

CLASS NUMBER AND NAME: MD164B EKGs AND CAPILLARY PUNCTURE SKILLS
LAB A

TOTAL HOURS/UNITS: 25HOURS 1.0 UNIT

PREREQUISITES: Completion or concurrent enrollment in MD 164 A EKGs
and capillary puncture

TEXTS AND MATERIALS: *LWW Comprehensive Medical Assisting* (Text and
workbook), 3rd edition, Kronenberger, Durham, Woodson,
2008

Study guides (provided by instructor)

CLASS DESCRIPTION: The lab class is used to practice and demonstrate the skills
covered in MD164 including EKGs, blood specimens, and
use of the ultrasound equipment. Students will “check-off”
on lab procedures on skill sheets. 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

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
check-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 externship.

TESTING:

The student must satisfactorily complete all tests, exercises, and homework with a passing grade of 70% or better. 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. 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 %)

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 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. Demonstrate the proper method of mounting the EKG to 100% satisfaction of the instructor.
4. Perform. Read, and chart the following with 100% accuracy:
 - Capillary blood specimen
 - Hematocrit
 - Hemoglobin
 - Fasting/random blood sugar test.
5. Perform vital signs such as Temperature, Pulse, Respiration, and Blood Pressure to 100% satisfaction of the instructor.
6. Achieve a 100% on a mock charting scenario.