

COURSE DESCRIPTION:

This course analyzes neurophysiology, the anatomy and physiology of the central and peripheral nervous systems, the autonomic nervous system, and the general and special senses.

LEARNING OBJECTIVES:

The student will learn the structure and function of the human body from the Western viewpoint. A working knowledge of the body systems and their interrelationship to form a functioning organism will be attained over the course series.

COURSE PREREQUISITES:

Anatomy & Physiology I

REQUIRED TEXTS

Marieb, Elaine N. (2012) **Human Anatomy & Physiology**. Pearson Benjamin Cummings Publishers. 9th edition ISBN-13: 978-0321743268 10th edition ISBN-13: 978-0321927040

A&P 3-4 Course Manual – see EmperorsWesternScience.wordpress.com to purchase

RECOMMENDED TEXTS

Standing, S., & Gray, H. (2008). **Gray's Anatomy: The anatomical basis of clinical practice**. 40th edition Edinburgh: Churchill Livingstone/Elsevier. ISBN-13: 978-0443066849

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 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.

**EMPEROR'S COLLEGE
MTOM COURSE SYLLABUS
ANATOMY & PHYSIOLOGY IV**

CLASS ONE (The syllabus is subject to change at the discretion of the instructor.)
Fundamentals of the Nervous System and Nervous Tissue
Assignment: Marieb Ch. 11

CLASS TWO
Fundamentals of the Nervous System and Nervous Tissue II
Assignment: Marieb Ch. 11

CLASS THREE
Central Nervous System I
Assignment: Marieb Ch. 12

CLASS FOUR
Central Nervous System II
Assignment: Marieb Ch. 12

CLASS FIVE
Central Nervous System III
Assignment: Marieb Ch. 12

**CLASS SIX
MODULE 1 EXAM**

CLASS SEVEN
Peripheral Nervous System I
Assignment: Marieb Ch. 13

CLASS EIGHT
Peripheral Nervous System II
Assignment: Marieb Ch. 13

CLASS NINE
Autonomic Nervous System
Assignment: Marieb Ch. 14

CLASS TEN
Special Senses
Assignment: Marieb Ch. 15

**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