

**Course Outcomes Guide  
Spring 2016**

**Course/Program Title:** MAP 205 Diagnostic Procedures for the Medical Assistant

**Date:** 5/25/16 FA 2015 and SP 2016 Semesters

**Course/Program Team:** Melanie Rowland

**Expected Learning Outcomes:**

1. Identify and justify the importance of respecting cultural, religious, and age related values and beliefs.
2. Demonstrate clinical competency by achieving a minimum score of 80% for each required clinical competency.
3. Utilize all standard precautions and comply with all waste disposal requirements during the performance of CLIA waived tests.
4. Demonstrate ability to utilize appropriate oral, written, and electronic communication skills for patient care, documentation, and education.
5. Demonstrate ability to recognize and address normal and abnormal test results for physician notification per policy.
6. Employ knowledge of quality assurance requirements of CLIA waived testing including documentation and reporting.

**Assessment**

Course completion: Number passing at 75% or greater.

Course Outcomes: Common final exam for item analysis:

CO #1 Questions (Non-English speaking; elderly)

CO #3 Questions (Universal Precautions; MSDS sheets)

CO #4 Questions (Documenting results; interpreting results)

CO #5 Questions (Abnormal EKG; Diabetic Testing; Cardiac Symptoms))

CO #6 Questions (Quality Control and Assurance)

Clinical Competencies: Number passing with an average score of 75% or greater.

## Validation

### Course Completion:

Completion of course with an average grade of 75% or greater.

### Course Outcomes:

75% of students will correctly answer final exam questions

75% of students will achieve an average score of 75% for clinical competencies

## Results

### Course Completion: N=20

100% (20/20 students) completed course with a grade of 75% or greater.

### Course Outcomes: Clinical Competencies (N=20)

100% (20/20 students) satisfactorily completed all laboratory competencies with a grade of 75% or greater.

### Course Outcomes: Final Exam questions (N=20)

CO #1 Question (Non-English speaking)	90% correct
CO #1 Question (Elderly Pt)	95% correct
CO #3 Question (Universal Precautions)	75% correct
CO #3 Question (MSDS sheets)	75% correct
CO #4 Question (Documenting results)	75% correct
CO #4 Question (Interpreting results)	100% correct
CO #5 Question (Abnormal EKG results)	96% correct
CO #5 Question (Diabetic testing)	42% correct
CO #5 Question (Cardiac Symptoms)	42% correct
CO #6 Question (Quality Control & Assurance)	100% correct
CO #6 Question (Quality Control & Assurance)	100% correct
CO #6 Question (Quality Control & Assurance)	90% correct

## **Follow-up**

There has been limited improvement in the students' ability to correctly process and answer critical thinking questions. We will continue to utilize the Moodle Forum function to introduce critical thinking scenarios to students throughout the semester and to incorporate critical thinking scenarios with each chapter test and on homework assignments so the students can be better prepared for the final exam critical thinking questions. More in class discussion and scenario analysis will also be included.