

Montgomery County Community College
SUR 106
Surgical Technology II
8-6-8

COURSE DESCRIPTION:

This course is designed to build on the knowledge gained in SUR 105. Fundamental team skills and knowledge of medical terminology are enhanced in SUR 106 and applied in the environment of the operating room and various specialties of surgery. Basic concepts of electricity and specialty equipment are introduced with the emphasis on safe patient care in the operating room. Patient, equipment, and supply preparation are demonstrated in the following types of surgeries: ear, nose, throat, mouth, jaw, and eye. The specialty of cosmetic and reconstructive plastic surgery is presented. Students are exposed to neurosurgery of the spinal column and the brain. The actual procedural stages for each basic surgery within the aforementioned specialties are presented and reinforced in the clinical setting. The concurrent clinical laboratory experience during the

LEARNING OUTCOMES	LEARNING ACTIVITIES	EVALUATION METHODS
2. Define the accountability and environmental requirements of the Surgical Technologist in caring for specialty surgical patients.	Lecture with Visuals/ Discussion including AV/Multimedia Materials Reading/ Assignments Role Playing/Simulation in the Operating Room Learning Lab Clinical Practice	Written Exams/Quizzes Discussion/Written Assignments Clinical Performance
3. Apply aseptic technique in preparing the patient for surgery while demonstrating use of specialty instruments, equipment, and sterile supplies for the listed specialty surgeries.	Lecture with Visuals/ Discussion including AV/Multimedia Materials Reading/Assignments Demonstration Role Playing/Simulation in the Operating Room Learning Lab Clinical Practice Professional Resources	Written Exams/Quizzes Discussion/Written Assignments Return Demonstration with Validation Clinical Performance
4. Demonstrate the ability to prioritize and organize the surgical field for the specialty surgeries considering the urgency of patient care.	Lecture with Visuals/ Discussion including AV/Multimedia Materials Reading/Assignments/ Case Studies Demonstration Role Playing/Simulation in the Operating Room Learning Lab Clinical Practice	Written Exams/Quizzes Discussion/Written Assignments Return Demonstration with Validation qQq72.264 317.81 157.94 13

LEARNING OUTCOMES

6. Throat, Mouth, and Jaw Surgery
 - A. Anatomy and Relationship to Procedure
 - B. Instruments, Set-Up, Counting
 - C. Equipment for Procedure
 - D. Procedural Stages for Surgical Intervention
 - E. Potential Complications
7. Eye Surgery
 - A. Anatomy and Relationship to Procedure
 - B. Instruments, Set-Up, Counting
 - C. 584.5 Tm0 g0 G[)]TJETQ2s6BT/F1 .02 11 1 0 0 1 120.02 584.5 Tm0 g0 G[)]TJETQq0

Other learning materials may be required and made available directly to the student and/or via the College's Libraries and/or course management system.

COURSE APPROVAL:

Prepared by:	Beverly Siftar, RN, MSN, CNOR and Dr. Victoria L. Bastecki-Perez	Date:	1/2003
Revised by:	Erin White, MS, CST	Date:	1/2008
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VPAA/Provost or designee Compliance Verification:	Victoria L. Bastecki-Perez, Ed.D.	Date:	10/18/2012
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VPAA/Provost or designee Compliance Verification:	Victoria L. Bastecki-Perez, Ed.D.	Date:	11/7/2017
Revised by:	Erin White-Mincarelli, PhD, MS, CST, FAST	Date:	11/20/2023
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