

Linn Benton Community College

CMA246

MA Lab Block II

Phlebotomy and EKG

Credits: 4

Instructor: Melanie Wiens, NCMA

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Office Hours: Upon Request

Class Schedule: Thursdays 8:00am - 9:50am Lecture

Thursdays 11:00am - 2:50pm Lab

Virtual Attendance via ZOOM and Classroom HOC260

Course Description:

Prepares students to function as medical assistants in the medical office assisting with complex procedures and/or treatments. Prepares students to be able to collect blood samples safely using universal precautions and to perform electrocardiograms in a clinical setting. Emphasizes appropriate use of therapeutic communication skills.

This course fulfills the communication requirement.

Required Equipment: Purple Scrubs (pants and top)

Text Book: Kinn's The Medical Assistant, An Applied Learning Approach
14th Edition Text and Workbook

The Only EKG Book You'll Ever Need, 5th Edition (provided)

I.P.2.a	Perform electrocardiography	CMA 242	
I.P.2.b	Perform venipuncture	CMA 242	

LBCC Outcomes:

1. Perform venipuncture
2. Demonstrate awareness of a patient’s concerns related to the procedure being performed.
3. Perform venipuncture and process collected blood samples.
4. Perform an Electrocardiogram (EKG or ECG)
5. Utilize knowledge of the cardiovascular system to identify abnormal or dangerous rhythms.

Prerequisite: Enrollment in the Medical Assistant Program

Course Description:

Prepares the student to be able to collect blood samples safely using universal precautions, and to perform electrocardiograms in a clinical setting. Emphasizes appropriate use of therapeutic communication skills.

Course Objectives:

Refer to content and competencies listed above.

Learning Activities:

1. Listening to lectures
2. Participating in activities with partners
3. Watching demonstrations of procedures to be performed
4. Watching videos of medical assistant tasks

Methods of Evaluation:

1. Quizzes
2. Final exam
3. Return Demonstrations
4. Class participation
5. Observation of professionalism and attendance

Adjusted grading scale.

Grading: Phlebotomy

10 Weekly activities	10 pts each	100 points
6 Homework assignments	10 pts each	60 points
5 Competency draws	20 pts each	100 points
1 Group Activity	10 pts	10 points
1 Quality Control Logs	10 pts	10 points
FINAL EXAM	30 pts	<u>30 points</u>

Total points available for this portion of CMA242		310 points
Grading: EKG		
5 Assignments	20 pts each	100 points
2 Competencies	50 pts each	<u>100 points</u>
Class Total		200 points

Testing for skill competencies is administered in the classroom. Students that fail an attempt at successfully performing a competency are given remedial instruction, and more opportunities to successfully complete competency skills under the direct supervision of the instructor until satisfactory completion is achieved by the student.

Course Schedule by Week:

1. Lab Safety, the Tourniquet, Blood Borne Pathogens
EKG-Review Heart Structure and Circulation, EKG Wave Forms
2. Syringes, Needles, Anchoring and Complications
EKG Paper, Lead Summary
3. Order of the Draw, Specimen Processing
Ventricular and Atrial Enlargement
4. Specimen Processing
5 Types of Supraventricular Rhythms
5. Blowing a Vein, Complications
11 Step Method - Reading the EKG
6. GHS Labeling, Safety Data Sheets, Hazard Diamond Signs
7. Hand Draws
8. Patient Draw, Requisition, Processing Specimen
9. 2 Patient Draws, Requisition, Processing Specimen
- 10.2 Patient Draws, Requisition, Processing Specimen

Homework:

Homework is due on the date provided in the schedule of assignments, which is posted in moodle. No late work will be accepted. Homework is graded on a completion only basis.

All competencies must be completed and signed forms submitted by Monday of Finals week in order to pass this class!!

Classroom regulations:

1. Attendance is required.
2. Cell phones must be turned off during class time.

3. During graded return demonstrations, students not currently testing must remain in class and practice skills or work on homework. Leaving class early must be arranged with the instructor prior to the day of class.
4. Children are not allowed in the skills lab.
5. No food or drink will be allowed in close proximity to work areas during practice and demonstration periods.
6. Scrubs (work pants and top) are required for skill return demonstrations and working with blood/body fluids.
7. Be prepared for in class quizzes and testing.

LBCC Disability Statement

Students who may need accommodations due to documented disabilities, or who have medical information which the Instructor should know, or who need special arrangements in an emergency, should speak with the Instructor during the first week of class. If you think you may need accommodation services, please contact Disability Services, 917-4789. LBCC students are expected to learn college rights and responsibilities. Please go to <http://www.linnbenton.edu/go/student-rights> to learn what you must and may do in college. All students need to follow the LBCC code of conduct.

Students at LBCC will: take responsibility to learn material, participate in class, advocate for their needs, and know the rules. Students must follow all lawful directions of staff. Students must provide identification when requested by staff. Students must respect the learning space. Students must interact with everyone in a civil way.

Students will follow safety rules. Students will be honest in work and interactions.

Students will use equipment properly and return equipment on time. Students will follow all college rules and all state and federal laws.

LBCC Comprehensive Statement of Nondiscrimination

LBCC prohibits unlawful discrimination based on race, color, religion, ethnicity, use of native language, national origin, sex, sexual orientation, marital status, disability, veteran status, age, or any other status protected under applicable federal, state, or local laws. (For further information <http://po.linnbenton.edu/BPsandARS/>)

Academic Honesty

Because of various pressures to succeed, learners are often tempted to use dishonesty, plagiarism, and cheating to reach their goals. This is considered unethical. Cheating includes copying answers from someone else's paper with or without their knowledge, receiving copies of quizzes, and receiving foreknowledge of test questions. If cheating is suspected by observation of the instructor or fellow learner report to the instructor, a learner may be approached by the instructor. If proof of dishonesty, plagiarism, or cheating is discovered, the academic dean will be informed and the learner may be given a failing grade. Learners have due process rights as outlined in the Student

Handbook ***.In the practice of medicine and the healing arts, dishonesty is especially intolerable as people's lives and health are at stake!***

Basic Needs Statement

Any student who has difficulty affording groceries or accessing sufficient food to eat every day, or who lacks a safe and stable place to live, and believes this may affect their performance in the course, is urged to contact the Roadrunner Resource Center for support (resources@linnbenton.edu , or visit us on the web www.linnbenton.edu/RRC under Student Support for Current Students). Our office can help students get connected to resources to help. Furthermore, please notify the professor if you are comfortable in doing so. This will enable them to provide any resources that they may possess.

[Student Success Resources LINK](#)

[LBCC Virtual Access to Services LINK](#)

Technology Recommendations

ment below. Students who cannot afford these resources can contact the [Roadrunner Resource Center](#) about funding.

*Note to faculty: Include either list of equipment recommendations below, based on anticipated instructional needs. For information to help you make that choice, consult this document on [student technology recommendations](#).

Standard equipment recommendation

Broadband internet

- A computer with 256g SSD, 8G RAM, i5 6th gen processor (or equivalent functionality)
- Device with a microphone and speaker
- Device with a camera
- Students can consult [Standard Recommendation 1](#) or [Standard Recommendation 2](#) if they are looking for a product recommendation

Minimum equipment recommendation

- A wifi hotspot
- A computer with 128g SSD, 4G RAM, i3 6th gen processor (or equivalent functionality)

- Device with a microphone and speaker
- Device with a camera
- Students can consult [Minimum Requirement 1](#) if they are looking for a product recommendation