

Biology 2457 Human Anatomy and Physiology I Laboratory

Summer Semester 2008

| Instructors | Email | Lab Section | Office | Office Hours |
|-------------|--|------------------------|--------|-----------------|
| K. Mitchell | kerri@uta.edu | 005&004 MW & TTr 10:30 | LS459 | M&Tu 12:30-2:00 |
| C. Roekle | croelke@uta.edu | 002 MW 2-4 | LS470 | |
| B. Fontenot | bfonteno@uta.edu | 003 TTr 2-4 | LS137 | Tu 1-2 & W 1-3 |

Classroom: Life Science (LS) Room 435

Syllabus:

| Dates | Exercises | Review Sheet |
|--------------------|--|--|
| 7/28 - 7/29 | 1: Language of Anatomy 2: Organ System Overview 4: The Cell: Anatomy (only) | Pgs: 11-14 Pgs: 25-26 Omit: #8 Pgs: 49-50 Omit: #5-10 |
| 6/2 - 6/3 | 6: Classification of Tissues 7: The Integumentary System 8: Classification of Covering & Lining Membranes | Pgs: 85-90 Pgs: 101-104 Omit: #12-16 Pgs: 109-110 |
| 6/4 - 6/5 | 9: Overview of the Skeleton 10: The Axial Skeleton 11: The Appendicular Skeleton 12: Articulations | Pgs: 119-122 Omit: #14 Pgs: 139-144 Pgs: 157-163 Pgs: 183-186 Omit: #12-14 |
| 6/9 - 6/10 | Practical I | |
| 6/11 - 6/12 | 14: Microscopic Anatomy & Organization of Skeletal Muscle 15: Gross Anatomy of the Muscular System 16A: Skeletal Muscle Physiology: Frogs & Human Subjects | Pgs: 193-195 Pgs: 227-233 Omit: #13 Pgs: 253-256 Omit: #3-5&8-19 |
| 6/16 - 6/17 | 17: Histology of the Nervous System 19: Gross Anatomy of the Brain & Cranial Nerves 21: Spinal Cord, Spinal Nerves, & ANS 22: Reflex Physiology | Pgs: 265-268 Pgs: 299-304 Omit: #13-14 Pgs: 337-339 Omit: #7-9 Pgs: 351-353 Omit: #8&13 |
| 6/18 - 6/19 | 23: General Sensation 24: Special Senses: Vision 25: Special Senses: Hearing & Equilibrium 26: Special Senses: Olfaction & Taste | Pgs: 361-362 Pgs: 377-382 Omit: #11,12,18,23&30 Pgs: 393-396 Omit: #8-11 Pgs: 403 Omit: #5-10 |
| 6/23 - 6/24 | Practical II | |

Grading: The Laboratory is worth 35% of your class grade

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| Lab Practical Exam I | 125 points |
| Lab Practical Exam II | 125 points |
| Review Sheet | 100 points (12.5 points per assigned exercise) |
| Possible Bonus Points: 20 (Pop Quizzes given at instructors discretion) | |

Laboratory Policies:

1. **Attendance:** Attendance is mandatory. Each student is expected to be on time and to stay the entire duration of the lab period. In rare, documented cases, a student may be permitted to attend a different lab section. **This will require prior approval of the instructor and must be accompanied by proper documentation.**
2. **Textbooks:** Human Anatomy and Physiology Laboratory Manuel, Ed. 9, E. N. Marieb (Pig Version)
3. **Review Sheet:** Review sheets corresponding to chapters are assigned per lab period. These must be completed and handed in at the end of each lab period for credit. Review Sheets may not be handed in late.
4. **Lab Practicals:** There will be 2 practical exams worth 125 points each. **Please see calendar for dates.** Adjust your schedule accordingly and in advance. It is extremely important that you do not miss a scheduled practical. **There will be no Make-up Lab Practicals.** Students who have an **acceptable documented absence and prior approval by Dr. Henry and your lab instructor, for the day of the practical,** may have practical taken counted twice. If neither practicals are completed by the student, said student will receive a grade of zero for both. **A picture ID (Student ID, Drivers License, Passport) is required for entrance to all exams.**
5. **Safety:** Students who wear soft contact lenses should be aware that vapor from Ward Safe based preservatives used in dissection exercises may cause irreparable damage to lenses. Please wear glasses and/or safety glasses when working with these preparations. Closed toed shoes and proper clothing coverage are necessary during dissections and handling glassware. You will be reminded at least one lab prior to such experiments. MSDS Sheets are located in the lab on the bulletin board.
6. The Science Education and Career Center (room 106 Life Science) has various modules and slides for review.

Americans with Disabilities Act:

The University of Texas at Arlington is on record as being committed to both the spirit and letter of federal equal opportunity legislation: reference Public Law 93112- The Rehabilitation Act of 1973 as amended. With the passage of new federal legislation entitled Americans with disabilities Act (ADA), pursuant to section 504 of the Rehabilitation Act, there is renewed focus on providing this population with the same opportunities enjoyed by all citizens.

As a graduate teaching assistant, I am required by law to provide "reasonable accommodation" to students with disabilities, so as not to discriminate on the basis of that disability. Student responsibility primarily rests with informing faculty at the beginning of the semester and in providing authorized documentation through designated administrative channels.

Academic Dishonesty:

It is the philosophy of The University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include suspension or expulsion from the University.

"Scolastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts." (Regents' Rules and Regulations, Part One, Chapter VI, Section 3, Subsection 3.2, Subdivision 3.22)

For additional rules, regulations and information please refer to your lecture syllabus.