

Montgomery County Community College
 SUR 205
 Surgical Technology III
 10-6-16

COURSE DESCRIPTION:

This course is designed to build on the knowledge gained in SUR 105 and SUR 106. Fundamental team skills in the environment of the operating room are applied to various specialties of surgery. Patient, equipment, and supply preparation are demonstrated in the following types of surgeries: genitourinary, cardio-thoracic, vascular, and orthopedic. The patient preparation, instrument and equipment set-up and assembly are demonstrated. The actual procedural stages for each basic surgery within the specialties are presented and reinforced in the clinical setting. The concurrent clinical laboratory and site experience afford the student the opportunity to directly apply didactic information. The patient profile is also discussed with consideration given to age specific needs during the surgical intervention. Response to death and dying in the operating room is introduced with exploration of various coping strategies. Co-morbidities are described. Employment skills and interview techniques are addressed with development of a professional resume.

REQUISITES:

Previous Course Requirement
 SUR 106 Surgical Technology II

Previous or Concurrent Course Requirements
 ENG 102 English Composition II OR ENG 115 Writing for Technical
 Communication OR ENG 117 Writing for Business/Industry

LEARNING OUTCOMES Upon successful completion of this course, the student will be able to:	LEARNING ACTIVITIES	EVALUATION METHODS
1. Demonstrate, written and verbally, proper use of medical terminology with a focus on the specialty surgeries addressed in the course.	Oral and Written Presentation of Case Study Reading/Assignments/ Case Studies Assignments/Written Experiences Paralleling Clinical Experience Research Resources Clinical Practice	Written Exams/Quizzes Discussion/Written Assignments Capstone Project/Oral Presentation Clinical Performance

LEARNING OUTCOMES	LEARNING ACTIVITIES	EVALUATION METHODS
2. Differentiate the role and expectations of the Surgical Technologist within the operative team while delivering care to the patient having the following specialty surgeries: genitourinary, cardio-thoracic, vascular, and orthopedic.	Lecture with Visuals/ Discussion Reading/Assignments Role P	

LEARNING MATERIALS:

- Schroeder, C.L., Ehrlich, L., Schroeder-Smith, K., Ehrlich, A. (2021). *Medical Terminology for Health Professions* (9th ed.). Boston, MA: Cengage Learning.
- Frey, K.B. (2018). *Surgical Technology for the Surgical Technologist: A Positive Care Approach* (5th ed.). Boston, MA: Cengage Learning.
- Rothrock, J.C. & Alexander, S. M. (2012). *Alexander's Surgical Procedures*.