COURSE DESCRIPTION

Pathophysiology is a four-course series that presents the fundamentals of biophysiological processes as they relate to the development of diseases and their manifestations.

Pathophysiology II covers the study of the etiology, pathologic mechanisms, and sequelae of disease processes involving the following Systemic and Organ systems:

1. Musculoskeletal Function and Rheumatology / Autoimmune Disease
2. Diseases of the Reproductive System

LEARNING OBJECTIVES

Upon completion of this course the student will be able to:
- recognize common disorders of the circulatory, respiratory and renal systems
- explain major disease mechanisms of the above systems
- describe the pathologic changes of the above disorders

COURSE PREREQUISITIES

Pathophysiology I

REQUIRED TEXTS


RECOMMENDED TEXTS


Reference Text


COURSE REQUIREMENTS

Out-of-Class Work
To successfully complete the program, students need to plan studying a minimum of 2 hours out-of-class for each academic in-class hour; and half an hour out-of-class for each hour of clinical training.

50% = Mid-Term Examination
50% = Final Examination

Classroom lectures represent the instructor’s emphasis and focus on certain aspects of the course material. The student is responsible for the assigned readings.

GRADING SCALE: 100-90% A, 89-80% B, 79-70% C, 69% and below F

SPECIAL NOTES

**Professionalism and Full and Prompt Attendance:** To pass any course (separate from academic performance) all students must meet requirements for professionalism in coursework. Professionalism includes full and prompt attendance: Students who miss more than 2 class meetings in a 10-week course will earn an F in that course. Additionally, students who arrive more than 15 minutes to class or leave class before it ends will be marked tardy. Two tardies equal one absence. NOTE: Students who leave and return to class late from a break or leave during the class (especially if this is repeated) or who disrupt the class in other ways may be referred to the Academic Dean for
professionalism.

CLASS ONE
(Skeletal Growth Disorders,
Metabolic Bone Diseases
Porth - Chapter 46)

CLASS TWO
(Rheumatic Disorders
SLE, RA, PSS
Porth - Chapter 47)

CLASS THREE
(Rheumatic Disorders (continued)
Myofacial Pain Syndromes
Fibromyalgia
Porth - Chapter 47)

CLASS FOUR
(Male Reproductive System & Genitourinary Disorders
Porth - Chapter 48,49)

CLASS FIVE
(Mid-term Examination)

CLASS SIX
(Female Reproductive System & Genitourinary Disorders
Porth - Chapter 50,51)

CLASS SEVEN
(Female Reproductive System (continued) & Sexually Transmitted Diseases
Porth - Chapters 51,52)

CLASS EIGHT
(Stress, Eating Disorders & Obesity
Porth - Chapter 53,54)

CLASS NINE
(Fatigue Syndromes & Temperature Regulation
Porth - Chapter 55,56)

CLASS TEN
(Developmental Processes & Disorders in Children and the Elderly
Porth - Chapter 57,58)

CLASS ELEVEN
(Final Examination)

REFERENCE MATERIAL
FACULTY INFO

Please check with instructor during class to get updated contact info.