

Instructor: Melissa Smull, DPT

Time: Monday, 7:00-9:30

Telephone: 610-606-4666, ext. 3515, option 1

Room: OBK 1

Email: mcsnull@cedarcrest.edu

Office Hours: OBK 4, by appointment

I. Description:

This course is designed to give the student an in-depth look at the integumentary, skeletal, muscular, and nervous systems. There is also a focus on human body orientation, chemistry, cells, tissues, and special senses.

II. Objectives:

1. Given 50 questions regarding human body orientation and chemistry, the student will correctly identify the answers at a level of 73% or above.
2. Given 50 questions regarding cells and tissues, the student will correctly identify the answers at a level of 73% or above.
3. Given 50 questions regarding the integumentary system, the student will correctly identify the answers at a level of 73% or above.
4. Given 50 questions regarding bones, joints, and the skeleton, the student will correctly identify the answers at a level of 73% or above.
5. Given 50 questions regarding the muscles, the student will correctly identify the answers at a level of 73% or above.
6. Given 50 questions regarding the central and peripheral nervous system, the student will correctly identify the answers at a level of 73% or above.
7. Given 50 questions regarding the autonomic nervous system and the special senses, the student will correctly identify the answers at a level of 73% or above.
8. Given 6 quizzes, the students will correctly identify answers at a level of 73% or above.
9. The student will gain an appreciation of scientific writing and be able to write a summary of a scientific paper with 73% or above effectiveness.
10. In class, the student will show respect for other students and the professor 100% of the time.

III. Learning Outcomes/Assessment:

Students will learn correct anatomical language, chemistry, and facts regarding the integumentary, skeletal, muscular, and nervous systems.

Assessment: 4 lecture tests, 1 cumulative final, 6 quizzes, 3 papers.

IV. Required Text:

Elaine N. Marieb, *Human Anatomy & Physiology, Seventh Edition*, Benjamin Cummings, 2007.

V. Course Requirements:

4 non-cumulative exams, each worth 14.29% of your lecture grade.

1 cumulative final worth 14.29% of your lecture grade.

6 quizzes combined worth 14.29% of your lecture grade.

3 papers combined worth 14.29% of your lecture grade.

Lecture is 50% of your overall grade. Lab is the other 50%.

Attendance is expected for all lectures, quizzes, and exams.

There are no make-ups for unexcused, missed quizzes and exams.

All campus policies as described in the *Student Handbook* are to be upheld.

The Cedar Crest Honor Code and Classroom Protocol are to be upheld.

Standard college policy is followed regarding disabilities and special needs.

Plagiarism is unacceptable and will be punished to the full extent in accordance with the college policy.

Biology 117
Anatomy & Physiology
Lecture Schedule
Fall 2008

Week	Topics	Chapters
Aug 25	Overview of A&P, Homeostasis, Anatomical Language	1
Sept 1	LABOR DAY, no class	
Sept 8	Quiz 1 , A&P Chemistry, Biochemistry	2
Sept 15	Quiz 2 , Cells, Tissues	3, 4
Sept 22	Test 1	
Sept 29	Integumentary System, Bones and Skeletal Tissue Paper 1 Due	5, 6
Oct 6	Quiz 3 , Axial & Appendicular Skeleton, Joints	7, 8
Oct 13	FALL BREAK, no class	
Oct 20	Test 2	
Oct 27	Muscles	9
Nov 3	Quiz 4 , Muscles Paper 2 Due	10
Nov 10	Quiz 5 , Fundamentals of the Nervous System and Nervous Tissue	11
Nov 17	Test 3	
Nov 24	Central Nervous System, Peripheral Nervous System	12, 13
Dec 1	Quiz 6 , Autonomic Nervous System, Special Senses Paper 3 Due	14, 15
Dec 8	Test 4	

* **Final TBA**

Students are expected to take the final exam on the day scheduled by the registrar.

Vacations should not be planned prior to the scheduling of the final exam.

* The syllabus and schedule are subject to change at the professor's discretion.