videos/Slides
- [ ] Demonstrations
- [ ] Other (describe below)
- [x] Lab

ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:
- [x] Reading
- [x] Tests
- [x] Oral Presentations
- [ ] Individual Projects
- [ ] Textbook Problems
- [ ] Collaborative Projects
- [ ] Group Problems
- [ ] Worksheets
- [ ] Papers
- [ ] Other (describe below)
- [ ] Term Paper

EXPECTED STUDENT LEARNING OUTCOMES: see above
"This course will cover the characteristics of hazardous wastes and its safe handling, storage, and disposal."

The information in this course outline is subject to revision

Veteran Services: Minnesota West is dedicated to assisting veterans and eligible family members in achieving their educational goals efficiently. Active duty and reserve/guard military members should advise their instructor of all regularly scheduled military appointments and duties that conflict with scheduled course requirements. Instructors will make every effort to work with the student to identify adjusted timelines. If you are a veteran, please contact the Minnesota West Veterans Service Office.

To receive reasonable accommodations for a documented disability, please contact the campus Student Services Advisor or campus Disability Coordinator as arrangements must be made in advance. In addition, students are encouraged to notify their instructor.

This document is available in alternative formats to individuals with disabilities by contacting the Student Services Advisor or by calling 800-658-2330 or via your preferred Telecommunications Relay Service.

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