

Course Code: MAS 156

Course Title: Aseptic Techniques

Department: Allied Health

Effective Date: Summer 2026

PCS Code: 1.2 - Occupational/Technical Instruction

CIP Code: 51.0801

Repeatability: 0

Credit Hours

Catalog Notation: 1-3-2

Credit Hour Distribution:

Lecture: 1

Lab: 3

Clinical: 0

Total: 2

General Course Information

Catalog Description

Fundamentals of microbial control; procedures for sanitation, disinfection, and sterilization; specimen collection and handling; compliance with OSHA, CDC, assisting with minor surgery.

General Course Objectives

- Provide a knowledge base of general medical assisting concepts related to aseptic technique.
- Develop skills required by all medical assistants with a special focus on minor office surgical procedures, adherence to OSHA and CDC guidelines, and the care of surgical patients.

Minimum Placement Levels

English	Reading	Math
Placement out of ENG 099	Placement out of CCS 098	Placement into MAT 060

Prerequisites

Credit in MAS 135 and HCS 154

Methods of Evaluation

5-7 exams, 1 midterm, 1 final, and 20-25 skills check-offs.

Instructional Materials and Additional Supplies

Medical Assisting: Administrative & Clinical Competencies, Michelle Blesi. 9th Edition. ISBN-13: 9780357502846

Course Content

General Learning Outcomes (GLOs)

- Communication: Students will demonstrate the ability to read, write, listen, and speak effectively.

Course Segments and Student Learning Outcomes

Course Segment	Learning Outcomes	Lecture Hours	Lab Hours	Clinical Hours
Ambulatory Surgery, Categories of Surgery, CDC and OSHA Requirements, PPE	1. Discover specific CDC and OSHA requirements for surgical asepsis. 2. Determine the difference between medical asepsis and surgical asepsis. 3. Establish and imitate common ambulatory surgical environments in the clinic. 4. Demonstrate surgical gloving, following proper procedure. 5. Articulate and prepare the items used for Personal Protective Equipment.	1	3	0
Categories of Surgical Instruments, Suture Materials, and Needles	1. Prepare sterile packaging and follow sterile packaging guidelines. 2. Show the skills of sterile packaging: cleaning, disinfecting, packaging, and sterilization of instruments. 3. Identify and imitate opening sterile packages onto a sterile field. 4. Assess and try transferring of sterile objects from one sterile field to another.	2	6	0
Assisting with Minor Surgery	1. Determine guidelines for pre-operative and post-operative instructions. 2. Inform patients of informed consent. 3. Report procedures for obtaining an informed consent. 4. Articulate and demonstrate procedure for patient skin preparation for minor procedures. 5. Articulate and demonstrate the methods for application of sterile wound dressings, removal and changing of surgical dressings, and removal of sutures and staples. 6. Establish the use of electrosurgery and lasers during minor surgical procedures. 7. Reproduce safety precautions in the clinic. 8. Imitate characteristics expected of medical assistants during surgical procedures. 9. Try and demonstrate transfer of sterile solutions onto a sterile field. 10. Produce instruments most often used in minor surgical procedures. 11. Establish the phases of wound healing.	3	9	0
Infection Control and Safety Awareness of Sharps	1. Recite infection control and common pathogens in the medical office setting. 2. Explain active and passive immunity. 3. Describe inflammatory process. 4. Define and demonstrate safety application of passing knife blades and surgical instruments. 5. Demonstrate OSHA sharps disposable procedures.	2	6	0
Six Rights of Medication Administration; Providing Medications to a Sterile Field	1. Describe and demonstrate the six rights for medication administration. 2. Demonstrate utilization of aseptic technique principles in providing medications to a sterile field. 3. Display the skills required to assist with suturing.	1	3	0

Course Segment	Learning Outcomes	Lecture Hours	Lab Hours	Clinical Hours
Infection Control Specific to CDC Requirements	1. Describe and identify the types of Hepatitis, AIDS, multidrug resistant organisms, mode of transmission, and prevention of cross-contamination in the clinic with surgical procedures. 2. Identify the toxins found in acts of bioterrorism. 3. Give examples of the types of diseases caused by the bioterrorism toxins.	2	6	0
Assisting with Minor Surgery in the Clinical Setting	1. Demonstrate and reproduce application of all surgical skills required when assisting with minor surgical procedures in the clinic setting.	4	12	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
15	45	0