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AHST 202.01: Surgical Procedures II

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**Missoula College UM
SURGICAL TECHNOLOGY DEPARTMENT**

COURSE SYLLABUS

COURSE NUMBER AND TITLE: AHST 202 Surgical Procedures II

DATE REVISED: Spring 2016

SEMESTER CREDITS: 5

CONTACT HOURS PER SEMESTER: 90
Lecture hours per week: 10

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
Erika Klika, CST, BS

E-MAIL ADDRESS: linda.strelnik@mso.umt.edu
erika.klika@mso.umt.edu

PHONE NUMBER: 406 243-7876

OFFICE LOCATION: Missoula College AD 07
909 South Ave. West, Missoula, MT

OFFICE HOURS: Monday and Tuesday by appointment

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. Classroom lecture
2. Computer presentations
3. Workbook use from *Surgical Technology Principles and Practice*
4. Group discussions
5. Guest & Student Presentations
6. Audio-visual materials
7. Selected reference reading and research
8. Take-home assignments

STUDENT PERFORMANCE OUTCOME ASSESSMENT METHODS AND GRADING PROCEDURES:

| | |
|--------------------------|------|
| 1. Unit Exams | 60% |
| 2. Unit Assignments | 5% |
| 4. Professionalism Grade | 5% |
| 5. Research Paper | 5% |
| 6. Final Exam | 25% |
| <hr/> | |
| 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 and participation are valued in this course, therefore class attendance is mandatory and attendance will be taken. Prompt and regular attendance will be expected in order to meet student outcomes. **Students are required to notify the instructor prior to class time if unable to attend.** Each class missed will result in a 1% off of the student's final grade, per instructor's discretion as well as a deduction from the Professionalism Grade. This can affect the final grade received in the course. Students are responsible for any missed material. Please contact your instructor if there are any circumstances that inhibit your ability to meet attendance requirements.

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. Missed exams are to be made up the first day back in class at the ASC Center at the Missoula College campus. It is the student's responsibility to schedule the time to take the exam.

OTHER POLICIES:

Students are expected to come to class prepared by having completed the reading assignment prior to class and participating in class discussions. Students are expected to conduct themselves in a mature, professional manner at all times.

All assignments are expected to be turned in on time, on the date they are due. Assignments turned in late will receive a penalty on the Professionalism Grade. The penalty is under the discretion of the instructor. Written work must be neat, legible, well organized, complete, and preferably typed. Moodle assignments are due prior to taking each unit exam.

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>.

Students who plagiarize materials or cheat in any manner in this course will fail the course.

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.

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 4th 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, Maxillofacial

Additional topics to be presented:

1. Bariatric, major general surgeries
2. Writing a resume
3. Tissue Procurement
4. Trauma

CLASS SCHEDULE:

Spring Semester 2016: First Half

| | Monday | Tuesday | Wednesday | Thursday | Friday |
|-----------|---------------|----------------|-------------------------|-------------------------|-------------------------|
| 0810-0900 | AHST 202 | AHST 202 | AHST 251 Clinical | AHST 251 Clinical | AHST 251 Clinical |
| 0900-1000 | AHST 202 | AHST 202 | | | |
| 1000-1100 | AHST 202 | AHST 202 | 8 hours as scheduled | 8 hours as scheduled | 8 hours as scheduled |
| 1100-1200 | AHST 202 | AHST 202 | | | |
| 1200-1300 | AHST 202 | AHST 202 | | | |

AHST 202 meets Monday & Tuesday from 0810-1300.

AHST 251 is the advanced clinical component of the curriculum. It consists of varying eight hour shifts on Wednesday, Thursday, and Friday in local health care facilities. Please refer to the AHST 251 Syllabus & clinical schedule for specific times for that course.

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 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.

Signature: _____ Print name: _____

Date: _____

This form must be returned to Erika Klika no later than January 26, 2016.