

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

COURSE DESCRIPTION

This course details the normal structure, function and clinical correlations of the renal, reproductive, and digestive systems, including associated areas of metabolism, electrolytes and growth and development.

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

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

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.)

Urinary System 1

Assignment: Marieb Ch. 25

CLASS TWO

Urinary System 2

Assignment: Marieb Ch. 25

CLASS THREE

Water, Electrolyte, And Acid-base Balance

Assignment: Marieb Ch. 26

CLASS FOUR

Male Reproductive System

Assignment: Marieb Ch. 27

CLASS FIVE

Female Reproductive System

Assignment: Marieb Ch. 27

CLASS SIX

Module 1 exam

CLASS SEVEN

Human Growth and Development

Assignment: Marieb Ch. 28

CLASS EIGHT

Digestive System 1

Assignment: Marieb Ch. 23

CLASS NINE

Digestive System 2

Assignment: Marieb Ch. 23

CLASS TEN

Nutrition and Metabolism

Assignment: Marieb 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