BIO 3413.003 General Physiology Fall Semester 2007 T-Th 3:30-4:45 SB 2.02.10

Professor: Matthew Gdovin, Ph.D.

Office hours: Tuesday and Thursday, 2:00-3:00 or by appointment in Bioscience Building 1.03.26
Office phone: 458-5768 (voicemail) Lab phone: 458-4275

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When emailing me you **MUST** put "BIO 3413" in the subject line of the email. Do not type any other characters, as I cannot open email if the subject line has certain unauthorized characters.

Textbook: *Principles of Anatomy and Physiology* Tortora and Grabowski or Tortora and Derrickson (9, 10, or 11th editions.)

Prerequisite: BIO 1203 (Biology I), 1223 (Biology II), 1212 (Laboratory Investigations in Biology), CHE 1303 (Chemical Principles) and PHY 1623 (General Physics II); MAT 1093 (Precalculus) is recommended.

Course Outline: *"Fundamental properties and processes in living systems. Concurrent enrollment in BIO 3422 is recommended." (p. 342 UTSA Undergraduate Catalog).* Key concepts of physiology will be described and their application in relation to endocrinology, neurophysiology, autonomic function, muscle mechanics, cardiovascular, respiratory and renal physiology will be discussed.

Grading: Three non-cumulative exams will be administered to determine 100% of your grade for this course.
Exams will be weighted as follows:
Highest score = 40% Median score = 35% Lowest score = 25%

You are eligible to receive **extra credit** by the following mechanisms:
1. Online quizzes - You will have the opportunity to take an online quiz through your WebCT account. You will be informed prior to the quiz, when you are to take the quiz. These quizzes will be given to provide you an idea of the type of exam questions you can expect to encounter. These quizzes will be administered randomly throughout the semester.
2. Extra credit questions will appear on each exam.
There will be **no** extra credit awarded other than those listed above.

Your final letter grade will be assigned using the following scale:
A = 90 -100 B = 80- 89 C = 70-79 D = 60- 69 F = 60- 0

Examination Schedule:
This is a tentative examination schedule. The exact dates of your exams may change, however, every effort will be made to adhere to the following schedule:

Exam #1- Thursday, September 20, 2007
Exam #2- Tuesday, October 23, 2007
Final Exam- Friday, December 7, 2007: 10:30 AM - 1:00 PM

Additional Information:
If you must miss an exam because of a medical/family illness you **must** provide written evidence by an attending professional. If you anticipate missing an exam for a personal reason please schedule an appointment to see me as soon as possible to determine if a make-up exam is warranted. Make-up exams will include essay questions. Every attempt will be made to adhere to the following tentative schedule. Attendance will not be monitored but recommended.

Scholastic Dishonesty will not be tolerated. *"Scholastic dishonesty includes but is not limited to, cheating on a test or other class work, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts."*