AHST 202.01S: Surgical Procedures II

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COURSE SYLLABUS: AHST 202 -- SURGICAL PROCEDURES II

Course Information:
- Credits: 5
- Term: Spring 2024
- Prerequisites: Successful completion of all first semester AHST courses.

Instructor Information:
Instructor: Jill Davis, CSFA/CST, BS
Office: Room 318, Missoula College – River Campus
Email: jill.davis@mso.umt.edu
Phone: 406-243-7876 (Office)
        406-253-4377 (Cell)
Office Hours: By appointment – please arrange as needed.

Relationship to Program:
Upon completion of this course, the student will be able to correlate the knowledge and understanding of necessary information in regards to major surgical procedural steps, with a review of anatomy, in order to provide the best perioperative care for the patient during the various phases of complex surgical procedures.

In addition, students will be introduced to basic career readiness concepts and components meant to prepare the student for their upcoming internship and post-graduation job.

Course Description:
A study of major surgical procedures, following the patient through the preoperative, intraoperative and postoperative phases of surgery.

Course Outline

<table>
<thead>
<tr>
<th>Unit</th>
<th>Topic or Specialty to be Covered</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Introduction to Course and General Protocols</td>
</tr>
<tr>
<td>I</td>
<td>Peripheral Vascular Surgical Procedures</td>
</tr>
<tr>
<td>II</td>
<td>Cardiothoracic Surgical Procedures</td>
</tr>
<tr>
<td>III</td>
<td>Genitourinary Surgical Procedures</td>
</tr>
<tr>
<td>IV</td>
<td>Ophthalmic Surgical Procedures</td>
</tr>
<tr>
<td>V</td>
<td>Neurologic Surgical Procedures</td>
</tr>
<tr>
<td>VI</td>
<td>Plastic, Reconstructive, Oral and Maxillofacial Surgical Procedures</td>
</tr>
<tr>
<td>VII</td>
<td>Career Readiness</td>
</tr>
</tbody>
</table>
**Student Performance Outcomes:**

Upon completion of this course, the learner should be able to:

1. Describe surgical procedures in relationship to the total physiological aspects of the surgical experience.
2. Correlate the knowledge and understanding of surgical specialties through the presentation of the following categories that relate to specific minor surgical procedures:
   a. Typical patient history
   b. Significant findings on physical assessment
   c. Diagnostic studies
   d. Probable hospital course
   e. Preparation for surgery
   f. Pathology and/or specimen
   g. General surgical rationale/scheme to include:
      1. Pre-op diagnosis
      2. Patient position
      3. Anesthesia
      4. Prep
      5. Drapes
      6. Incision site
      7. Instrumentation
      8. Suture and needles
      9. Intra-operative medications
     10. Packs and supplies
     11. Equipment
     12. Drains
     13. Dressing
   h. Step-by-step surgical progression
   i. Potential Surgical hazards and complications
   j. Early post-operative management
3. Incorporate several Career Readiness Concepts including but not limited to:
   a. Employer Expectations
      1. Work ethic, attitude and effort
      2. Technical skills and competency
   b. Networking & Self Presentation
   c. Employer Communication (Oral and Written)

**Methods of Instruction**

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

Assessment Methods & Grading Policies and Procedures
Student grades are determined after careful judgment of each assignment against a set of criteria, as indicated for each unit. All exams will be administered online via Moodle except the final exam, which will be proctored and completed in person. Instructor discretion will determine if the student is meeting course and program objectives.

Grading Category Weights
- Unit Exams 50%
- Attendance & Discussion Forums 10%
- Assignments & Quizzes 15%
- Research Project 15%
- Final Exam 10%

- Any assignments will be due on the date indicated in its posting. Late assignments will be accepted for partial credit (50%) only.
- Discussion Forums are required. Each discussions will be posted within each unit’s Advanced Forum. You will be expected to respond to each unit’s posted discussion by Sunday 2359 MST prior to the unit exam. Your response must include cited sources from the required reading when appropriate. In addition to your original thread response, you must also reply to 2 fellow student’s responses. Your replies must be insightful and include sources when necessary. No late responses will be accepted!

Scoring: For each class students will receive one of the following scores for their participation:
- 3 points for thorough contributions that stimulate discussion including interacting with other students in the group, citing references to support your answer, and substantive information is included.
- 1 point for contributing only in a cursory manner
- 0 points for not participating

- Written assignments will be double-spaced and typed and submitted through our online platform, Moodle. Note that written assignments include careful evaluation of the quality of writing. Please edit prior to submission.
- Any final grade determination of less than an 80% will result in failure of the course. A Surgical Technology student must pass all required AHST courses with an 80% or they will not be allowed to continue and will need to re-apply for admission to the program. In addition, the student will also be required to repeat Surgical Procedures Labs I and II if re-admitted. Please note that any single course may be attempted a maximum of two times only.
Grading Scale

<table>
<thead>
<tr>
<th>Grade</th>
<th>Grading Scale by Percentages</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>93-100 %</td>
</tr>
<tr>
<td>B</td>
<td>86-92 %</td>
</tr>
<tr>
<td>C</td>
<td>80-85 %</td>
</tr>
</tbody>
</table>

Attendance Policy:
Attendance and participation are valued in this course. Therefore, an online presence will be noted. Prompt and regular attendance will be expected.

- Unit tests will administered online through the Moodle platform. If a student misses an exam, the make-up test will have to be rescheduled with the course instructor in a timely manner. **No exams may be taken early.**
- 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.
- Students are expected to conduct themselves in a professional and mature manner at all times.
- Students are expected to be prepared for any online conferencing by having completed assigned reading materials and/or any assignments ahead of time.

Instructional Notes:
- Students will engage in class discussions via online forums, small group cooperative learning activities and student presentations. Other teaching techniques to be utilized include the use of computer and video applications, online guest presentations, and web conferences.
- 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.
- Students are responsible for the material in the assigned workbook page(s) and may be tested on that material.
- If you have questions or concerns as an individual or as a group, I encourage you to discuss it with me. Open communication will assist all of us in making this a successful venture for you. If you have questions regarding the course content or assignments please contact me.

Academic Integrity
All 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. Please refer to the linked [Interim Student Code of Conduct](#) for a more comprehensive list and understanding of what constitutes a conduct violation.
ACADEMIC FREEDOM
The University of Montana has had a long tradition of, and a deep commitment to, academic freedom. The welfare and strength of the University and of society at large depends upon the free search for truth and its free expression. To this end the University of Montana shall recognize and protect full freedom of inquiry, research, discussion, study, publication, and, for artists, the creation and exhibition of works of art, without hindrance, restriction, equivocation, and/or reprisal. This right extends to other facets of campus life to include the right of students to speak on general educational questions or about the administration and operation of the University of Montana and Montana University System.

ACADEMIC RESPONSIBILITIES
The concept of academic freedom must be accompanied by an equally demanding concept of academic responsibility. Students are responsible to abide by and fulfill the Academic Policies and Procedures, Degree/Certificate Requirements for Graduation, and General Education Requirements published in the University of Montana Catalog.

ACADEMIC MISCONDUCT
Academic misconduct is subject to Academic sanction (or penalties) by the course instructor and/or University Sanction(s) by the University through the Provost and Vice Provost for Academic Affairs. Academic misconduct is defined as all forms of academic dishonesty, including but not limited to:

1. **Plagiarism:** Representing words, ideas, data, or materials of another person as one’s own, the student’s own previous work as if it were the student’s own original work, or content derived directly from a generative artificial intelligence tool as if it were the student’s own original work.
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

Exams are the property of the program. Any attempt to copy exam content in any manner will result in a violation of the Student Conduct Code.

For any Academic Dishonesty Occurrence, the student(s) involved will be subject to dismissal from the Surgical Technology Program.
**Disability Accommodations:**
The University of Montana assures equal access to instruction through collaboration between students with disabilities, instructors, and Disability Services for Students. If you think you may have a disability adversely affecting your academic performance, and you have not already registered with Disability Services, please contact Disability Services. If students elect to use approved academic adjustments, they must provide in advance formal notification from Disability Services to me. I will work with you and Disability Services to provide an appropriate modification.

**Catalog Information**
It is a student’s responsibility to read and understand the content included in the University Catalog Surgical Technology page.

**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 – 6th ed**
  Author: Fuller
  Publisher: Elsevier

- **Surgical Technology Principles and Practice Workbook**
  Author: Fuller
  Publisher: Elsevier

**Other Required Course Material:**
- Access to a personal laptop
- Anatomy text of choice
- Medical Dictionary of choice

**Note:** As the instructor I reserve the right to modify syllabi and assignments as needed based on faculty, student, and/or environmental circumstances.