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Fall 9-2004

SUR 102T.03: Surgical Procedures Laboratory I - Billings

Debbie S. Fillmore

University of Montana - Missoula, debbie.fillmore@mso.umt.edu

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**THE UNIVERSITY OF MONTANA – MISSOULA
COLLEGE OF TECHNOLOGY
SUGICAL TECHNOLOGY DEPARTMENT**

COURSE SYLLABUS – Billings Outreach

COURSE NUMBER AND TITLE: SUR 102T SURGICAL PROCEDURES LAB I

DATE REVISED: Spring 2004

SEMESTER CREDITS: 2

Contact hours per semester: 60
Laboratory hours per week: 4

PREREQUISITE COURSES: Completion of all first semester courses
and concurrent enrollment in SUR 101T.

INSTRUCTOR NAME: Pam Bilyeu RN BSN CNOR
Megan Brophy CST

Debbie Fillmore RN MEd Program Director

E-MAIL ADDRESS: Pam : blueyes@mcn.net
Megan : mmbrophy308@yahoo.com
Debbie : debbie.fillmore@mso.umt.edu

PHONE NUMBER: Pam: 967-2263
Megan: 252-1091
Debbie: 406- 243-7860

OFFICE LOCATION: Pam: St. Vincent Healthcare
Megan: St. Vincent Healthcare
Debbie: UM College of Technology Campus
Health and Business Building

OFFICE HOURS: Pam: By appointment
Megan: By appointment
Debbie Fillmore: Tuesday and Friday 2:00-4:00
and by appointment

RELATIONSHIP TO PROGRAM:

Upon completion of this course, the student will be able to correlate the knowledge and understanding of basic (entry-level) surgical technologist skills as evidenced by completion of the competency profile. The concepts learned in SUR 101T are demonstrated in SUR 102T and will provide for successful matriculation to more complex clinical situations. The student gains practical experience, not only in the campus lab, but also with limited surgical clinical rotations.

STUDENT PERFORMANCE OUTCOMES:

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

1. Identify various workplace safety issues.
2. Demonstrate and describe proper OR attire.
3. Demonstrate proper handwashing.
4. Describe elements of the physical environment of a surgical room.
5. Demonstrate proper aseptic technique.
6. Demonstrate the surgical scrub.
7. Demonstrate gowning.
8. Demonstrate open and closed gloving.
9. Identify the scrub role tasks and be able to perform those that are identified as entry-level.
10. Identify the circulator role tasks and be able to perform those that are identified as entry-level and acceptable to clinical facility standards.
11. Identify and demonstrate the handling of minor surgical instruments.
12. Identify and demonstrate the use of various surgical sponges.
13. Identify and demonstrate the use of various surgical dressings.
14. Demonstrate proper methods of performing surgical sponge, instrument and sharp counts.

STUDENT PERFORMANCE ASSESSMENT METHODS AND GRADING:

This introductory laboratory course will be graded on a **PASS/NO PASS** basis using the following criteria:

1. Completion of assigned competency “Skill Assessments”
2. Return demonstration proving proficiency of required surgical competencies will be evaluated in the following manner:

Adequate

Needs Review

Students may videotape their final performance/evaluation.

A competency that has been evaluated as “Needs Review” may be repeated one time. The repeat demonstration must be completed prior to progression to the next assigned competency or within one week of receiving the “Needs Review” rating.

All required competencies consist of varied tasks. Each task must be completed with a rating of “**Adequate**”. The student is expected to complete each competency with **100% accuracy** without prompting at the time of performance and within a timely manner. Failure to complete the competency within a reasonable time frame, without 100% accuracy or with a rating of “**Adequate**” will result in a “**NO PASS**” or failing grade. The student will not be allowed to continue with the surgical technology curriculum.

As stated in The University of Montana catalog “any single course may be attempted a maximum of two times only”. Repeated failure in a course will result in removal from the program.

ATTENDANCE POLICY:

- This is a fast paced skills lab that demands regular attendance. Attendance and participation are valued in this course. Therefore, class attendance will be taken. Prompt and regular attendance will be expected in order to meet course objectives. **Students are expected to notify the instructor(s) prior to class if unable to attend or if student will be arriving late.**
- There is no scheduled make-up session. Instructors’ discretion will determine if a student is meeting course objectives and will be dealt with on a case by case basis.
- Students may be asked to furnish a physician’s statement regarding an absence. The student is responsible for gathering any information or course materials he or she may have missed due to absence or tardiness.
- Repeated absences will result in completion of a “Student Contract”.
- **If a student should miss a required competency demonstration, the return demonstration must be scheduled out of lab time and completed within one week of the absence.**
- Chronic car problems, finances, jobs or job interviews are not valid excuses for missing class.
- Tardiness will not be tolerated. It is disruptive to fellow students. Repeated tardiness will result in completion of a “Student Contract”.
- Each case is considered by the instructor on an individual basis. It is up to the discretion of the instructor whether or not a student is meeting course objectives.
- Your course of instruction should be your highest priority.

OTHER POLICIES:

In order to gain experience and exposure to various surgical department routines, it may be necessary to have lab sessions at times other than those scheduled.

REQUIRED TEXTS:

Surgical Technology for the Surgical Technologist

Author: Carruthers, et al

Publisher: Delmar

Surgical Technology for the Surgical Technologist: Study Guide to Accompany

Author: Carruthers, et al

Publisher: Delmar

Alexander's Care of the Patient in Surgery

Author: Gruedemann

Publisher: Mosby

Introduction to Operating Room Techniques

Author: Berry/Kohn

Publisher: Mosby

AORN Standards of Care

Author: AORN

Publisher: AORN

Instrumentation for the Operating Room

Author: Brooks

Publisher: Mosby

Pathophysiology for the Health Related Professions

Author: Gould

Publisher: Saunders

Instrument Pocket Guide

Author: Wells

Publisher: Saunders

Pocket Guide to the Operating Room

Author: Goldman

Publisher: Davis

SUGGESTED REFERENCE MATERIALS:

Subscription to the Association of Surgical Technologists (AST) publication.

SUPPLIES:

Course packet material

Three-ring notebook for packet

Scrub top and pants

Protective eyewear

Comfortable shoes for surgery only (may purchase at time of entry into hospital clinical)

Nametag

Small spiral notebook/pen

SUR 102T - COURSE OUTLINE:

Content of this course corresponds to the material taught in SUR 101 Introduction to Safe Patient Care. The units are titled and divided the same. Content from units I and II is discussed entirely within the classroom setting. Therefore, the unit number, for SUR 102 Surgical Procedures Lab I, begins with “Unit III”. It is our intent to provide this consistency so that it will be less confusing to the student. We hope we succeed!

III. Physical Environment and Safety Issues

- A. Ambulatory surgery
- B. Surgical department (suite)
 - 1. Principles of layout
 - 2. Proper OR attire
 - 3. Operating room
 - 4. OR equipment
 - 5. Case cart system/custom packs
 - 6. Principles of design and layout
 - 7. Cleaning Procedures
 - 8. Traffic Patterns
- C. Care of the perioperative environment
- E. Universal/standard precautions

IV. Microbiology in the OR

- A. Sterilization
- B. Disinfection and antisepsis
- C. Operating Room Sanitation

V. Principles of Asepsis and Sterile Technique

- A. Principles of surgical asepsis
- B. Preliminary preparations
 - 1. Organize room
 - 2. Gather equipment
 - 3. Check case cart and place packs on appropriate furniture
- C. Division of duties
- D. Opening sterile supplies
- E. Surgical scrub
- F. Gowning and gloving
- G. Preparation of supplies
 - 1. Opening basic pack
 - 2. Arranging basins
 - 3. Draping mayo stand

VI. Surgical Instrumentation I

- A. Classification
 - 1. Cutting and dissecting
 - 2. Clamping and occluding
 - 3. Grasping and holding
 - 4. Retracting and exposing
- B. Care and handling
- C. Passing instruments

D. Assembling minor sets

VII. Case Preparation and Intraoperative Techniques

- A. Preparation of case
 - 1. Arranging mayo stand
 - 2. Arranging back table
- B. Sponge, sharps and instrument counts
- C. Intraoperative techniques
 - 1. Starting a procedure
 - 2. Preparing medications and passing syringes
 - 3. Receiving sterile items from circulator
 - 4. Specimen care and handling
 - 5. Breaking down a sterile field

I have read and I understand the content of the syllabus for course SUR
102 Surgical Procedures Lab I.

Student Signature _____

Date _____