

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

COURSE DESCRIPTION

This course examines the normal physical structures and functions of the pulmonary, cardiovascular, lymphatic and immune systems, genetics 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 PREREQUISITIES

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 1-2 Course Manual – see [EmperorsWesternScience.wordpress.com](http://EmperorsWesternScience.wordpress.com) to purchase

RECOMMENDED TEXTS

Standring, S., & Gray, H. (2008). **Gray's Anatomy: The Anatomical Basis of Clinical Practice**. 40<sup>th</sup> 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.

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CLASS ONE (The syllabus is subject to change at the discretion of the instructor.)

Respiratory System 1  
Assignment: Marieb Ch. 22

CLASS TWO

Respiratory System 2  
Assignment: Marieb Ch. 22

CLASS THREE

Cardiovascular System 1  
Assignment: Marieb Ch. 18

CLASS FOUR

Cardiovascular System 2  
Assignment: Marieb Ch. 18

CLASS FIVE

Lymphatic System  
Assignment: Marieb Ch. 20

**CLASS SIX**

**MODULE 1 EXAM**

CLASS SEVEN

Blood 1  
Assignment: Marieb Ch. 17

CLASS EIGHT

Blood 2  
Assignment: Marieb Ch. 17

CLASS NINE

Immune System 1  
Assignment: Marieb Ch. 21

CLASS TEN

Immune System 2  
Assignment: Marieb 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](mailto:docdownie.emperors@gmail.com)

Check for Course notes, materials and Course Manual links at [EmperorsWesternScience.wordpress.com](http://EmperorsWesternScience.wordpress.com)