

CLASS NUMBER AND NAME: MDN164B EKGs AND CAPILLARY PUNCTURE
SKILLS LAB A

TOTAL HOURS/UNITS: 24 HOURS 1.0 UNIT

PREREQUISITES: Completion or concurrent enrollment in MDN164A EKGs and Capillary Puncture

TEXTS AND MATERIALS: *Cengage's Comprehensive Medical Assisting; Administrative and Clinical competencies 6th Edition, Lindh, Tamparo, Dahl, Morris & Correa 2018 Text (ISBN 9781305964792) and Workbook (ISBN 9781305964853)*
Study guides (provided by instructor), E-Library and internet

CLASS DESCRIPTION: The lab class is used to practice and demonstrate the skills covered in MDN164A including EKGs, collection of capillary blood specimens, and use of the ultrasound equipment. Students will “check-off” on lab procedures according to preset standards. The use of correct documentation and reporting of laboratory procedures will be practiced.

CLASS OBJECTIVES: To demonstrate correct procedure in performing an electrocardiogram and patient preparation.

To demonstrate ability to perform a finger stick using a sterile lancet.

To demonstrate ability to perform a capillary blood test

To demonstrate the ability to perform a therapeutic ultrasound.

CLASS FORMAT OVERVIEW: The class is a laboratory class with combination of demonstration by the instructor and student participation. The instructor will demonstrate skills and the students will practice and “check-off” on required skills.

Lab procedures are graded pass or fail; such procedures must be passed in order to successfully complete the course

METHODS OF INSTRUCTION: Demonstration by the instructor and supervising and assisting students practicing the skills. Instructor supervises and checks-off completed clinical procedures.

CLASS ATTENDANCE:

It is expected that each student will be in class when class begins. Should the student come in later than five minutes after class begins, he or she should be certain that the instructor has noted his or her presence in class. It will then be up to the instructor to decide if the student had arrived in time to be counted as present – the instructor’s decision will be final.

It will be the student’s responsibility to learn of any assignments given in class when absent.

Students out of uniform will be subject to the uniform contract grading policy.

80% attendance is mandatory;
90% or above is mandatory for those who are in a full program and qualify for the Internship.

TESTING:

Lab procedures are graded PASS OR FAIL. Such procedures must be passed in order to successfully complete the course. Each student is required to complete 5 hematocrit, 5 hemoglobin, 5 fasting blood sugar/random blood sugar. Perform and mount a minimum of 5 EKG to 100% accuracy. Perform and document a minimum of three ultrasound treatments. Students are required to perform all procedures to 100% satisfaction of the instructor to successfully complete the course.

LATE TESTING:

A 10 PERCENT PENALTY WILL BE ISSUED FOR ALL LATE TESTS. If you are not present the day of the test and have not made arrangements with the instructor to take the test early, you will automatically be given the 10 percent penalty. (Late tests start with a “B” -minus 10 %) Late homework will receive 1% off the final grade per class period that it is late.

GRADING POLICIES:

The final grade for this lab portion is completion of all required procedures to the satisfaction of the instructor:

ALL LAB TESTS MUST BE DEMONSTRATED TO 100% ACCURACY OF THE INSTRUCTOR ON FINAL CHECK-OFF AND ARE GRADED PASS OR FAIL.

IF A STUDENT FAILS TO TAKE A TEST OR COMPLETE REQUIRED PROCEDURES DURING THE MODULE, THE CLASS GRADE WILL BE LOWERED BY ONE LETTER GRADE.

ANTICIPATED LEARNING
OUTCOMES:

Upon completing this course, the student will be able to:

Given proper equipment and within a reasonable amount of time (2 to 5 minutes unless specified otherwise):

1. Demonstrate with 100% accuracy, the procedure for placing EKG leads and running an EKG on a surrogate patient to 100% accuracy of the instructor.
2. Provide an ultrasound treatment to a surrogate patient to 100% satisfaction of the instructor.
3. Perform. Read, and chart the following with 100% accuracy:
 - Capillary blood specimen
 - Hematocrit
 - Hemoglobin
 - Fasting/random blood sugar test.
4. Perform vital signs such as Temperature, Pulse, Respiration, and Blood Pressure to 100% satisfaction of the instructor.
5. Achieve a 100% on a charting scenario.

MDN164 EKG AND CAPILLARY PUNCTURE

Week				
Week 1	Class introduction	EKG Machine Videos	EKG Lead Placement Demo	Begin EKG's
Week 2	EKG	EKG	EKG Ultrasound	EKG
Week 3	Capillary Puncture Hematocrit	Hemoglobin Demonstration	Capillary Puncture	Capillary Puncture
Week 4	Capillary Puncture	Capillary Puncture	Blood Glucose Testing	Blood Glucose Testing
Week 5	Throat Cultures	Throat Cultures	Eye & Ear Irrigation	Eye & Ear Irrigation
Week 6	Check offs	Check offs	Check offs	Check offs

This is an approximate schedule and is subject to change at the instructor's discretion. The student is responsible for any missed information and handouts due to absence.

Homework includes familiarizing yourself with the Calendar and Syllabus, textbook reading assignments, and study guide homework plus reviewing skills videos at www.empirestudent.com, as well as completing quiz reviews when appropriate to augment learning. Expect homework study time to vary but it will be at least two hours per week for every credit hour. The time spent in preparation for or reflection on course lecture will approximate two hours outside of class for each lecture credit hour utilized by the instructor in delivery of the materials and ¼ hour outside of class for each hour of structured lab time.