

HUMAN ANATOMY AND PHYSIOLOGY II – BIO 212

TEXT: Human Anatomy and Physiology by Elaine Marieb

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GRADING CRITERIA:

100% of your grade is based on tests directly related to lecture material

- tests will be given in class and will consist of multiple choice, fill-in, matching and essay type questions
- there will be 4 exams given throughout the semester and an optional cumulative final
- no one is allowed to leave the room during an exam
- once any student has handed in their exam and left the room, no one else will be permitted to begin their exam
- it is the student's choice whether he/she wishes to take the cumulative final exam. If this final exam is completed, the student's lowest test of the 5 exams will be dropped
- if you are unable to take an exam for any reason, you will be eligible to take a make-up exam. Unless other arrangements are made, all make-up exams are given directly following the optional final exam and are in an essay format.
- it is the student's responsibility to obtain the material from missed lectures
- any student caught cheating during an exam will be taken before the student conduct committee for appropriate action

COURSE OBJECTIVES:

At the completion of the course, the student will be able to:

- describe using proper terminology the overall structure/function relationship of the major body systems
- explain how homeostasis maintains body function by dynamic counterbalancing forces
- identify the major anatomical and histological features of the eleven organ systems
- critically analyze the interrelationships of the organ and organ systems
- explain the progression of structural levels from chemical compounds to organ systems

SYLLABUS FOR BIO 212

(subject to change)

<u>TOPIC</u>	<u>CHAPTER(S) IN TEXT</u>
Blood	17
Heart	18
Arteries	19
Veins	19
Cardiovascular Physiology	18,19
Respiratory Anatomy	22
Respiratory Physiology	22
Urinary System	25
Fluids, Electrolytes and Acid-Base Balance	26
Digestive System	23
Endocrine System	16
Male Reproductive System	27
Female Reproductive System	27
Genetics	29