Moberly Area Community College  
Surgical Procedures SRG210  
Current Term

| Instructor: |  |
| Office number: |  |
| Office hours: |  |
| Contact information: |  |
| Classroom number: |  |
| Class days and time: |  |

Catalog Description: SRG 210: Surgical Procedures (10-0-10)
This course is designed to acquaint the learner in detail to each of the surgical specialties and the basic surgical procedures that are performed.

Total Credit Hours: 10  
Total Clock Hours: 160

Prerequisite/Co-requisite:  
Prerequisites: SRG120 Clinical I  
Co-requisites: SRG220 Clinical II

Text(s):  
Surgical Technology Principles and Practice, 8th Edition, Author: Joanna Kotcher Fuller  

Workbook to Surgical Technology Principles and Practice, 8th Edition, Author: Joanna Kotcher Fuller  

Other Required Materials:  
Course syllabus, schedule and power points will be posted on Canvas prior to lecture.

Purpose of Course:  
This course breaks down surgical procedures by specialty. Through classroom instruction, students are taught techniques and procedures specific to each surgical specialty. Students are also taught what the surgical technologist’s roles and responsibilities are within each. Concepts include general surgery, gynecologic surgery, genitourinary surgery, ophthalmic surgery, ENT surgery, oral/maxillofacial surgery, orthopedic surgery, plastic surgery, neurological surgery, cardiothoracic surgery, vascular surgery, pediatric surgery, and trauma/emergency surgery. Scientific concepts such as sterilization and anatomy/physiology will be reviewed. Students will learn how to maintain a safe operating environment within any type of procedure.

Course Objectives:  
Upon successful completion of this course, students will be able to:

1. Understand relevant anatomy for each surgical specialty and their procedures
2. Describe preoperative diagnostic procedures and tests specific to each surgical specialty
3. Identify and describe pathology that prompts surgical intervention procedures specific to each body system
4. Identify and define body system specific medical and surgical terminology
5. Describe body system and surgical procedure specific pharmacology and types of anesthesia
6. Understand special pre, intra and post-operative preparation procedures (ie: soak or flash sterilization)
7. Identify, classify and name procedure specific instrumentation
8. Identify and describe the uses of procedure specific supplies and equipment
9. Describe and perform the various prepping and draping techniques used for various surgical procedures
10. Identify and describe surgical procedure specific patient positioning and positioning devices
11. Describe and understand in detail, body system specific surgical procedures
12. Discuss the desired outcome of surgical procedures specific to each body system

Course Content:

Unit 1: General Surgery
Reading Assignment:
Surgical Technology P&P: Chapter 22

Unit 2: Gynecological and Obstetric Surgery
Reading Assignment:
Surgical Technology P&P: Chapter 23

Unit 3: Genitourinary Surgery
Reading Assignment:
Surgical Technology P&P: Chapter 24

Unit 4: Ophthalmic Surgery
Reading Assignment:
Surgical Technology P&P: Chapter 25

Unit 5: ENT Surgery
Reading Assignment:
Surgical Technology P&P: Chapter 26

Unit 6: Oral and Maxillofacial Surgery
Reading Assignment:
Surgical Technology P&P: Chapter 27

Unit 7: Plastic and Reconstructive Surgery
Reading Assignment:
Surgical Technology P&P: Chapter 28

Unit 8: Orthopedic Surgery
Reading Assignment:
Surgical Technology P&P: Chapter 29
Unit 9: Vascular Surgery
Reading Assignment: 
Surgical Technology P&P: Chapter 30

Unit 10: Thoracic and Pulmonary Surgery
Reading Assignment: 
Surgical Technology P&P: Chapter 31

Unit 11: Cardiac Surgery
Reading Assignment: 
Surgical Technology P&P: Chapter 32

Unit 12: Neurosurgery
Reading Assignment: 
Surgical Technology P&P: Chapter 34

Unit 13: Pediatric Surgery
Reading Assignment: 
Surgical Technology P&P: Chapter 33

Unit 14: Emergency Trauma Surgery
Reading Assignment: 
Surgical Technology P&P: Chapter 35

Connection with Health Sciences Division (HSD) Outcome Statement:

In compliance with MACC’s HSD outcomes, the student who successfully completes this course will be able to:

Outcome II:
Students will demonstrate an understanding of discipline-related math and scientific principles.

- Students will review anatomy and physiology as it relates to surgical procedures.
  Students will recognize diagnostic testing needed to identify issues requiring surgery.

Outcome III:
Students will think critically while systematically assessing problems, identifying issues and implementing solutions.

- Students will use case studies to think critically and troubleshoot solutions to common issues that may occur in the operating room. Students will also recognize issues that may arise specifically in any surgical specialty and understand how to find a solution.

Outcome IV:
Students will apply principles of professionalism and safety standards when entering the workforce.

- Students will identify environmental hazards and describe how to maintain a safe workplace. Students will identify traits of a professional and successful surgical technologist and apply them.
Outcome V:
Students will demonstrate skill mastery and will pursue lifelong learning in their field while adapting to changing industry standards and following evidence-based practices.

- Students will understand the evolution of surgery as it applies to various specialties and learn the evolving techniques that are employed in the operating room.

ASSESSMENT OF STUDENT LEARNING

Grade Scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>90-100%</td>
</tr>
<tr>
<td>B</td>
<td>83-89%</td>
</tr>
<tr>
<td>C</td>
<td>78-82%</td>
</tr>
<tr>
<td>D</td>
<td>66-77%</td>
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<tr>
<td>F</td>
<td>66 and below</td>
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Students must achieve at least a “C”/78% to pass the course and continue in the surgical technology program. For further information, refer to the Surgical Technology Handbook.

Assessment:

Learning outcomes will be measured through

- Unit Exams
- Homework assignments and quizzes
- Final Exam

The final grade for this course will be determined by the following:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
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<tbody>
<tr>
<td>Unit Exams</td>
<td>50%</td>
</tr>
<tr>
<td>Homework/Quizzes</td>
<td>25%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>25%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
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Expected Study Time Commitments:

Students should expect to spend approximately 2 to 4 hours per week studying, reading, and working on assignments for each registered credit hour. For example, 6 to 12 study hours per week may be expected for a 3 credit hour class.

Description of Assignment(s)/Project(s):

Accompanying workbook will be assigned as homework with the corresponding chapter and will be announced in class and Canvas when applicable.

INSTRUCTOR POLICIES

Tardiness:
Make-up and late work:
Extra-credit work:
Schedule of Student Assignments/Activities:

A course schedule will be provided. This is a tentative schedule and is subject to change. Proper notice of schedule changes will be provided.

COLLEGE POLICIES

Attendance Policy: Students are expected to attend all class sessions for which they are enrolled. The College reserves the right to drop or withdraw students from courses due to lack of attendance.

Students need to be aware that dropping/being dropped from a course and their last date of attendance in the course may impact their financial aid.

MACC faculty are required to track attendance and report lack of attendance. An instructor must complete the appropriate steps to drop a student within one week following the student's violation of the attendance policy. Additionally, a student’s attendance rate will be calculated based upon the first day the academic session begins (not the student’s date of enrollment in the course). If a student does not attend a course as defined below, the student will be dropped as “Never Attended.”

Term Length Drop Calculations

16-week: Any student who misses two (2) consecutive weeks of class will be dropped from the course by the instructor unless acceptable justification is provided by the student and the student still has the opportunity to be successful in the course.

8-week: Any student who misses one (1) consecutive week of class will be dropped from the course by the instructor unless acceptable justification is provided by the student and the student still has the opportunity to be successful in the course.

4-week: Any student who misses two (2) consecutive days of class will be dropped from the course by the instructor unless acceptable justification is provided by the student and the student still has the opportunity to be successful in the course.

Intersession: Any student who misses one (1) day of class will be dropped from the course by the instructor unless acceptable justification is provided by the student and the student still has the opportunity to be successful in the course.

Acceptable justification may include, but is not limited to, family emergencies, illness or injury, college-approved co-curricular and extra-curricular activities, and religious holidays.

Definition of Course Attendance

<p>| In Seat Course | Physically attending scheduled, face-to-face, class meetings |</p>
<table>
<thead>
<tr>
<th>Virtual Course</th>
<th>Being present, via appropriate platform, for scheduled class meetings/activities</th>
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| Hybrid Course | Physically attending scheduled, face-to-face, class meetings and active participation in the online portion of the course which may include any or all of the following:  
  • Completion of quizzes or exams during class meetings and online  
  • Submission of assignments during class meetings and online  
  • Participation in discussions during class meetings and online |
| Online Course | Active participation in an online course includes the following:  
  • Completion of quizzes or exams  
  • Submission of assignments  
  • Participation in threaded discussions |

Simply logging into the Learning Management System (Canvas) and/or accessing the course and course related material does not constitute active participation for the online component of hybrid courses or for online courses. (*Policy Handbook*, I.090 & M.095)

**Academic Dishonesty:**

MACC board policy is as follows: “Academic dishonesty by students damages institutional credibility and unfairly jeopardizes honest students; therefore, it will not be tolerated in any form.” Forms of academic dishonesty include but are not limited to the following: violations of copyright law, plagiarism, fabrication, cheating, collusion, and other academic misconduct. Incidents of dishonesty regarding assignments, examinations, classroom/laboratory activities, and/or the submission of misleading or false information to the College will be treated seriously. The procedure for handling academic dishonesty is outlined in the Student Handbook (*Policy Handbook M.010*). In cases of alleged academic dishonesty, the burden of proof is on the student, not on the instructor.

**Student Email:**

MACC Mail is the official student email system at MACC. Official college communication is sent via this email system. Students are responsible for checking their MACC Mail account regularly. Students may also receive notifications and reminders from MACC through the online learning platform. However, students should remain aware that the online learning platform messaging system and MACC Mail (student email) system are two separate systems.

**ADA Statement:**

Students who have disabilities that qualify under the Americans with Disabilities Act may register for assistance through the Office of Access and ADA Services. Students are invited to contact the Access Office to confidentially discuss disability information, academic accommodations, appropriate documentation and procedures. For more information, please call either the Moberly office at
Title IX Statement:

MACC maintains a strict policy prohibiting sexual misconduct in any form, including sexual harassment, sexual discrimination, and sexual violence. All MACC employees, including faculty members, are considered mandated reporters of sexual misconduct and as such are expected to contact the Title IX Coordinator when they become aware, in conversation or in writing, of an incident of sexual misconduct. For more information on this policy or to learn about support resources, please see http://www.macc.edu/sexual-misconduct-policy or contact Cheryl Lybarger, MACC’s Title IX Coordinator, at 660-263-4110, ext. 11369 or cheryll@macc.edu.