

Common Course Outline
PAST 220
Medicine I
2 Credits

The Community College of Baltimore County

Description

Medicine I

Prepares the physician assistant student for management of disease in the adult patient; presents the disease process, diagnostic criteria and management options; includes lectures and case-based learning; the first of four courses.

Overall Course Objectives

The student will be able to:

- A. Discuss the normal structure and function of the systems involved;
- B. Describe the presenting signs and symptoms of the disease entity;
- C. Relate the presenting signs and symptoms to the pathophysiologic mechanism of the disease;
- D. Discuss the appropriate adjunctive laboratory or clinical procedures necessary to affirm the diagnosis;
- E. Explain how these tests affirm the diagnosis;
- F. Formulate a differential diagnosis of at least three alternative disease entities;
- G. Synthesize a management plan to reduce, palliate, or cure the disease entity;
- H. Relate the disease entity along with the proposed treatment to the psychosocial welfare of the patient;
- I. Discuss specific treatment plans for each clinical entity, including appropriate medications, dosages, physical therapeutics, ongoing diagnostic studies and as appropriate hospital or out patient or home management;
- J. Communicate this information to an instructor in a objective format e.g. examination, oral case presentation, POMR, SOAP, comprehensive data base, etc; and
- K. Describe health promotion and disease prevention aspects of the illness.

Major Topics

- A. Approach to the Patient
- B. Review of Diagnostic Process
- C. Homeostasis
 1. Water metabolism
 2. Sodium metabolism
 3. Potassium metabolism
 4. Fluid replacement
- D. Fluid and Electrolyte Balance
 1. Review of renal physiology
 2. Renal control of acid base balance
 3. Pulmonary control of acid based balance
- E. Nutrition
 1. Maintenance of adequate nutritional status in the well patient
 2. Maintenance of adequate nutrition in the post-operative patient
 3. Nutrition and healing

4. Common nutritional disorders
5. Anorexia Nervosa/Bulimia

Course Requirements

Methods of Evaluation:

- A. Objective Testing

Other Course Information

Methods of Instruction:

- A. Lecture
- B. Case based discussion