

# Human Anatomy Laboratory: AHS 2091

# Spring 2008 Syllabus

“Naming is the beginning of understanding.”

“Teachers open the door, but you must enter by yourself.”

Classroom: MS 3.02.22

Lab Coordinator: Chris Coteff

Instructor:

Telephone: 458-7496

Contact Information:

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## Course Objective: *Gain Factual Knowledge of the Human Body*

AHS 2091 supplements AHS 2083, Human Biology: Anatomy. The student studies the human body through examination of models, preserved specimens and software. You study tissues and their roles in forming the organs of the human body. The dissections of *Felis domestica* and other specimens are an integral part of this course. To be successful in this course, you will spend many hours memorizing the structures studied.

## Required:

*Human Anatomy The Laboratory Guide*, 3<sup>rd</sup> Ed., C. Coteff, Purple Shamrock Press, 2007.

## Recommended Reading:

*Human Anatomy and Physiology*, Elaine N. Marieb, Benjamin Cummings.

<b>Grading</b>	Practical Exams	75%
	Pre Lab Questions	15%
	Lab Manual Exercises	5%
	Lab Technique	5%

## Exams

- Three practical examinations. Each exam counts as 25% of your earned grade.
- Each exam consists of 50 questions, each worth 2 points, on dissections, specimens, slides, models, diagrams and lab manual that you have studied. These questions ask for identification and, in some instances, function. Exams are limited to one hour. All answers are to be spelled correctly; 1 point is taken off for each misspelled word.
- Make-up exams are given only under certain extenuating circumstances such as death or medical problems with a note from the attending physician and are more challenging.

## PreLab Questions

- The PreLab questions are turned in at the start of class. Late PreLab earns a maximum of one half of graded points. The questions are designed to help you understand the day's lab work. It's best to answer the questions as you study during the week as it will help with the exercises.

## Lab Manual Exercises

- The lab manuals are turned in for grading at the start of each exam. Five points are deducted for each incomplete exercise.

## Laboratory Technique Assessment; each incident deducts 10 points from the Technique grade.

1. Missing a laboratory without prior approval and not making up the missed laboratory.
2. Absolutely no food or drink is permitted in the lab.
3. All electronic devices are turned off in the lab.
4. Use a pipe cleaner when examining all models.
5. Participation within your group.
6. Label all drawings.
7. Careful and complete dissections.
8. Properly cleaning your equipment and lab table.
9. Properly storing your specimens.

10. Microscope and prepared slides: Handle slides by the edges or labels. At the beginning of each class, inspect for the following: 1) cord properly stored, 2) 4x objective in light path, 3) oculars are clean and 4) slides in order & clean.
11. Make sure that all items in your kit are present and clean at the beginning of each class period. Each kit contains: 1 scissors, 2 probes, 1 pair forceps and 1 scalpel.
12. Any missing or improperly cleaned equipment will be traced to the previous class and 10 points will be deducted from the lab technique grade for each incident. Students are encouraged to make sure all equipment is returned clean and stored properly.
13. Computer use is only for lab exercises.

### **Scholastic Integrity**

Refer to the UTSA Web page: [http://www.utsa.edu/infoguide/chap\\_5.cfm](http://www.utsa.edu/infoguide/chap_5.cfm) and the Rules and Regulations of the Board of Regents, Chapter VI, 3 (17). Any assignment, exam or quiz turned in will indicate an acknowledgement and agreement of these rules and regulations. There is no credit given for group efforts – all work must be completed individually. Students are expected to be above reproach in scholastic activities. Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and dismissal from the University.

### **Attendance**

Class attendance is critical for learning, thus attendance is required. If the need arises to miss a class, contact your instructor prior to missing your class to make arrangements to attend another section. Laboratories cannot be rescheduled.

A “Benefit of the Doubt” sheet is provided at the beginning of each class. If the B.O.T.D. sheet is signed every class, your earned final course grade is increased by 2 points.

You are expected to assist in maintaining a classroom environment that is conducive to learning. To assure all students have the opportunity to gain from time spent in class students are prohibited from engaging in any form of distraction. Inappropriate behavior in the classroom shall result, minimally, in a request to leave class.

### **Resolution of Attendance or Grading Issues**

Please attempt to settle any issues concerning grading or attendance by first discussing the problem with me. If the problem cannot be satisfactorily resolved, then the Assistant Chair of Biology is consulted.

**AHS 2091 Laboratory Schedule  
Spring 2008**

**Sections: 001, 002 & 003**

14 January	Lab 1	Anatomical Orientation and Terminology Epithelial tissue
21 January	No Class – Martin Luther King Holiday	
28 January	Lab 2	Connective Tissues Epithelial Membranes The Integumentary System
4 February	Lab 3	Osteogenesis General Features of the Skeletal System The Axial Skeleton
11 February	Lab 4	The Appendicular Skeleton Articulations
18 February	Exam 1	
25 February	Lab 5	Muscle Tissue The Motor Unit Body Movements The Muscular System Biomechanics - Levers Muscles of the Body
3 March	Lab 6	Dissection and Identification of Cat Muscles
10 March	Lab 6	Dissection and Identification of Cat Muscles
17 March	Spring Break	
24 March	Exam 2	
31 March	Lab 7	Neurons The Brain The Spinal Cord and Spinal Nerves The Eye
7 April	Lab 8	The Digestive System The Urinary System The Reproductive System
14 April	Lab 9	The Respiratory System The Circulatory System
21 April	Exam 3	

25 March: Last day for sophomores and above (30 or more semester hours earned) to drop an individual course or withdraw from all classes and receive an automatic grade of "W". An individual course may not be dropped after this date without withdrawing from all classes.

28 April: Last day for freshmen (29 or fewer credit hours earned) to drop an individual course or withdraw from all classes and receive an automatic grade of "W". Courses may not be dropped or withdrawn after this date.

**AHS 2091 Laboratory Schedule  
Spring 2008**

**Sections 004, 005 & 006**

16 January	Lab 1	Anatomical Orientation and Terminology Epithelial tissue
23 January	No Class	– Martin Luther King Holiday
30 January	Lab 2	Connective Tissues Epithelial Membranes The Integumentary System
6 February	Lab 3	Osteogenesis General Features of the Skeletal System The Axial Skeleton
13 February	Lab 4	The Appendicular Skeleton Articulations
20 February	Exam 1	
27 February	Lab 5	Muscle Tissue The Motor Unit Body Movements The Muscular System Biomechanics - Levers Muscles of the Body
5 March	Lab 6	Dissection and Identification of Cat Muscles
12 March	Lab 6	Dissection and Identification of Cat Muscles
19 March	Spring Break	
26 March	Exam 2	
2 April	Lab 7	Neurons The Brain The Spinal Cord and Spinal Nerves The Eye
9 April	Lab 8	The Digestive System The Urinary System The Reproductive System
16 April	Lab 9	The Respiratory System The Circulatory System
23 April	Exam 3	

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**Section 901**

18 January	Lab 1	Anatomical Orientation and Terminology Epithelial tissue
25 January	No Class – Martin Luther King Holiday	
1 February	Lab 2	Connective Tissues Epithelial Membranes The Integumentary System
8 February	Lab 3	Osteogenesis General Features of the Skeletal System The Axial Skeleton
15 February	Lab 4	The Appendicular Skeleton Articulations
22 February	Exam 1	
29 February	Lab 5	Muscle Tissue The Motor Unit Body Movements The Muscular System Biomechanics - Levers Muscles of the Body
7 March	Lab 6	Dissection and Identification of Cat Muscles
14 March	Lab 6	Dissection and Identification of Cat Muscles
21 March	Spring Break	
28 March	Exam 2	
4 April	Lab 7	Neurons The Brain The Spinal Cord and Spinal Nerves The Eye
11 April	Lab 8	The Digestive System The Urinary System The Reproductive System
18 April	Lab 9	The Respiratory System The Circulatory System
25 April	Exam 3	

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