
COURSE DESCRIPTION

Presentation of the etiologies, pathogenesis and mechanisms of common disorders of the GI tract, endocrine system, and nervous system.

LEARNING OBJECTIVES

Upon completion of this course a student will be able to:

- recognize common disorders of the GI tract, endocrine 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 disorders of the above systems.

COURSE PREREQUISITIES

REQUIRED TEXTS

Grossman, Sheila C. and Porth, Carol Mattson (2014). ***Porth's Pathophysiology: Concepts of Altered Health States***. Wolters Kluwer Health/Lippincott Williams & Wilkins, 9 th edition. ISBN-13: 978-1451146004

RECOMMENDED TEXTS

Hall, John E, and Arthur C. Guyton (2011). ***Guyton and Hall Textbook of Medical Physiology***. Philadelphia, PA: Saunders Elsevier, 13 th edition. ISBN-13: 978-1455770052

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

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.)
Mechanisms of Endocrine Control
Assignment: Porth Ch. 48 & Course Notes

CLASS TWO
Disorders of Endocrine Control I
Assignment: Porth Ch. 49

CLASS THREE
Disorders of Endocrine Control II
Assignment: Porth Ch. 50

CLASS FOUR
Disorders of GI Function
Assignment: Porth Ch. 45

CLASS FIVE
Disorders of Hepatobiliary & Exocrine Pancreas Function
Assignment: Porth Ch. 46

CLASS SIX
Module 1 Exam

CLASS SEVEN
Disorders of Motor Function
Assignment: Porth Ch. 19

CLASS EIGHT
Disorders of Brain Function
Assignment: Porth Ch.20

CLASS NINE
Disorders of Visual Function
Assignment: Porth Ch. 23

CLASS TEN
Disorders of Hearing/Vestibular
Assignment: Porth Ch. 24

CLASS ELEVEN
Module 2 Exam

REFERENCE MATERIAL
will be provided as necessary

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

Course
Code **WS273**
3 Units
30 Hours

EMPEROR'S COLLEGE
MTOM COURSE SYLLABUS
PATHOPHYSIOLOGY III

Downie, Patrick
Spring 2018

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