BSC 2401  
Lab Syllabus  
Fall 2012

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Office Hours: Monday 10am-1pm, Friday 12pm-1pm, Or by appointment

Lab Text: *Human Anatomy & Physiology*, Elaine Marieb, 10th Ed.

**Course Outcome:**

This course is designed to provide a hands-on experience in studying the Anatomy and Physiology of humans. Topics such as lab safety, tissue identification, and the identification of structures and their functions within the context of 11 organs systems will be covered.

You should prepare for each lab class by reading the entire exercise before class. A review sheet will be completed for a grade after each lab and are due by the end of Lab. **Late work will not be accepted.** There will also be a quiz over each lab that will begin five minutes after the scheduled lab has started and will last 15 minutes. If you arrive after the quiz has started, you will not be given extra time and you will be counted tardy. Excessive tardiness will result in points deducted from your grade.

**Attendance and Tardiness:**  
*Attendance is mandatory*

You are expected to attend every lab period. Labs cannot be made up, so unexcused absences will result in a zero for assignments pertaining to that lab period. Excused absences must be documented and deemed acceptable (see below). If an absence is excused, then a make-up assignment will be provided. For every 3 unexcused absences, 10 pts will be deducted from your final grade. The quiz will start about 5 minutes after lab has started and will last about 15 minutes. If you arrive after the quiz has started, you will not be given additional time. Habitual tardiness will result in points being deducted from your final grade. You are also expected to participate in the lab. Failure to participate may result in deductions from your Attendance/Participation grade.

**Grading:**

- Attendance and Participation: 20%
- Lab Review Sheets: 20%
- Lab Practical #1: 20%
- Quizzes: 20%
- Lab Practical #2: 20%
*Tentative Semester Schedule:

Lab Schedule

August 27-31   Lab Safety

September 3-7 Ex 1: The Language of Anatomy
Ex 2: Organ Systems Overview

September 10-14 Ex 3: The Microscope
Ex 4: The Cell: Anatomy and Division

September 17-21 Ex 6: Classification of Tissues

September 24-28 Ex 7: The Integumentary System
Ex 8: Classification of Covering and Lining Membranes

October 1-5 Ex 9: Overview of the Skeleton
Ex 10: The Axial Skeleton
Ex 11: The Appendicular Skeleton
Ex 12: The Fetal Skeleton

October 8-12 Ex 13: Articulations and Body Movements

October 15-19 **Practical 1**

October 22-26 Ex 14: Microscopic Anatomy and Organization of Skeletal Muscle
Ex 15: Gross Anatomy of the Muscular System

October 30-Nov 2 Ex 17: Histology of Nervous Tissue
Ex 19: Gross Anatomy of the Brain and Cranial Nerves

November 5-9 Ex 21: Spinal Cord, Spinal nerves, and the Autonomic Nervous System
Ex 22: Human Reflex Physiology

November 12-16 Ex 23: General Sensation
Ex 24: Special Senses: Vision

November 19-23 No Lab

November 26-30 Ex 25: Special Senses: Hearing and Equilibrium
Ex 26: Special Senses: Olfaction and Taste

December 3-7 **Practical 2**
**Students with Disabilities:**
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

**Office of Student Disability Resources and Services**
Texas A&M University-Commerce
Gee Library- Room 132
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
StudentDisabilityServices@tamu-commerce.edu

**Student Conduct**

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See Code of Student Conduct from Student Guide Handbook).

Cell phones/pagers should be silent during class time; please be considerate of your fellow students. Cell phones used during tests or quizzes or exams will result in zeros for the test or quiz or exam and a whole lotta further administrative action.

Texas A&M University-Commerce does not tolerate plagiarism and other forms of academic dishonesty. Conduct that violates generally accepted standards of academic honesty is defined as academic dishonesty. "Academic dishonesty" includes, but is not limited to, plagiarism (the appropriation or stealing of the ideas or words of another and passing them off as one's own), cheating on exams or other course assignments, using electronic gadgets during a test, collusion (the unauthorized collaboration with others in preparing course assignments), and abuse (destruction, defacing, or removal) of resource material.