

**Common Course Outline**  
**PAST 231**  
**Diagnostic Studies II**  
**2 Credits**

**The Community College of Baltimore County**

**Description**

Diagnostic Studies II

Prepares students to perform and interpret basic diagnostic and laboratory tests; emphasizes those tests necessary to assess complaints common to the ambulatory, hospitalized and emergency medicine patient.

**Overall Course Objectives**

At the conclusion of the course the student will be able to:

- A. Distinguish normal from abnormal laboratory findings;
- B. Define the significance of abnormal findings;
- C. List those tests which characterize specific disease processes;
- D. Explain the results of laboratory tests;
- E. Identify appropriate laboratory and diagnostic tests for given history and physical findings; and
- F. Provide a differential diagnosis based on history, physical exam and laboratory findings.

**Major Topics**

- A. Urinalysis
- B. Microbiology
- C. Hematology
- D. Serology
- E. Blood Bank
- F. Chemistry

**Course Requirements**

Methods of Evaluation:

- A. Written examination
- B. Class participation

**Other Course Information**

Methods of Instruction:

- A. Lecture
- B. Demonstration
- C. Audiovisual Presentations