



**WASHINGTON COUNTY COMMUNITY COLLEGE
CALAIS, MAINE**

**Career Department
Semester:**

COURSE NUMBER: MDT223 **CREDIT HOURS:** 3
COURSE TITLE: Phlebotomy and Infection Control
PREREQUISITES: Medical Terminology or it may be take concurrently
CO-REQUISITES: None.

TEXTS:

Phlebotomy A Competency-Based Approach and Access to Connect

OTHER MATERIALS:

Royal Blue Scrubs
Clean, comfortable sneakers

COURSE DESCRIPTION:

This course will prepare students to collect, handle, and analyze a blood specimens according to CLSI standards. Students will also learn to follow safety guidelines, OSHA regulations, and CDC precautions. The fundamentals of infection control in healthcare and sterile procedures will be included. Pre-requisite/Co-requisite: MDT125, Medical Terminology.

PROGRAM GOALS

The goals of the medical assisting program are to:

- prepare medical assistants with a wide variety of skills, knowledge, and competencies needed for both rural service areas and diverse medical care settings, where employees are asked to perform varied tasks
- to provide a foundation that gives the skills for leadership, life- long learning, and community involvement while maintaining basic competencies prior to graduation of an Associate of Applied Science Degree in Medical Assisting.
- “To prepare competent entry-level medical assistants in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.”

COURSE COMPETENCIES:

GRADING POLICY/COMPETENCY STATEMENT

The Medical Assisting program is accredited by the Commission on Accreditation of Allied Health Education Programs. This course is a requirement of the Medical Assisting Program. As a result, in order to meet the program requirement of MDT223, Phlebotomy and Infection Control, you must earn an overall grade of 80 in this course.

As an accredited program, specific competencies must be met in order to successfully complete this course. Competencies are divided into three specific categories. These categories are as follows: Cognitive (knowledge base), Psychomotor (skills), and Affective (behavior).

Psychomotor and affective competencies are graded by clinical check-off sheets and/or rubrics. The check-off sheets or rubrics may have steps indicated with asterisk (*). The steps marked with an asterisk must be successfully completed/performed in order to pass the competency. Cognitive competencies are graded by test questions. The student has two attempts to successfully complete competencies.

The student must obtain a grade of 80 within two attempts to pass cognitive, psychomotor and affective competencies. If the competency assignment is attempted for a second time, the average grade of the two attempts is the student's grade on the competency assignment. Or, if the student passes the second attempt (with an 80 or better), but the average of the two grades is less than 80, the student will still pass the competency with a grade of 80.

The student is required to achieve all the competencies to pass the course and/or progress in the program. The student must also obtain an 80 or B- in the course to continue forward with prerequisite requirements and MDT245, Clinical Medical Cooperative Practicum. Failure to achieve an 80 % or better on any competency will result in an "F" in the course. Students must pass the venipuncture competency and have an overall class average of 80 or higher in order to participate in the mini-internship.

COMPETENCIES/ADDITIONAL OBJECTIVES

Cognitive

Example: Test Question

- I. C. 12. Identify quality assurance practices in healthcare
- III. C. 1. List major types of infectious agents
- III. C. 2. Describe the infection cycle, including
 - a. The infectious agent
 - b. Reservoir
 - c. Susceptible host
 - d. Means of transmission
 - e. Portals of entry
 - f. Portals of exit
- III. C. 5. Define the principles of standard precautions.
- III. C. 6. Define personal protective equipment (PPE) for
 - a. All body fluids, secretions and excretions
 - b. Blood
 - c. Non-intact skin
 - d. Mucous membranes

- XII.C.2. Identify safety techniques that can be used in responding to accidental exposure to:
 - a. blood
 - b. other body fluids
 - c. needle sticks
 - d. chemicals
- XII.C.4. Describe fundamental principles for evacuation of a healthcare setting

Psychomotor (Skill)

- I. P. 2. b. Perform venipuncture
- I. P. 2. c. Perform capillary puncture
- I. P. 10. Perform a quality control measure
- I. P. 11. a. Obtain specimens and perform CLIA waived hematology test
- I. P. 11. b. Obtain specimens and perform CLIA waived chemistry test
- II. P. 2. Differentiate between normal and abnormal test results
- III.P.1. Participate in bloodborne pathogen training
- III. P. 2. Select appropriate barrier/personal protective equipment (PPE)
- III. P. 3. Perform handwashing
- III.P.4. Prepare items for autoclaving
- III.P.5. Perform sterilization procedures
- III.P.6. Prepare a sterile field
- III.P.7. Perform within a sterile field
- III. P. 10. a. Demonstrate proper disposal of biohazardous material sharps
- III. P. 10. b. Demonstrate proper disposal of biohazardous material regulated waste
- XII.P.2 Demonstrate proper use of:
 - a. Eyewash equipment
 - b. Fire extinguishers
 - c. Sharps disposal containers

Affective (Behavior)

- II. A. 1. Reassure a patient of the accuracy of the test results
- V. A. 1.a. Demonstrate empathy
- V. A. 1.b. Demonstrate active listening
- V. A. 1.c. Demonstrate nonverbal communication

GRADING SCALE:

This course follows the WCCC Grade Scale indicated below:

This course follows the standard WCCC grading scale listed below:

97-100 A+	84-86 B	70-73 C-	59 and below F
94-96 A	80-83 B-	67-69 D+	
90-93 A-	77-79 C+	64-66 D	

Tests	30%
Homework	30%
Labs.....	20%
Warm Ups.....	10%
Final Exam	10%