

EMPEROR'S COLLEGE
MTOM COURSE SYLLABUS
ANATOMY & PHYSIOLOGY I

COURSE DESCRIPTION

This is one of four Anatomy and Physiology courses and is the prerequisite for the remaining courses in this series.

Anatomy and Physiology I examines the normal structure and function of the human Integumentary and Musculoskeletal Systems at the gross and intrastructural levels. It includes a detailed analysis of muscle actions, innervations, and clinically relevant origins and insertions.

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

None

REQUIRED TEXTS

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

Human Anatomy and Physiology, Hole, 12th edition. Brown, Dubuque, 2010.

Kapit Anatomy Coloring Book, 3rd Edition, Cummings, Boston, 2002

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

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.

Class Attendance = 10%

Coloring Book = 10%

Mid-term Exam = 40%

Final Exam = 40%

Minimum score to pass = 70%

Classroom lectures represent the instructor's emphasis and focus on certain aspects of the course material. The student is responsible for the assigned readings. Exams will include material from both the lecture AND the assigned readings.

GRADING SCALE: 100-90% A, 89-80% B, 79-70% C, 69% and below F

SPECIAL NOTES

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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 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 marked tardy. Two tardies equal one absence. 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 be referred to the Academic Dean for professionalism.

CLASS ONE (The syllabus is subject to change at the discretion of the instructor.)
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1. Introduction
2. Human Body: Orientation
3. Cells – part 1

Assignment: Marieb Ch 1-3

CLASS TWO

1. Cells – Part 2
2. Tissues

Assignment: Marieb Ch. 3-4

CLASS THREE

1. Integumentary System

Assignment: Marieb Ch. 5

CLASS FOUR

1. Bones & Skeletal Tissue
2. Joints & Movement

Assignment: Marieb Ch. 6, 8

CLASS FIVE

1. Axial Skeleton
2. Appendicular Skeleton

Assignment: Marieb Ch. 7

CLASS SIX

MIDTERM EXAMINATION

CLASS SEVEN

1. Muscle Tissue 1

Assignment: Marieb Ch. 9

CLASS EIGHT

1. Muscle Tissue 2

Assignment: Marieb Ch. 9

Course Code **WS205**
3 Units
30 Hours

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Stevens, Denise
Fall 2019

CLASS NINE

1. Muscular System 1 - Axial

Assignment: Marieb Ch. 10

CLASS TEN

1. Muscular System 2 - Extremities

Assignment: Marieb Ch. 10

CLASS ELEVEN

FINAL EXAMINATION

REFERENCE MATERIAL

Will be provided as necessary

FACULTY INFO

Stevens, Denise

Please check with instructor during class to get updated contact info.

dr.denise.stevens@gmail.com