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Fall 9-1-2018

### AHST 215.01: Surgical Lab II

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**Missoula College UM**  
**Surgical Technology Department**  
**Course Syllabus**

**Course Number and Title:** AHST 215 Surgical Lab II

**Date Revised:** Fall 2018

**Semester Credits:** 2

Contact hours per half semester: 60

Laboratory hours per week: 8

**Prerequisite Courses:** Completion of all first year courses and concurrent enrollment in AHST 200 and AHST 201.

**Instructors:**

Jill Davis CSFA CST BA  
Program Director  
Office phone: 243-7876  
Email: [jill.davis@mso.umt.edu](mailto:jill.davis@mso.umt.edu)

Katie Geiger CSFA CST BA  
Clinical Coordinator  
Office phone: 243-7860  
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Billings Site Instructor: Wendy Franks  
Butte Site Instructor: Megan Arntson

**Office Hours:** Jill Davis: By appointment  
Katie Geiger: By appointment

**Relationship to Program:**

Upon completion of this course, the student will be able to correlate the knowledge and understanding of more advanced surgical technologist skills as evidenced by completion of the competency profile. Skills previously learned in the AHST 115 Surgical Lab I must be successfully demonstrated by the date scheduled in order to complete this course. Students will have two opportunities to successfully demonstrate AHST 115 skills. The concepts learned in AHST 115 are demonstrated in AHST 215 and will provide for successful matriculation to more complex clinical situations. The student will gain practical experience, not only in the campus lab, but in the central processing department and surgery department of a local hospital.

## Student Performance Outcomes:

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

1. Continue to satisfactorily perform the skills demonstrated in AHST 115 Surgical Lab I, including opening sterile packages, scrubbing, gowning, gloving and an efficient set-up of a back table and mayo stand
2. Demonstrate proper aseptic technique.
3. Gain knowledge of patient transporting by accompanying (during the CPD-H rotation) a Health Care Assistant (HCA) who transports patients.
4. Identify and demonstrate various patient surgical positions.
5. Successfully demonstrate a surgical skin preps.
6. Successfully demonstrate urinary catheterization.
7. Successfully describe and demonstrate various draping techniques.
8. Successfully demonstrate safe handling of surgical sutures and sharps.
9. Successfully demonstrate safe and proper handling of basic instrumentation.
10. Identify and demonstrate the use and counting of various surgical sponges and instruments.
11. Identify and demonstrate the use of various surgical dressings.
12. Demonstrate the proper techniques for obtaining patient vital signs.
13. Perform all required skills in a safe and aseptic manner considering optimal patient care as the first priority.
14. Meet objectives specific to the Central Processing Department rotation.

## Student Performance Assessment Methods and Grading:

This laboratory course will be graded on a **PASS/NO PASS** basis. The student will be evaluated using the following method:

1. Satisfactory completion of all assigned competencies of "Skill Assessments" with return demonstration proving proficiency of required competencies which will be evaluated in the following manner:

<b>Adequate</b>	<b>Needs Review</b>
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2. There will be a demonstration of required competencies for the final grade in this course. These required competencies are:
  - a. Gloving Oneself –Open Gloving Technique
  - b. Proper Removal of Soiled Gloves
  - c. Urinary Catheterization of a Female Patient
  - d. Surgical Skin Prep for a Laparotomy
  - e. Draping for an Abdominal Incision
  - f. Proper Handling and Passing of Sutures, Needles, Sharps and Instruments
  - g. Proper Opening of Sterile Packages, Scrubbing, Gowning, Gloving, and proficient Set-up of Back Table and Mayo Stand
3. There is a required return demonstration of skills learned in the spring AHST 115 Surgical Lab I. Students must successfully pass all phases of this evaluation to continue in this course to the required skills in #2 above. There will be one chance to demonstrate any skills that "Need Review".

4. Each competency listed in #2 above must receive a rating score equal to a “C” or better in order to receive a passing grade in this course.
5. All other skills must be completed with a rating of “Adequate”. Each competency will be performed in an amount of time that is reasonable for an actual patient care setting.
6. A competency that has been evaluated as “Needs Review” or with a score less than equal to a “C” may be repeated only one time to receive a Passing Grade. The repeat demonstration must be completed prior to progression to the next assigned competency or within one week of receiving the “Needs Review” rating.
7. The student must satisfactorily complete all required competencies and those listed for the Final Grade must each receive a score equal to a “C” or better in order to receive a **PASS** grade. If a student fails to satisfactorily complete the required skills, AHST 115 & AHST 215 will have to be repeated.
8. You will be expected to maintain our lab space. Leaving it exactly how you found it will only help your fellow classmates.

### **Attendance Policy:**

This is a fast paced skills lab that demands regular attendance. Therefore, lab and CPD attendance will be taken. There are no scheduled make-up sessions. The instructor’s discretion will determine if a student is meeting course objectives and will be dealt with on a case by case basis.

The program encourages *no* absences. After one absence, a “Student Contract” will be implemented. Following three absences, if extenuating or mitigating circumstances cannot be shown the student will be dropped from the course.

Chronic car problems, finances, jobs or job interviews are not valid excuses for missing assigned lab sessions.

Tardiness will not be tolerated. It is disruptive to other students and not acceptable in the clinical setting. Repeated tardiness will result in implementation of a “Student Contract” and may result in failure of the course.

Students are expected to notify the instructor ***prior*** to the scheduled time if unable to attend or if the student will be arriving late. If attendance is expected in CPD or Surgery, the student will be expected to notify them as well.

**If a student should miss a required competency demonstration, the return demonstration must be re-scheduled with an instructor and completed within one week of the absence.**

It is up to the discretion of the instructor to evaluate each student’s ability to meet 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 clinical sessions at times other than those scheduled for the course.

Eligible students with disabilities will receive appropriate accommodations in this course when requested in a timely manner. Please make an appointment to speak with your instructor. Please be prepared to provide a letter from you DSS Coordinator.

**All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or disciplinary sanction by the University. All students need to be familiar with the Student Conduct Code. The code is available for review online at <http://www.umt.edu/sa/vpsa/index.cfm/page/1321>**

### **Required Texts:**

#### Pocket Guide to the Operating Room

Author: Goldman  
Publisher: F.A. Davis

#### Surgical Technology for the Surgical Technologist

Author: AST  
Publisher: Delmar

#### Surgical Technology Principles and Practice – 7<sup>th</sup> ed

Author: Fuller  
Publisher: Elsevier

#### Surgical Technology Principles and Practice Workbook

Author: Fuller  
Publisher: Elsevier

### **Suggested Reference Materials:**

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

### **Supplies:**

Three ring notebook for course materials  
Scrub top and pants  
Protective eyewear  
Comfortable shoes for surgery only  
Name Tag/Hospital ID Badge  
Small spiral notebook/pen

## **Course Outline:**

The content of this course corresponds to the material taught in ST 200, Operating Room Techniques. This lab provides the hands-on environment for the learner to increase his/her level of understanding in order to become a safe practitioner. Most lab sessions will include practice time for instrument and suture passing, as well as review and practice for skills learned in Surgical Lab I. Students desiring more practice may use the lab facilities on Wednesday and Thursday afternoons, or Friday by appointment.

1. Care of the Surgical Patient in the Preoperative Period
  - a. Patient physical preparation
  - b. Patient checklist
  - c. Patient identification
  - d. Transportation
  - e. Review of chart
  - f. Patient Transfer
  - g. Discharge planning
  - h. Documentation
2. Preoperative Patient Care Concepts
  - a. Patient positioning
  - b. Homeostasis
    - i. Vital signs
    - ii. Hemodynamics
    - iii. Monitoring
    - iv. Thermoregulatory devices
  - c. Documentation
3. Preoperative Patient Care Concepts
  - a. Urinary catheterization
  - b. Catheters and drains
  - c. Patient positioning
  - d. Surgical Skin Prep
  - e. Draping
  - f. Sutures
4. Intraoperative Patient Care Concepts
  - a. Medication and solution labeling
  - b. Syringe handling
  - c. Instrument handling, sharps handling
  - d. Counts
  - e. Surgical dressings
5. Intraoperative Patient Care Concepts
  - a. Hemostasis
  - b. Tissue Approximation
    - i. Sutures-identification and handling
    - ii. Staples

6. Postoperative Patient Care Concepts/Special Issues
  - a. Specimen care
  - b. PACU
  - c. Postoperative care management

Students must have completed ALL required vaccinations, CPR, and health verification requirements before being admitted into the scheduled clinical site. Failure to have everything completed by the first day of class will result in an unexcused absence, and may result in dismissal from the program.

**The University of Montana-Missoula  
College of Technology  
AHST 215 Surgical Lab II**

**Syllabus Acknowledgement**

I have read and understand the contents of the AHST 215 Surgical Lab II Syllabus.

I am familiar with the contents of the Student Conduct Code and agree to abide by them.

I have had the opportunity to ask questions for clarification and understand my responsibilities as a surgical technology student in this course.

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

Date: \_\_\_\_\_

This form must be signed and returned to Jill Davis, instructor, no later than Tuesday, September 4, 2018.