

RARITAN VALLEY COMMUNITY COLLEGE ACADEMIC COURSE OUTLINE

MATC-116 Phlebotomy Theory and Lab

I. Basic Course Information

- A. Course Number and Title: MATC-116
Phlebotomy Theory and Lab
- B. New or Modified Course: Modified
- C. Date of Proposal: Fall 2012
- D. Sponsoring Department: Health Science Education
- E. Semester Credit Hours: 1
- F. Weekly Contact Hours: 2 Laboratory
- G. Prerequisites: MATC-111 Administrative Medical Assist Prin
BIOL-120 Human Biology
HLTH-150 Medical Terminology
ENGL-111 English Composition I
- Co-requisites: HLTH-107 Pathophysiology
HLTH-109 Pharmacology
MATC-121 Clinical Medical Assistant Prin
- H. Laboratory Fees: Yes
- I. Department Chair: Patrice Case
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(908) 526-1200, Ext. 8915

II. Catalog Description

- Prerequisites: MATC-111 Administrative Medical Assistant Principles
BIOL-120 Human Biology
HLTH-150 Medical Terminology
ENGL-111 English Composition I
- Co-requisites: MATC-121 Clinical Medical Assistant Principles
HLTH-107 Pathophysiology
HLTH-109 Pharmacology

This course is designed to provide the student with the necessary theory and instruction in phlebotomy techniques. Upon completion of this course, the student will possess an orientation to basic phlebotomy procedures including equipment and techniques used for capillary puncture, venipuncture, and bleeding times. Other topics covered include infectious diseases and their prevention; professionalism and total quality in phlebotomy services; and medicolegal issues and health law procedures.

III. Statement of Course Need

- A. Medical Assisting is an allied health profession whose members need to be competent in all clinical and administrative aspects of their profession. Phlebotomy is a vital part of the role of the clinical medical assistant. The phlebotomy course is an integral part of the curriculum and fulfills a portion of the cognitive, psychomotor, and affective competency requirements of the Medical Assistant Education Review Board (MAERB), the certifying agency for medical assistants. Students must successfully complete this course in order to take a national certification examination and to practice as a qualified Medical Assistant.
- B. The lab component helps the student to understand the theoretical components through application of phlebotomy principles.
- C. Transfer of this course is as a free elective.

IV. Place of Course in College Curriculum

- A. Free Elective
- B. This course is required for completion of the Medical Assistant certificate, as defined by the Medical Assistant Education Review Board (MAERB). This course meets a requirement in the two semester Medical Assistant certificate program.
- C. Course transferability: This course will be placed on the NJ Transfer Website for evaluation www.njtransfer.org. For all other colleges and universities, go to their individual websites.

V. Outline of Course Content

- A. Introduction to Phlebotomy
- B. Anatomy and Physiology
- C. Infectious Diseases and Their Prevention
- D. Proper Procedures and Equipment for Venipuncture
- E. Special Collection Procedures
- F. Complications of Phlebotomy
- G. Multi-skilling for Phlebotomists
- H. Interpersonal Communication and Professionalism
- I. Total Quality in Phlebotomy Service
- J. Medical Legal Issues and Health Law Procedures

VI. Educational Goals and Learning Outcomes

A. Educational Goals

Students should be able to:

1. Demonstrate critical thinking in decision making (GE-NJ *)
2. Utilize appropriate verbal and nonverbal communication techniques (GE-NJ 1)
3. Employ ethical behaviors based upon the Medical Assistant's Creed when providing care (GE-NJ ER)

(*Embedded critical thinking)

B. Learning Outcomes

At the completion of the course, students will be able to:

1. III.P.4. perform handwashing technique
2. III.P.2. practice Standard Precautions
3. III.P.3. select appropriate barrier/personal protective equipment (PPE) for potentially infectious situations
4. XI.P.5. demonstrate proper use of sharps disposal containers
5. I.P.3. perform capillary puncture
6. I.P.2. perform venipuncture
7. I.P.12. perform CLIA waived hematology testing
8. explain the importance of correct patient identification
9. identify equipment and supplies used to obtain a routine venous specimen and a routine capillary skin puncture

VII. Modes of Teaching and Learning

- A. Lecture /discussion
- B. Instructor demonstration
- C. Laboratory exercises and practice
- D. Simulation/role playing

VIII. Papers, Examinations, and other Assessment Instruments

- A. Demonstration of patient preparation
- B. Skills testing of phlebotomy procedures
- C. Quizzes and final examination

IX. Grade Determinants

A. Lab performance:	30%
B. Written and procedural final examination:	30%
C. Tests/Quizzes:	30%
D. Attendance/Participation:	10%

X. Texts and Materials

- A. Textbook: Procedures in Phlebotomy – current edition
Author: John C. Flynn, Jr.
Publisher: Elsevier/Saunders
- B. Instructor prepared materials
- C. Videos/DVDs/CDs

Please Note: The course outline is intended only as a guide to course content and resources. Do not purchase textbooks based on this outline. The RVCC Bookstore is the sole resource for the most up-to-date information about textbooks.

XI. Resources

- A. Phlebotomy laboratory
- B. Reference lab manuals (Quest & Lab Corp)
- C. Venipuncture Practice Arms
- D. RVCC library resources and other resources available in the MA lab
- E. *CMA Today*, a monthly Medical Assistant journal
- F. *AMT Events*, a quarterly Medical Assistant journal

XII. Honors Options: None available

Special Addendum for Medical Assistant Outlines

Performance Requirements

Students must achieve 100% competency in all psychomotor (P) and affective (A) learning outcomes in order to graduate from the Medical Assistant Program. Competency will be determined via laboratory skill demonstrations, projects, presentations, and other activities/assignments.

Late submission of activities/assignments will be subject to a five point deduction per class day (M/W/F). Exceptions to this policy are at the discretion of the instructor.

When measuring skill competency, a total of three student attempts will be allowed.

Students must achieve a grade of C (75%) or better in this course to advance in the Medical Assistant Program.

Reasonable Accommodation: *Students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course MUST provide documentation of accommodations from the RVCC Office of Disability Services, C-143. No accommodations will be made without this documentation.*

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