

HUMAN ANATOMY & PHYSIOLOGY 1

LECTURE SYLLABUS

FALL 2009

COURSE ABBREVIATION: BIOL 1611 – 005

CREDIT HOURS: 3

PRE-REQUISITES: CHEM 1151Lec. & Lab; CHEM 1911; or CHEM 1211 Lec. & Lab.; (each with a “C” grade or better).

COREQUISITE: BIOL. 1611 Lab.

PROFESSOR: Dr. P. A. Ahanotu

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COURSE DESCRIPTION:

This is the first of a two-course sequence in Human Anatomy and Physiology designed to meet the requirements for nursing, dental hygiene, physical education and other health science majors. Topics covered include animal cell structure and function, cell chemistry, cell division and metabolism, tissues, integumentary system, skeletal system, muscle system and nervous system.

GENERAL COURSE PURPOSE:

To prepare students for training in the Allied Health Professions.

REQUIRED TEXT

Human Anatomy and Physiology by Marieb and Hoehn, 8th Edition; Pearson / Benjamin Cummings. ISBN: 10: 0-8053-9569-5.

SUPPLEMENTARY TEXT

A summary of each chapter accompanied by few questions is available on my webpage.

IMPORTANT INFORMATION

August 17

All classes begin. All students are encouraged to sign-in on the course on icollege to download the syllabus, read announcements, check email, and check for posted topics for discussion. Failure to do this between the week of August 17th – 23th will result in a “NO SHOW” report for that student.

Weekly

All students are encouraged to sign-in on the course at least 2 - 3 times a week to read emails, participate in posted discussion topics and take available tests.

Tests will be posted every other week (or biweekly). Each test will be set to be available for 48 hours during weekdays; for example each test will be available on a Monday at 8:00 a.m. to close on a Wednesday at 8:00a.m. After the said time, the tests will not be made available again.

Except for the final exam, two test scores out of all the test scores will be dropped. If due to medical reasons, a student failed to take any test, that test score will be one of the dropped scores.

Students should allow 48 hours for an email response from the instructor.

September 7

Labor Day Holiday. Weekly test will be posted on Tuesday instead of Monday

October 6

Student Study Day.

Faculty Professional Development day.

October 12

Midpoint of the semester. Last day to withdraw from the class with a "W".

November 26 – 29

Thanksgiving Holiday

December 4

Last day of class. Final exam will be posted. icollege online final exam will be available for 48 hours for students to complete their final exam.

EXPECTED EDUCATIONAL RESULTS

After completing this course, the student will be able to:

1. Describe, identify and integrate the levels of organization of the human body.
2. Describe, apply, compare and contrast the basic principles of chemistry as they relate to human anatomy and physiology.
3. Recognize, describe, compare and contrast cell structures and their functions.
4. Define, describe, compare and contrast tissue structures and functions.

5. Describe and explain the structures and functions of normal and burned skin.
6. Define, describe, classify, compare and contrast the structures and functions of bones and joints.
7. Identify, differentiate, classify, compare and contrast the structures and functions of muscles.
8. Define, illustrate, identify, compare and contrast the structures and functions of the nervous system.

Course Content / Weekly Chapter Reading and Discussion Schedule

Week	Chapter	Topic
1	1	The Human Body: An Orientation
2	2	Chemistry Comes Alive
3	Exam 1 3	Cells: The Living Units
4	4	Tissues
5	Exam 2 5	Integumentary System
6	6	Skeletal Tissues
7	Exam 3 7-8	Skeleton System / Articulations
8	9	Muscular Tissues
9	Exam 4	Muscular System
10	10 -11	Muscular System Fundamentals of The Nervous System
11	Exam 5 12 -13	The Central Nervous System – Spinal Cord
12	12 -13	The Central Nervous System – Spinal Cord The Peripheral Nervous System
13	Test 6 12	The Central Nervous System - Brain

14	14	Autonomic Nervous System
15	Test 7 15	The Special Senses
16	Final Exam (or test 8)	Cumulative. Chapters 1-15 plus Assessment Questions.

Lecture Evaluation:

- The biweekly tests will be multiple choice questions. Each test questions will be over materials covered in 1 to 3 chapters. The final exam will be the 8th exam; this will be a cumulative exam plus the Departmental Assessment Exam.
- The average of 5 weekly test scores out of 7 plus the scores from the final exam will be used to evaluate students' final grade.
- The final exam will be 20%, while the scores from the biweekly tests will be 80%.

Grades (%)

90 -100 = A

80 – 89 = B

70 - 79 = C

60 - 69 = D

Less 60 = F

Course Withdrawal Policy

- The responsibility for withdrawal from courses rests with the student. Instructors will not withdraw students except as outlined under the automatic withdrawal section of the policy.
- Students are responsible for reading the syllabus and adhering to course policies.
- Specific procedures for completing and submitting an official Withdrawal Form are published in the College catalog and Student Handbook.
- Policies are designed to strongly encourage students to consult with a faculty member or counselor prior to withdrawing. However, within the constraints described, and prior to the midpoint of the course, students have the right to withdraw without anyone's permission, with no academic penalty.
- Prior to the midpoint of the course, (a) Students who officially withdraw from collegiate level (1000 or 2000-level) courses receive a grade of "W".
- Students who withdraw after the mid-point of the total grading period (including final exams) will receive a grade of "WF" unless a hardship withdrawal is approved, as described below.

Hardship Withdrawals

1. Hardship Withdrawals are rare and granted only in extraordinary circumstances.
2. A hardship withdrawal may be requested for all courses in which the student is enrolled (that is, withdrawal from the College) or only for a specific course. For example, a serious medical emergency might require a student to withdraw from all classes for that semester, but a minor medical condition might necessitate withdrawal only from a physical education course or science laboratory section.
3. A request for hardship consideration must be made to the campus Dean of Academic Services as soon as practicable after the hardship occurs, but no later than the seventh week of the following semester. Exceptions may be made for extenuating circumstances.
4. All requests for hardship consideration must be in writing, and include appropriate documentation of the hardship circumstance from a verifiable source (e.g. hospital or court records).
5. All hardship withdrawals must be approved by the Dean of Academic Services in consultation with the department chair(s) and /or faculty member(s) teaching the course(s) for which the hardship withdrawal is being requested. Hardship withdrawals also require review by Financial Aid to determine if any repayment of funds may be required.
6. If the hardship withdrawal is approved, the student will receive a grade of "W" in the relevant course(s) for the term requested.
7. The decision on a hardship withdrawal by the campus Dean of Academic Services will be communicated to the student, faculty member(s), department chair, and the Office of Enrollment and Registration Services.
8. The official date of withdrawal will be the last date the student attended class.
9. If the campus Dean of Academic Services does not approve the hardship withdrawal, the student may appeal to the campus Provost, whose decision is final.

Incomplete

A grade of incomplete is assigned only when the student, for non-academic reasons beyond his/her control, is unable to complete the course at that time. The work completed must be satisfactory to that point (passing). An incomplete must be made up the following semester or it will convert to an "F". A formal petition for the incomplete with documentation must be filed with the science department.

Cheating and Plagiarism:

As stated in the Georgia Perimeter College Catalog, "Cheating" is contrary to the policy of Georgia Perimeter College. "Cheating" includes an attempt to defraud, deceive or mislead the

instructor in arriving at an honest grade assessment. This includes the attempt to change answers on the scantron forms while the test is being reviewed. First incidence of cheating will result in a reduced grade on the test. Second incidence will result in an automatic "F" in the course.

IMPORTANT STATEMENTS

1. **Americans Disability Act statement.**

If you are a student who is defined under the Americans Disabilities Act as disabled and require assistance and support services; please seek assistance through the Center for Disability services. A CDS (Center for Disability Services) counselor will coordinate those services.

2. **Equal Opportunity Statement.** Georgia Perimeter College supports the Civil Rights Act of 1964, Executive Order #11246, Title IX of the Educational Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act. No person shall, on the basis of age, race, religion, color, gender, sexual orientation, national origin or disability, be excluded from participation in, or be denied the benefits of, or be subjected to discrimination under any program or activity of the college. Any individual with a grievance related to the enforcement of any of the above provisions should contact the Assistant Director of Human Resources, Ombudsperson.

3. **Affirmative Action Statement.**

Georgia Perimeter College adheres to the Affirmative Action Policies designed to promote diversity and equal opportunity for all faculty and students.

