

**Eastern WV Community & Technical College
Master Course Record**

Course Prefix and Number: WFHC 119
Course Title: Basic Phlebotomy for the Medical Assistant
Recommended Transcript Title: WFED Basic Phlebotomy
Date Approved/Revised:
Credit Hours: 3
Total Contact Hours :
Lecture: 35
Lab: 10
Grading Mode: Credit / No Credit
Catalog Description: The 45 hour Phlebotomy Technician course prepares the medical assistant to collect blood specimens from clients for the purpose of laboratory analysis. Students will become familiar with all aspects related to blood collection and develop basic skills to perform venipunctures completely and safely. Classroom work includes anatomy and physiology, blood collection procedures; specimen hands-on practice; and clinical training in skills and techniques to perform puncture methods.
Course Outcomes:
<ol style="list-style-type: none"> 1. Recognize the anatomy and physiology of the circulatory system 2. Define laboratory law, ethics and regulatory issues 3. Identify correct specimen documentation and transportation 4. Demonstrate non blood specimen collection 5. Demonstrate proper pediatric & geriatric blood collection 6. Know phlebotomy theory 7. Perform in a simulated lab 8. Define arterial, intravenous (IV) & special collections procedures 9. Perform specimen collection 10. Observe correct processing and handling 11. Recognize appropriate laboratory operations (e.g. safety, quality control) 12. Diagram cells and anatomy of the arm 13. Demonstrate appropriate use of a tourniquet 14. Illustrate blood collection systems 15. Define medical asepsis 16. Demonstrate appropriate hand washing 17. Define blood and blood composition 18. Select correct blood tubes for testing 19. Define coagulation 20. Demonstrate appropriate venipuncture protocols while working with a training arm 21. Recognize anatomy of hand, leg & foot – arteries and veins 22. Recall heel puncture protocol 23. Demonstrate syringe draws while working with a training arm 24. Observe universal precautions – safety protocols & infection control 25. Identify respiratory, pneumonia & TB isolation protocol 26. Perform live venipunctures & skin punctures, syringe practice 27. Define CBC/DIFF tests 28. Define hematological lab tests 29. Define blood associated disease and disorders 30. Illustrate appropriate order of draw

Implementation Cycle: FALL
Role in College Curriculum: <input type="checkbox"/> General Education Core <input type="checkbox"/> Technical Core <input type="checkbox"/> Restricted Elective <input type="checkbox"/> General Elective <input checked="" type="checkbox"/> Workforce Education <input type="checkbox"/> Other
Course Fee: Yes
Instructor's Qualifications: BS in Health Related Field or related discipline AND/OR expertise and experience in field
Expanded Course Description: The Medical Assistant is a vital member of the clinical laboratory team. A function of this position requires skills to obtain patient's blood specimens by venipuncture and microcollection. Competencies evaluated through test assessments. *Standard Training Format Protocol

Prepared by:

Amy Crites

10-17-11

Signature, Title

Date

Approved by:

Per LOT Minutes 10-17-11

Dean, Academic Sciences

Date