

HUMAN ANATOMY AND PHYSIOLOGY I (BIOL. 213)

LECTURE SYLLABUS, Spring, 2007

**Instructor: Dr. Vonnie D.C. Shields, Office- Smith 345, ext. 43130
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**Office hours: Mond. 3:30-4:30 p.m (Rm. 345 or 377); Tues. 11 a.m-12 p.m.
(Rm. 377); Tues. 12-1 p.m. (Rm. 345) or by appointment**

Lectures held in Smith Hall Rm. 356 (T, Th 9:30 a.m.-10:45 a.m.)

Course web site: <http://bbweb.towson.edu>

<u>Week</u> <u>Beginning</u>	<u>Lecture Topic</u>	<u>Chapter(s)</u>
Jan. 30	Introduction, levels of organization	1
	Epithelial and glandular tissue	4
Feb. 6	Connective tissue, muscle tissue, and neural tissue	4
	Integumentary system and accessory structures (start)	5
Feb. 13	Integumentary system (cont'd)	5
	Osseous tissue, formation and growth of bones	6
Feb. 20	Articulations	9
	EXAM 1 (Feb. 22)	
Feb. 27	Neurons, neuroglia, neurophysiology (start)	12
Mar. 6	Neurophysiology (cont'd)	12
Mar. 13	Synaptic activity, information processing	12

Mar. 20	Spring break; no lectures	
Mar. 27	EXAM 2 (March 27) Spinal cord anatomy, spinal nerves, neuronal pools	13
April 3	Reflexes, sensory pathways, somatic nervous system	13, 15
April 10	Autonomic nervous system	16
April 17	Special Senses EXAM 3 (April 19)	17
April 24	Skeletal muscle (functional anatomy/organization)	10
May 1	Muscle physiology (start)	10
May 8	Muscle physiology (cont'd)	10
May 15	Embryonic development; last day of classes	29

First Lecture Exam: Thursday, February 22

Second Lecture Exam: Tuesday, March 27nd

Third Lecture Exam: Thursday, April 19th

FINAL LECTURE EXAM: Tuesday, May 22nd (10:15 a.m.-12:15 p.m.; Rm. 356)

Lecture texts: -Martini, F. H. 2006. Fundamentals of Anatomy and Physiology. Prentice Hall. Seventh Edition

-Anatomy and Physiology Lecture Book I; Shields, Vonnie D.C.; Pearson Education, Inc., as Benjamin Cummings, 2005 (ISBN 0536851271).

*** If you choose not to purchase this book, it will be available online for you to print out. You must decide to print it out, you must turn in all pages to receive credit (see** below under “Grading”).**

Test Sheets: You will need to purchase four Pearson NCS Test Forms, 50/W, Form #95946 for the exams. These are available at the Towson University bookstore.

Lecture notes, syllabus, notes, and diagrams will be posted online on Blackboard.

Cheating Policy: Anyone caught cheating will receive the grade of "0" on the exam in question and forfeits the privilege of erasing that grade by taking the final exam. Academic Affairs will also be notified and a letter documenting the incident will be placed on permanent record.

Student Conduct: In fairness to everyone enrolled in this course, it is critical that the best possible learning atmosphere be maintained in both the classroom and laboratory. Please enjoy your experience in Human Anatomy and Physiology II and get the most benefit from the course you can. At all times, however, be respectful of the rights and feelings of others. **Boisterous or disruptive behavior of any kind will not be tolerated. CELL PHONES MUST BE TURNED OFF DURING LECTURES AND EXAMS. DO NOT ARRIVE LATE TO LECTURES OR EXAMS.**

Grading: Grading will be based upon scores earned on the four lecture exams (final exam included), completion of lecture book, and three laboratory exams (see lab schedule).

	<u>Maximum Points Possible</u>
First lecture exam	100
Second lecture exam	100
Third lecture exam	100
Final Exam	100
First laboratory exam	100
Second laboratory exam	100
Third laboratory exam	100
Anatomy and Physiology Lecture Book I	<u>10</u>
Total points	710

At the conclusion of the course, each student’s total point accumulation will be determined and converted to a percentage by comparison with the maximum total points possible (**710**).

**** On the day of the final exam, you will be required to hand in your “Anatomy and Physiology Lecture Book I.”** I will evaluate your book and assign you a grade (0-10 points). Grading will be based on how thorough you have been in filling in the required information, in addition to writing additional notes, etc. Following my evaluation, you can request to have your book returned to you.

Percentage cut-offs for letter grades: A = 92-100%; A- = 89-91.9, B+ = 86-88.9; B = 82-85.9%; B- = 79-81.9; C+ = 76-78.9, C = 70-75.9,%; D+ = 66-69.9, D = 60-65.9, F = <60%.

Quizzes: There will be **several** unannounced quizzes given during the **lecture periods**. These quizzes will count as extra bonus points and are **in lieu of** extra credit. No make ups will be given.

Make-up Policy For Missed Lecture Exams: If the student has a **valid excuse** that is **justifiable within Towson University policy guidelines** (i.e. medical, death of immediate family member) as to why he/she cannot write the exam, the student **will be allowed to write a make-up exam during the week of final exams**. The student must **notify me within 24 hours after missing the exam** (telephone, voicemail, e-mail) and **provide me with a copy of valid documentation**.

Lecture note: You are **strongly encouraged** to attend **every** lecture. Students who miss lecture regularly usually **fail** the course. If you cannot attend lecture regularly, you should drop the course before the end of the add/drop period.

See **laboratory syllabus** for details concerning the laboratory expectations.

Aim of this course: Biology 213 (Anatomy and Physiology I) is the first of a two-part course about the structure and function of the human body. This course will cover topics, such as the chemical, cellular, and tissue levels of organization, integumentary system, axial and appendicular skeletons, articulations, nervous system, muscular system, and embryonic development. It is meant to provide the student with a foundation for later study in health care, exercise physiology, and other fields related to health and fitness.