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### AHST 202.50: Surgical Procedures II

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**Missoula College UM**

**SURGICAL TECHNOLOGY DEPARTMENT**

**COURSE SYLLABUS**

**COURSE NUMBER AND TITLE:** AHST 202 Surgical Procedures II  
Butte, Billings

**DATE REVISED:** Spring 2016

**SEMESTER CREDITS:** 5

**CONTACT HOURS PER SEMESTER:** Online

**PREREQUISITE COURSES:** All Surgical Technology first, second and third semester courses must be completed prior to AHST 202. Please refer to the University of Montana Catalog for further information.

**INSTRUCTOR:** Linda Strelnik CST/CFA, BS  
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**OFFICE HOURS:** Monday and Tuesday by appointment  
**MAILING ADDRESS:** Missoula College UM  
909 South Avenue West  
Missoula, MT 59801

**RELATIONSHIP TO PROGRAM:**

Upon completion of this course, the student will be able to correlate the knowledge and understanding necessary for patient care during the various phases of more complex major surgical procedures.

## **COURSE DESCRIPTION:**

This course is a study of major surgical procedures, following the patient through the pre-operative, intra-operative, and post-operative stages of surgery.

## **STUDENT PERFORMANCE OUTCOMES:**

Upon completion of AHST 202, the student should be able to:

1. Describe major surgical procedures in relationship to the total physiological, pathological and anatomical aspects of surgical intervention.
2. Correlate the knowledge and understanding of surgical specialties through the presentation of the following categories that relate to specific surgical procedures.
  - a. Typical patient history
  - b. Significant findings on physical assessment
  - c. Diagnostic studies
  - d. Probable hospital course
  - e. Preparation for surgery, including pre-medication
  - f. Pathology/Specimen
  - g. General surgical rationale/scheme to include:
    - i. Pre-op diagnosis
    - ii. Incision site
    - iii. Surgical prep
    - iv. Drapes
    - v. Patient position
    - vi. Anesthesia
    - vii. Instrumentation
    - viii. Sutures and needles
    - ix. Intra-operative medications
    - x. Packs and supplies necessary
    - xi. Drains
    - xii. Dressings
  - h. Step by step surgical progression
    - i. Potential surgical hazards and complications
    - j. Early post-operative management

## METHODS OF INSTRUCTION:

1. Guest lecture
2. Online Power Point Presentations
3. Workbook use from *Surgical Technology Principles and Practice*
4. Group discussions
5. Audio-visual materials
6. Selected reference reading and research
7. Take-home assignments

## STUDENT PERFORMANCE OUTCOME ASSESSMENT METHODS AND GRADING PROCEDURES:

1. Unit Exams	60%
2. Unit Assignments	5%
4. Research Paper	5%
5. Professionalism Grade	5%
6. Final Exam	25%
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Total:	100%

A Grade =93-100%

B Grade =86-92%

C Grade =80-85%

Any final grade under 80% will result in failure of the course.

## ATTENDANCE POLICY:

Attendance is mandatory for exam time and any other meetings that are arranged with the clinical instructor. Prompt and regular attendance will be expected in order to meet student outcomes. **Students are required to notify the instructor prior to scheduled time if unable to attend.** Unit tests will be proctored by your clinical instructor.

Only an emergency situation will be acceptable for missing an exam. Under discretion of the instructor, a written excuse may be required for missing an exam. A make-up exam will have to be arranged with your clinical instructor. It must be taken the first day that you are able to be back. No make-up exams will be given after 5 days, and a 0% will be awarded for that exam.

## **OTHER POLICIES:**

Students are expected to conduct themselves in a mature, professional manner at all times.

All assignments are expected to be turned in on time. Assignments turned in late will receive a penalty on the Professionalism Grade. Other penalty is under the discretion of the instructor. Written work must be neat, legible, well organized, complete, and preferably typed.

Your course of instruction should be your highest priority.

Qualified students with disabilities will receive accommodations in this course if possible. Please speak to the instructor, and be prepared to provide a letter from your 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.umd.edu/SA/VPSA/index.cfm/page/1321>.*

## **REQUIRED TEXTBOOKS:**

*Surgical Technology Principles and Practice*

Author: Fuller

*Surgical Technology Principles and Practice Workbook*

Author: Fuller

*Alexander's Surgical Procedures*

Author: Rothrock/Alexander

*Surgical Technology for the Surgical Technologist*

AST/Delmar

*Instrumentation in the OR*

Author: Brooks

*Pathology for the Health Related Professions-4<sup>th</sup> Edition*

Author: Damjanov

*Pocket Guide in the Operating Room*

Author: Goldman

*Surgical Instruments: A Pocket Guide*

Author: Wells and Bradley

### **SUGGESTED REFERENCE MATERIALS:**

Subscription to the Association of Surgical Technologists (AST) Publication

Anatomy & Physiology Textbook

**SUPPLIES:** Three ring notebook

### **COURSE OUTLINE:**

Unit I        Peripheral Vascular

Unit II       Cardiothoracic

Unit III      Genitourinary

Unit IV      Ophthalmic

Unit V       Neurologic

Unit VI       Plastic, Reconstructive, Oral and Maxillofacial

Online students are encouraged to keep the communication with their instructor very open. Please call or e-mail anytime with concerns, questions, or comments. Remember that the Workbook assignments are meant to “assist” you in preparing for the test. Use the Workbook and take home assignments as study tools, as well as the assigned reading and Test Reviews

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SYLLABUS ACKNOWLEDGEMENT  
AHST 202  
SURGICAL PROCEDURES II

I have read and understand the entire contents of the syllabus for AHST 202 Surgical Procedures II.

I am familiar with the content of the Student Conduct Code and agree to abide by it.

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

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

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

This form must be returned electronically to Linda Strelnik no later than January 25, 2016.