

EMPEROR'S COLLEGE
MTOM COURSE SYLLABUS
ANATOMY & PHYSIOLOGY IV

COURSE DESCRIPTION

This course analyzes the endocrine system, the central and peripheral nervous systems, the autonomic nervous system, and the general and special senses and their clinical correlations.

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

Shier, D. (2015) **Hole's Human Anatomy & Physiology**, 14th edition. McGraw-Hill Education. ISBN-13: 978-0078024290

Note: Existing A&P students who have already purchased Hole's Human Anatomy & Physiology. 12th edition will be provided with equivalent reading sections and will not be required to additionally purchase the above text.

RECOMMENDED TEXTS

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

Kapit, W., & Elson, L. M. (1993). **The Anatomy Coloring Book**. New York, NY: HarperCollins College Publishers ISBN-13: 978-0321832016

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.

Professionalism and Full and Prompt Attendance: To pass any course (separate from academic performance) all

EMPEROR'S COLLEGE
MTOM COURSE SYLLABUS
ANATOMY & PHYSIOLOGY IV

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.

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

Course
Code **WS208**
3 Units
30 Hours

EMPEROR'S COLLEGE
MTOM COURSE SYLLABUS
ANATOMY & PHYSIOLOGY IV

Downie, Patrick
Spring 2018

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
docdownie.emperors@gmail.com

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