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### AHST 115.01: Surgical Laboratory I

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**SUGICAL TECHNOLOGY PROGRAM**

**COURSE SYLLABUS - Missoula**

**COURSE NUMBER AND TITLE:** AHST 115 Surgical Lab I

**DATE REVISED:** Spring 2016

**SEMESTER CREDITS:** 2

**PREREQUISITE COURSES:** Acceptance into the program, with completion of the following or their equivalency :  
CAPP 120  
BIOH 201N/202N  
WRIT 121 or WRIT 101  
M 105  
AHMS 144  
PSYX 100S

**INSTRUCTOR NAME:** Debbie Fillmore ME, BSN-RN, CST  
Program Director

**E-MAIL ADDRESS:** [debbie.fillmore@mso.umt.edu](mailto:debbie.fillmore@mso.umt.edu)

**PHONE NUMBER:** 406-243-7860

**OFFICE LOCATION:** Missoula College, Administration Building, AD07

**OFFICE HOURS:** M, W 3:00-5:00 PM  
Or 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 AHST 101 are demonstrated in AHST 115 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.

## COURSE DESCRIPTION:

This course provides the student with knowledge and practical application of basic Surgical Technologist skills while incorporating concepts learned in AHST 101. Students learn and practice basic (entry-level) skills. There is major emphasis on the critical elements of the skills and procedures and the scientific rationale for performing the procedures correctly, as documented in AORN's Perioperative Standards and Recommended Practices. 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.
15. Identify and demonstrate the handling of suture materials.

## STUDENT PERFORMANCE ASSESSMENT METHODS AND GRADING:

1. Grading for this course is Credit/No-Credit. All competencies and the student's final presentation must earn **Pass** or **Satisfactory Performance**. Students must be considered safe practitioners in order to be successful in this lab course. A safe practitioner is one who is able to recognize breaks in asepsis and is able to rectify errors.
2. Throughout the semester, students will be required to demonstrate skills. A rating of **Pass** or **Satisfactory Performance** at the time of completion of each assigned **Competency Assessment** is required. Inability to perform the skill will result in a rating of **Fail** or **Unsatisfactory**.
3. **In order to be successful Surgical Technology students, practicing technical skills outside of scheduled lab times is expected. Make sure you allow efficient practice times when arranging your class/work/personal schedules for the semester.**

4. During the semester, a competency that has been evaluated as Unsatisfactory 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 unsatisfactory rating. Each skill must be passed with a Pass or Satisfactory rating in order to progress in the course.
5. In addition to the individual skill assessments, each student will be evaluated with a final skills evaluation. This will enable the student to put learned skills together for a final presentation. The student will be expected to perform the required skills in a timely manner\*, with good aseptic technique and demonstration of surgical conscience. The evaluation may be recorded or live.
6. If a student is unable to perform the required final skills in a **timely manner\*, with good aseptic technique and demonstration of surgical conscience** (all skills passed with a **Pass** or **Satisfactory** rating), he/she will receive a final grade of not passing (No Credit). Failure will be determined if the student is unable to perform the basic (entry level) skills required of those entering the operating room.
7. The student will be able to repeat the entire final presentation one time.
8. If a student is not successful after a repeat demonstration, he/she will not be allowed to progress in the program. Because sterile technique is the basis for a successful Surgical Technology career, failure in the course will also prevent the student from re-applying for program admission.
9. It is up to instructor discretion and AORN standards and recommend practices whether or not a student is considered to be a safe practitioner.

#### **ATTENDANCE POLICY:**

- This course requires practice outside of assigned lab class time.
- It is expected cell phones and all electronic devices will be off during class time.
- 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 (243-7860) prior to class if unable to attend or if student will be arriving late.**
- 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 or disruptive behavior will result in completion of a "Student Contract". Points may be deducted from a student's final evaluation for each absence or each episode of disruption.

- If a student should miss a required competency demonstration (skill check), the return demonstration must be scheduled out of lab time and completed prior to the student's next scheduled lab session.

**If the instructor has not been notified prior to the absence, the instructor may allow no make-up to be administered.**

- 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". Points may be deducted from a student's final evaluation for each tardy attendance.
- 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. The student will be provided advance notice in such cases.

**Please note:** If a student fails a course, other than the lab, while in the program, he/she will be unable to progress through the surgical technology curriculum. There is a strong relationship between good sterile procedure skills and quality, safe patient care. **Therefore, if a student gets out of program sequence for any reason, he/she must re-apply, and if admitted, repeat the lab skills courses (AHST 115 and, if applicable, 215) prior to continuation in the program.** This will ensure the student possesses the skill level required for safe patient care when entering the clinical (hospital) component of the curriculum. **If the student fails a lab skills course, he/she will not be able to reapply.**

#### **DISABILITY ACCOMODATION**

As I teach, I try to be aware of the special needs of individuals as well as the needs of the group. Students with disabilities will receive reasonable accommodations in this course. To request course modifications, please contact me as soon as possible. I will work with you and Disability Services in the accommodation process. For more information, visit the Disability Services website at <http://www.umat.edu/dss/> or call 406-243-2243.

## ACADEMIC INTEGRITY

**Students must practice academic honesty.** Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by the University. Academic misconduct is defined as all forms of academic dishonesty, including but not limited to:

1. Plagiarism
2. Misconduct during an examination or academic exercise
3. Unauthorized possession of examination or other course materials
4. Tampering with course materials
5. Submitting false information
6. Submitted work previously presented in another course
7. Improperly influencing conduct
8. Substituting, or arranging substitution, for another student during an examination or other academic exercise.
9. Facilitating academic dishonesty
10. Altering transcripts, grades, examinations or other academically related documents

### *The University of Montana-Missoula Student Conduct Code*

All students need to be familiar with the Student Conduct Code for The University of Montana. The Code is available for review online at: [http://www.umt.edu/vpsa/policies/student\\_conduct.php](http://www.umt.edu/vpsa/policies/student_conduct.php)

***Students will be required to have a criminal background check, possibly a drug screen, and an OIG review (Office of Inspector General). Healthcare agencies that are utilized for clinical and/or internship experiences may require this evaluation. Students with positive checks and/or screenings will be denied clinical experience in the healthcare agency. If a student is denied agency access, there will be no placement at an alternate site, and the subsequent inability of the student to complete their clinical education will result in their inability to continue in the Surgical Technology program.***

## RECORDING OF CLASSES:

Lecture recording is not allowed without prior consent of the instructor. In blended classes or distance learning classes, recorded lectures are not allowed to be re-broadcast in any way (social media included) or any material discussed, in face to face classes or in on-line discussion groups, because of their confidential nature. If a student breaks this policy, it will be considered academic misconduct.

## CLINICAL AREAS:

If a student is removed from a clinical site at the site's request, the program is not responsible for finding additional facilities for the student. This may be due to student behavior, background check information or any reason the site chooses.

**No student is allowed in the clinical area (entering using student badge) without instructor approval. Students attempting to enter the secured area any time, other than assigned times, will be removed from the program.**

## **REQUIRED TEXTS:**

### Operating Room Skills: Fundamentals for the Surgical Technologist

Author: Dankonich

Publisher: Pearson

### Surgical Technology Principles and Practice

Author: Fuller

Publisher: Elsevier

### Workbook to accompany Surgical Technology Principles and Practice

Author: Fuller

Publisher: Elsevier

### Surgical Technology for the Surgical Technologist

Author: AST

Publisher: Delmar/Cengage

### Alexander's Surgical Procedures

Author: Rothrock/Alexander

Publisher: Mosby

### Pocket Guide to the Operating Room

Author: Goldman

Publisher: Davis

### Instrument Pocket Guide

Author: Wells

Publisher: Saunders

### Pathology for Health-Related Professions

Author: Damjanov

Publisher: Elsevier

### Differentiating Surgical Instruments

Author: Rutherford

Publisher: Davis

### Differentiating Surgical Equipment and Supplies

Author: Rutherford

Publisher: Davis

### Pharmacology for the Surgical Technologist

Author: Snyder

Publisher: Saunders

**OPTIONAL TEXTS:****Surgical Mayo Setups**

Author: Allhoff

Publisher: Delmar

Anatomy text of choice

Medical Dictionary

**OTHER COURSE MATERIALS:**

Folder for skill evaluation sheets (provided)

Small notebook for note taking (provided)

Access to a computer to download course materials.

**SUPPLIES/Misc:**

Scrub top and pants

Protective eyewear

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

Nametag/Hospital Badge

Program Health Requirements (immunizations, BLS record, background check, etc)

**AHST 115 - COURSE OUTLINE:**

Content of this course corresponds to the material taught in AHST 101 Introduction to Surgical Technology. Some content is discussed entirely within the classroom setting. It is the intent to provide the background information in AHST 101 and perform various corresponding tasks in the AHST 115.

1. Introduction to Surgical Technology
2. The Physical Environment and Safety Standards
3. Preventing Perioperative Disease Transmission
4. Surgical Case Management: Preoperative
5. Surgical Instrumentation, Equipment and Supplies
6. Surgical Case Management: Intraoperative and Postoperative

**\*"Timely manner" is defined as the amount of time expected of an entry-level practitioner in the operating room.**



I have read and understand the content of the syllabus for course AHST 115 Surgical Lab I. I have had an opportunity to ask questions and they have been answered to my satisfaction.

I give my permission to be photographed and video-recorded for class use and for the final skills exam. No photos/videos will be placed on social media sites without verbal approval from student and/or instructor.

Student Signature\_\_\_\_\_

Date\_\_\_\_\_