

COURSE DESCRIPTION

Presentation of the etiologies, pathogenesis and mechanisms of common disorders of the GU, musculoskeletal system, and nervous system (pain & headache), nutritional status, sleep and temperature regulation disorders.

LEARNING OBJECTIVES

Upon completion of this course a 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 disorders of the above systems

COURSE PREREQUISITIES

Pathophysiology III

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.)

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

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