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

Catalog Description: SRG110 Patient Care and Safety (5-2-6)
Patient Care & Safety course is designed to introduce the student to patient care concepts in preparation of the role of Surgical Technologist. Principles of safety in surgical patient care pre, intra and post op are incorporated. A patient’s response to illness and hospitalization are addressed including the physical, spiritual and psychological needs. Legal, ethical, and moral responsibilities affecting delivery of health care are described. The unique needs of pediatric, terminally ill and patients with special needs are covered.

Total Credit Hours: 6  
Theory Credit Hours: 5; Lab Credit Hours: 1  
Total Clock Hours: 112  
Theory Clock Hours: 80; Lab Clock Hours: 32

Prerequisite/Co-requisite:  
Co-requisites: SRG100 Intro to Surgical Technology, SRG115 Instruments and SRG120 Clinical I

Text(s):  
**Surgical Technology Principles and Practice, 7th Edition**, Author: Joanna Kotcher Fuller  
Publisher: Elsevier, ISBN: 978-0-323-39473-4

**Workbook to Surgical Technology Principles and Practice, 7th Edition**, Author: Joanna Kotcher Fuller  

**Pharmacology for the Surgical Technologist, 5th Edition**, Authors: Tiffany Howe, Angela Burton  

**Surgical Equipment and Supplies, 2nd Edition**, Author: Colleen J. Rutherford  
Publisher: F.A. Davis, ISBN: 978-0-8036-4571-4

Other Required Materials:  
Course syllabus, schedule and power points will be posted on Canvas prior to lecture.
Purpose of Course:
This course accompanies Introduction to Surgical Technology in laying the foundation of knowledge needed for an entry level surgical technologist. Through classroom and laboratory instruction, students learn how to transfer, position, prep and drape a surgical patient. The student will learn more about the other surgical team members such as circulators and anesthesia providers and how they work to take care of the patient. The student will understand how communication and teamwork are paramount in the operating room. Students will learn how each patient is an individual with specific needs. The student will learn how to deal with adverse events and death in the operating room. Students will learn about the legal and ethical responsibilities of the surgical team. Scientific concepts such as pharmacology, anesthesia, and diagnostic assessments will be covered.

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

1. Identify laws, documents and ethical concerns related to surgery.
2. Describe the individual needs of special populations.
3. Assess vital signs on a patient.
4. Understand diagnostic assessments used to evaluate patients prior to surgery.
5. Demonstrate proper handling of the surgical patient during transfer and positioning.
6. Demonstrate various skin preparations of the patient in surgery.
7. Demonstrate draping techniques utilized in the operating room.
8. Identify various classes of anesthesia and medications.
9. Understand the effects of anesthesia and various medications on a surgical patient.

Course Content:

Unit 1: Communication, Teamwork and Professionalism
Reading Assignment:
Surgical Technology P&P: Chapter 2

Unit 2: Law, Documentation, and Professional Ethics
Reading Assignment:
Surgical Technology P&P: Chapter 3

Unit 3: The Patient
Reading Assignment:
Surgical Technology P&P: Chapter 5

Unit 4: Diagnostic and Assessment Procedures
Reading Assignment:
Surgical Technology P&P: Chapter 6
Labs:
Vital Signs

Unit 5: Moving, Handling, and Positioning
Reading Assignment:
Surgical Technology P&P: Chapter 18
Surgical Equipment and Supplies: p. 42-47
Labs:
  - Patient Transfers
  - Patient Positioning

**Unit 6: Skin Prep and Draping**

Reading Assignment:
- *Surgical Technology P&P: Chapter 19*
- *Surgical Equipment and Supplies: p. 71-83*

Labs:
  - Surgical Skin Preps
  - Draping

**Unit 7: Pharmacology**

Reading Assignment:
- *Surgical Technology P&P: Chapter 12*
- *Surgical Equipment and Supplies: p. 208-232*
- *Pharmacology: Chapter 3*

Labs:
  - Medication Delivery
  - Labeling Medications

**Unit 8: Anesthesia**

Reading Assignment:
- *Surgical Technology P&P: Chapter 13*
- *Surgical Equipment and Supplies: Chapter 8*
- *Pharmacology: Chapters 14-16*

**Unit 9: Postanesthesia Recovery**

Reading Assignment:
- *Surgical Technology P&P: Chapter 14*

**Unit 10: Death and Dying**

Reading Assignment:
- *Surgical Technology P&P: Chapter 15*

**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 I:**
Students will demonstrate effective written and oral communication skills.

- In the lab setting, students will demonstrate effective communication when medications are passed onto the sterile field. The student will identify medications and properly label them on the back table.

**Outcome II:**
Students will demonstrate an understanding of discipline-related math and scientific principles.
• Students will understand and demonstrate the ability to calculate medication dosage and delivery limits. The student will distinguish between various medications used both by the surgeon and anesthesia.

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

• Students will identify common issues while positioning patients and demonstrate how to correct them. The student will be able to recognize anesthesia concerns and know what to do in an emergency situation.

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

• The student will demonstrate safe handling of medications. Students will understand and demonstrate the attributes of a professional. In the lab setting, students will safely position and prep.

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.

• In the lab setting, students will demonstrate patient assessments and transfers. The student will identify different types of anesthesia and their applications.

ASSESSMENT OF STUDENT LEARNING

Grade Scale:

A = 92-100%
B = 83-91%
C = 78-82%
D = 66-77%
F = 66 and below

Students must achieve at least a “C”/78% in order 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
• Lab Assessments
• Final Exam
The final grade for this course will be determined by the following:

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<tr>
<th></th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Unit Exams</td>
<td>40%</td>
</tr>
<tr>
<td>Homework/Quizzes</td>
<td>25%</td>
</tr>
<tr>
<td>Lab Assessments</td>
<td>20%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>15%</td>
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<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 when applicable with the corresponding chapter and will be announced in class and Canvas.

**INSTRUCTOR POLICIES**

**Tardiness:**

See Surgical Technology Handbook

**Make-up and late work:**

See Surgical Technology Handbook

**Extra-credit work:**

Not available

**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**

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<tr>
<th>In Seat Course</th>
<th>Physically attending scheduled, face-to-face, class meetings</th>
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<tr>
<td>Virtual Course</td>
<td>Being present, via appropriate platform, for scheduled class meetings/activities</td>
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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 (660) 263-4100 x 11240 or the Columbia office at (573) 234-1067 x 12120, or visit our web page at [http://www.macc.edu/index.php/services/access-office](http://www.macc.edu/index.php/services/access-office).

**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.