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 GU, musculoskeletal system, and nervous systems
- explain major mechanisms of the disorders of the above systems
- explain the mechanisms of clinical signs of the above disorders
- describe the pathologic changes of the above systems

COURSE PREREQUISITIES

Pathophysiology I

REQUIRED TEXTS


Course Manuals: https://emperorswesternscience.wordpress.com (WS274)

RECOMMENDED TEXTS


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.

Module 1 exam = 50%
Module 2 exam = 50%

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

SPECIAL NOTES

No texting or phone use permitted in class. No video recording is permitted under any circumstances.

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 (The syllabus is subject to change at the discretion of the instructor.)
Disorders of Musculoskeletal Function: Trauma, Infection, Neoplasms
Assignment: Porth Ch. 57

CLASS TWO
Rheumatic Disorders
Assignment: Porth Ch. 59

CLASS THREE
Pain & Headache
Assignment: Porth Ch. 18

CLASS FOUR
Disorders of Male GU
Assignment: Porth Ch. 52

CLASS FIVE
Disorders of Female GU
Assignment: Porth Ch. 54

CLASS SIX
Module 1 Exam

CLASS SEVEN
STD/STI
Assignment: Porth Ch. 55

CLASS EIGHT
Alterations of Nutritional Status
Assignment: Porth Ch. 47

CLASS NINE
Alterations in Temp Regulation/ Activity Tolerance & Fatigue
Assignment: Porth Ch. 10/11

CLASS TEN
Sleep and Sleep Disorders
Assignment: Porth Ch. 21

CLASS ELEVEN
Module 2 Exam

REFERENCE MATERIAL
Please contact Dr. Downie with questions at docdownie.emperors@gmail.com
Check for Course notes, materials and Course Manual links at EmperorsWesternScience.wordpress.com

FACULTY INFO
Downie, Patrick
Please check with instructor during class to get updated contact info.
312.569.0747
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Dr. Downie graduated from National College of Chiropractic in Lombard, Illinois in 1996 and pursued additional clinical training in orthopedics and neurology. He was Co-Director of a NIH CAM research grant at Rush University College of
WS274
3 Units
30 Hours

EMPEROR'S COLLEGE
MTOM COURSE SYLLABUS
PATHOPHYSIOLOGY IV

Summer 2018
Downie, Patrick

Nursing, practiced as a staff Chiropractor at Northwestern Medicine's Center for Integrative Medicine, and served as both a professor and Bioscience Department Chair at Pacific College of Oriental Medicine, in Chicago for over a decade. Dr. Downie is an active member of the American Association of Anatomists. Please contact Dr. Downie with questions at docdownie.emperors@gmail.com or text 312.569.0747