

EAST TENNESSEE STATE UNIVERSITY
 COLLEGE OF PUBLIC HEALTH
 DEPARTMENT OF HEALTH SCIENCES
 Anatomy & Physiology I Lab (HSCI 2011) Syllabus

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2011 Fall Semester

Textbook: *Textbook:* Anatomy & Physiology, 7th Edition, by Patton K.T. & Thibodeau G.A.

Lab Meetings: Location: Bldg A019 = **Lamb Hall** (Health) **Lab/Room 235 Time: W, 9:20 – 11:20 am.**

ASSESSMENT OF STUDENT PROGRESS: Student progress in the course will be assessed by lab exams & quizzes, lab attendance and participation.

Grading System: The final overall **COURSE** letter grade is based on the percent of total points possible **EARNED** in both Lecture and Lab, using the following scale:

| | | | | | | | |
|-------------|---------------|-------------|--------------|-------------|--------------|-------------|-----------------|
| | | B+ = | 88-89 | C+ = | 78-79 | D+ = | 67-69 |
| A = | 93-100 | B = | 83-87 | C = | 73-77 | D = | 60-66 |
| A- = | 90-92 | B- = | 80-82 | C- = | 70-72 | F = | Below 60 |

The overall **COURSE** grade will be a weighted average of the total points scored in both lecture and Lab assessments. Lecture scores will contribute 75%; and Lab scores, 25% of the overall course grade.

Where/how to earn points:

- 1. Lab Exams:** There will be *TWO* practical lab exams *valued at 100 points each*. These exams will not be comprehensive - each exam will cover only stated units of study. Models, diagrams, and specimens will be utilized to test the students' understanding of body structures and processes.
- 2. Lab quizzes/assignments:** There will be nine (9) laboratory quizzes ranging from 10 to 15 points each for a total of 100 lab quiz points. The quizzes will consist of labeled pictures of our laboratory specimens and are designed to be practice for the two laboratory exams and as such will be timed, allowing 1 minute per question. One half (1/2) point will be deducted from the students score for every minute the student goes beyond the time limit. The quizzes will be given via the **course Desire-2-learn** site. Each quiz will be posted at 8:00 a.m. on the day preceding the day on which the quiz is due (see course schedule below) and must be completed before the start of lab. Students must work alone on these quizzes, with no outside assistance. Each student is expected to abide by the ETSU code of student conduct. All work submitted for a grade in this course must be the **original** work of the student submitting the material. It is **STRONGLY** recommended that these online quizzes be taken from a computer on campus. If the computer/desire-2-learn system locks up during a quiz it is the students responsibility to **IMMEDIATELY** notify the instructor via e-mail at forsman@etsu.edu
- 3. Video assignments:** Video presentations of our laboratory models can be found in "**The Portal**" under Dr. Forsman's Exciting Educational Entertainment. Each student is **REQUIRED** to view the videos pertaining to the week's laboratory **BEFORE** coming to lab. Some, but not all, of these videos are also available on the ETSU i-tunes site. Any student who **DOES NOT** watch the videos before coming to class will be docked 2 points for the week. Students who opt to use the i-tunes videos must have pre-approval from Dr. Forsman.

Laboratory Model Lists: Lists of the items that students are expected to know on our various lab models are posted in the course d2L site. **It is the student's responsibility to download these lists and bring them to class with them.**

Where/how a student may lose points:

- 1. Cell phone & other personal entertainment electronics usage in class:** Usage (including texting) of these electronics in class is not allowed. They should be turned off during class times. If a student has an emergency situation requiring cell phone usage during class, the student should request prior approval from the instructor. After an initial warning, each time a student's cell phone rings/vibrates/etc. during class, the student will be **penalized THREE points** from their **AVERAGED OVERALL LAB SCORE**. Cell phones may not be used as calculators.
- 2. Tardiness for labs:** Students who habitually come late to lab class will, for each tardy after a final warning, be **penalized FIVE points** from their **AVERAGED OVERALL LAB SCORE**.
- 3. Lab non-attendance: Attendance Policy for Lab sessions** - Only **THREE** absences may be allowed for the Lab sessions. For every Lab session missed thereafter there will be a deduction of **FIVE points** from the student's **AVERAGED OVERALL LAB SCORE**.

Summary of the Grade Record:

| LAB SCORES | | | % LAB SCORE |
|------------|------------|------------|--|
| Lab Exam | Max points | Your Score | = (2 Lab Exam scores + quiz scores - Penalty) ÷ 300)*100 |
| Exam 1 | 100 | _____ | |
| Exam 2 | 100 | _____ | |
| Quizzes | 100 | _____ | |

Exam Dates: Tentative examination dates are listed on the attached schedule. Should any change in the schedule be required, at least *one-week prior notice* will be given before the rescheduled exam.

Lab Exam make-up: There will be only ONE COMPREHENSIVE MAKE-UP EXAM available during the final week of the semester for those cases where a student has missed a scheduled exam for a University approved reason (e.g., verifiable illness, death in the family). Those students who MUST be out of town at the time of an exam due to approved University functions (e.g., athletics, band, etc.) must make arrangements with the instructor in advance.

Exam Review: Exams will be reviewed in class as soon after the exam as possible. After review in class, students have a one-week period to review the exam in my office. Should a student feel a question was not correctly graded; the student is encouraged to request, within the one-week period, a re-grade of the entire exam. After the one-week review period, all scores are final and the exams may not be reviewed again.

Class Visitors: Visitors are permitted only with the prior approval of the instructor. Children are not permitted at any time.

Food & Tobacco Products: No food or tobacco products (any type) are permitted in class.

Special Accommodations for Disability: Students with disabilities should contact the Disabilities Services Office to arrange accommodations and coordinate services. Please let me know of any disability you have and for which you may need special accommodation made for.

Semester Deadlines: Published dates for withdrawal, drop with W, etc. will be rigidly enforced. It is the student's responsibility to be aware of these deadlines.

HSCI 2011 Anatomy & Physiology I Lab Schedule*:

| Wk | Dates | Topic/Event |
|----|--------|---|
| 1 | Aug 31 | Introduction; Terminology of Anatomy; Microscopy |
| 2 | Sep 7 | Histology; Structure of the Skin |
| 3 | Sep 14 | Axial Skeleton – Skull, Vertebral column & Thorax |
| 4 | Sep 21 | Appendicular Skeleton – Pectoral Girdle & Upper limb |
| 5 | Sep 28 | Appendicular Skeleton – Pelvic Girdle & Lower limb |
| 6 | Oct 5 | OPEN LAB |
| 7 | Oct 12 | EXAM 1 |
| 8 | Oct 19 | Brain and Cranial Nerves |
| 9 | Oct 26 | Spinal cord, nerves, plexuses |
| 10 | Nov 2 | Special senses – Eye & Ear; Endocrine System |
| 11 | Nov 9 | Muscles of the Axial skeleton & Muscles of the Upper extremity |
| 12 | Nov 16 | Muscles of the Upper extremity & Muscles of the Lower extremity |
| 13 | Nov 23 | Muscles of the Upper extremity & Muscles of the Lower extremity |
| 14 | Nov 30 | OPEN LAB |
| 15 | Dec 7 | EXAM 2 |
| 16 | Dec 12 | NO LABS – FINAL EXAM WEEK |

*Note: Schedule is subject to change

Quiz due dates: REMEMBER all quizzes are online and will become available at 8:00 a.m. on the day before the quiz is due. All work submitted for a grade in this course must be the **original** work of the student submitting the material.

| <u>Date</u> | <u>Quiz</u> |
|-------------|---|
| 9/14/11 | 10 point quiz over cells, epithelium, and skin due before class begins |
| 9/21/11 | 10 pt quiz over bones of the skull and axial skeleton due before class begins |
| 9/28/11 | 10 pt quiz over bones of the upper extremity due before class begins |
| 10/5/11 | 10 pt quiz over bones of the lower extremity due before class begins |
| 10/26/11 | 10 pt quiz over brain, brainstem, and cranial nerves due before class begins |
| 11/2/11 | 10 pt quiz over spinal cord, peripheral nerves due before class begins |
| 11/9/11 | 15 pt quiz over autonomic nervous system and special senses due before class begins |
| 11/23/11 | 10 pt quiz over muscles of the head/neck and thorax/abdomen due before class begins |
| 11/30/11 | 15 pt quiz over muscles of the extremities due before class begins |

VERY IMPORTANT RESOURCES

Dr. Forsman's web page: <http://faculty.etsu.edu/forsman>. labeled pictures of the laboratory models used for this class can be found on this web site.

Course Desire-2-learn site: I will post grades in the course site. In addition you may find worksheets and crossword puzzles posted in this site.

The "PORTAL" site: All students enrolled in an A&P or Human Anatomy course at ETSU will have access to a tutoring site in the Desire-2-learn system known as "The Portal." This site has many valuable resources such as the book publishers online quizzes, video presentations/descriptions of the models used in our laboratories, and practice quizzes made up of pictures of our laboratory models, to name a few.

Sherrod Library Media Center: the media center is located on the 3rd floor of Sherrod Library. This center has at least 1 of almost all of our laboratory models on reserve. These models can be checked out for a few hours at a time. They cannot be removed from the library and you can only check out 1 model at a time. Remember, these models are placed in the library to assist you in your studying. They ARE NOT a substitute for attending lab. Additionally, often many students want to study these models at the same time. Be aware that you may go to the media center to study a model that is already checked out by another student, so you SHOULD NOT rely on these models being available when you want them.

Models: Models and charts **MAY NOT** be removed from the lab without written permission from the instructor. Anyone caught removing these items from the lab will be subject to university and civil discipline.

Labeled pictures of our laboratory models and bones can be found on the web at: <http://faculty.etsu.edu/forsman>