



# Wayne County Community College District

## COURSE SYLLABUS

### BIO 252 Pathophysiology

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**CREDIT HOURS:** 4.00

**CONTACT HOURS:** 60.00

**COURSE DESCRIPTION:**

This course is designed to introduce mechanism and manifestation of different human diseases. The basic science of pathology is concerned with the etiology and pathogenesis of disease. Essential information is provided for understanding the diagnosis of disease in the clinical setting.

**PREREQUISITES:** BIO 250

**EXPECTED OUTCOMES:**

*Upon completion of the course, the student will:*

1. Understand the 2 types of pathology --general and systemic.
2. Understand how the body responds to injurious agents in both a general and systemic way.
3. Understand various stimuli affecting homeostasis and leading to disease.
4. Understand the etiology, pathogenicity and treatment of the disorders of the:
  - a. General pathology
  - b. Immune system
  - c. Hematology system
  - d. Digestive system
  - e. Cardiovascular system
  - f. Respiratory system
  - g. Fluid and electrolytes
  - h. Renal system
  - i. Nervous system
  - j. Endocrine system
  - k. Female reproductive system
  - l. Male reproductive system
  - m. Musculoskeletal and connective tissue
  - n. Dermatologic system

**ASSESSMENT METHODS:**

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

**GRADING SCALE:**

90%-100% = A  
80%-89.9% = B  
70%-79.9% = C  
60%-69.9% = D  
<60% = E