

COURSE DESCRIPTION

Presentation of the etiologies, pathogenesis and mechanisms of common disorders of the GI, endocrine system, and nervous system (motor, sensory and special senses).

LEARNING OBJECTIVES

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

1. recognize common disorders of the GI, endocrine and nervous systems
2. explain major mechanisms of the disorders of the above systems
3. explain the mechanisms of clinical signs of the above disorders
4. describe the pathologic changes of the disorders of the above systems

COURSE PREREQUISITIES

Pathophysiology I

REQUIRED TEXTS

Grossman, Sheila C. and Porth, Carol Mattson (2014). ***Porth's Pathophysiology: Concepts of Altered Health States***. Wolters Kluwer Health/Lippincott Williams & Wilkins, 9th 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, 13th edition. ISBN-13: 978-1455770052

COURSE REQUIREMENTS

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 or 1 class meeting in a 7-week course will earn an F in that course. Additionally, students who arrive more than 15 minutes late to class or leave class before it ends will be given ½ absence towards attendance. 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 earn an F in that class and/or 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

FACULTY INFO

Please contact Dr. Downie with questions at docdownie.emperors@gmail.com

Check for Course notes, materials and Course Manual links at EmperorsWesternScience.wordpress.com