

Washtenaw Community College Comprehensive Report

HSC 116 Phlebotomy for Healthcare Professionals

Effective Term: Fall 2013

Course Cover

Division: Math, Science and Health

Department: Nursing & Health Science

Discipline: Health Science

Course Number: 116

Org Number: 15210

Full Course Title: Phlebotomy for Healthcare Professionals

Transcript Title: Phlebotomy

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Time Schedule , Web Page

Reason for Submission: New Course

Change Information:

Rationale: This is a required course for Clinical Medical Office Assistant (CTMOS) program.

Proposed Start Semester: Fall 2013

Course Description: Through lecture and lab, students will learn basic anatomy, medical terminology, infection control, and procedures necessary to appropriately collect laboratory specimens and communicate effectively with patients. This course will prepare students for the Phlebotomy Technician certification exam offered by the National Healthcare Association (NHA) Certifying Board.

Course Credit Hours

Variable hours: No

Credits: 2

Lecture Hours: Instructor: 30 **Student:** 30

Lab: Instructor: 15 **Student:** 15

Clinical: Instructor: 0 **Student:** 0

Total Contact Hours: Instructor: 45 **Student:** 45

Repeatable for Credit: NO

Grading Methods: Letter Grades

Audit

Are lectures, labs, or clinicals offered as separate sections?: NO (same sections)

College-Level Reading and Writing

Reduced Reading/Writing Scores

College-Level Math

Requisites

Prerequisite

Academic Reading & Writing Levels of 3

General Education

Degree Attributes

Below College Level Pre-Reqs

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Perform venipuncture techniques to collect blood specimens.

Assessment 1

Assessment Tool: Skills check-off form

Assessment Date: Winter 2014

Assessment Cycle: Every Three Years

Course section(s)/other population: All sections

Number students to be assessed: All students

How the assessment will be scored: Skills rubric

Standard of success to be used for this assessment: 80% or higher of students will perform 100% on the skills check-off form.

Who will score and analyze the data: Faculty who teach the course

2. Apply infection control and safety procedures when performing venipuncture.

Assessment 1

Assessment Tool: Skills check-off form

Assessment Date: Winter 2014

Assessment Cycle: Every Three Years

Course section(s)/other population: All sections

Number students to be assessed: All students

How the assessment will be scored: skills rubric

Standard of success to be used for this assessment: 80% or higher of students will perform 100% on the skills check-off form.

Who will score and analyze the data: Faculty who teach the course

3. Demonstrate effective communication with patients.

Assessment 1

Assessment Tool: Skills check-off form

Assessment Date: Winter 2014

Assessment Cycle: Every Three Years

Course section(s)/other population: All sections

Number students to be assessed: All students

How the assessment will be scored: Rubric

Standard of success to be used for this assessment: 80% or higher of students will perform 100% on the skills check-off form.

Who will score and analyze the data: Faculty who teach the course

Course Objectives

1. Define the role of the phlebotomist.

Matched Outcomes

2. Apply key terms and abbreviations.

Matched Outcomes

3. Identify basic anatomy as it applies to blood and function.

Matched Outcomes

4. Differentiate between veins, arteries and capillaries.

Matched Outcomes

5. Identify the difference between plasma and serum.

Matched Outcomes

6. Correctly identify, assemble and set-up supplies necessary for venipuncture.

Matched Outcomes

7. Identify collection tubes and match to their use, purpose and order in specimen collection.

Matched Outcomes

8. Identify correct location for dermal puncture on adults and babies.

Matched Outcomes

9. Demonstrate proper draw technique on fake arms.

- Matched Outcomes**
10. Demonstrate proper techniques on live draws using correct order of draw.
Matched Outcomes
11. Demonstrate correct specimen labeling procedures.
Matched Outcomes
12. Demonstrate venipuncture by sterile needle, syringe, butterfly and vacuum method using correct order of draw.
Matched Outcomes
13. Describe the proper procedure for hand hygiene.
Matched Outcomes
14. Describe the guidelines of glove usage and describe the types of gloves available for use.
Matched Outcomes
15. State safety rules to follow when working in the laboratory and patient areas.
Matched Outcomes
16. Identify safety precautions to take when performing phlebotomy procedures.
Matched Outcomes
17. Identify possible complications of phlebotomy procedures and appropriate actions if they occur.
Matched Outcomes
18. Identify the components of the chain of infection and infection control procedures.
Matched Outcomes
19. Describe the requirements mandated by OSHA Needlestick Safety and Prevention Act.
Matched Outcomes
20. Identify national organizations, agencies and regulations that support quality assurance in healthcare.
Matched Outcomes
21. Describe standard and transmission based precautions and identify the organizations that developed them.
Matched Outcomes
22. Describe the proper handling of laboratory specimens including disposal and decontamination.
Matched Outcomes
23. List and describe problems and/or complications which may arise during or after a blood collection procedure.
Matched Outcomes
24. Describe basic concepts of communication as they relate to healthcare and how appearance and nonverbal messages affect the communication process.
Matched Outcomes
25. Communicate (verbally and nonverbally) effectively and appropriately in the workplace.
Matched Outcomes
26. Describe traits that form the professional image of a phlebotomist.
Matched Outcomes
27. Demonstrate proper patient identification.
Matched Outcomes
28. Describe HIPPA, law and ethics related to Phlebotomy.
Matched Outcomes
29. Demonstrate patient complication care.
Matched Outcomes
30. Describe instructions which should be given to a patient when a fasting specimen is required.
Matched Outcomes
31. Describe instructions which should be given to a patient who is about to undergo a glucose tolerance test.
Matched Outcomes

New Resources for Course

Course Textbooks/Resources

Textbooks

McCall, R. Tankersley, C.. *Essentials of Phlebotomy*, 5th ed. Philadelphia, Pa: Lippincott, Williams & Wilkins, 2012, ISBN: 1605476377.

Manuals

Periodicals

Software

Equipment/Facilities

Level II classroom

Reviewer

Action

Date

Faculty Preparer:

Susan Travis

Faculty Preparer

Jan 31, 2013

Department Chair/Area Director:

Dr. Vickie Salter

Recommend Approval

Feb 01, 2013

Dean:

Martha Showalter

Recommend Approval

Feb 04, 2013

Vice President for Instruction:

Stuart Blacklaw

Approve

Mar 12, 2013