University of North Texas at Dallas
FALL 2013
SYLLABUS

BIOL2311: Anatomy and Physiology I Laboratory : 1Hrs

Department of	Health and Life Sciences	Division of	Liberal Arts and Sciences

Instructor Name:	Dr. Aubrey Frantz
Office Location:	Room 251, Building 2
Office Phone:	972-338-1523
Email Address:	*aubrey.frantz@unt.edu*

Office Hours:	**M 10:00-11:00** **W 10:00-11:00** **R 3:00-4:00,** **(If you need another time, please contact me by email)**
Classroom Location:	**Founders Hall 256**
Class Meeting Days & Times:	**W Lab 1:00-3:50**

Course Catalog Description:	Human Anatomy and Physiology I Laboratory. 1 hour. Laboratory studies examining the functional anatomy and physiology of the human body including cell morphology, tissue histology, musculoskeletal anatomy and nervous system anatomy. For kinesiology, dance majors and allied health students. May be used to complete a portion of the Natural Sciences requirements of the University Core Curriculum.
Prerequisites:	None
Co-requisites:	**BIOL 2311 Laboratory**
Required Text:	**Human Anatomy and Physiology, 9th Ed. Marieb and Hoehn. Pearson Publishers. 2013. ISBN 13: 9780321696397**
Lab Manual	**Human Anatomy & Physiology Laboratory Manual, 9th Ed. Marieb and Mitchell. Pearson Publishers. 2013.**
Access to Learning Resources:	UNT Dallas Library: phone: (972) 780-3625; web: http://www.unt.edu/unt-dallas/library.htm UNT Dallas Bookstore: phone: (972) 780-3652; e-mail: 1012mgr@fheg.follett.com

Course Goals or Overview:

The goal of this course is to provide the student with a broad understanding of the structure and function of the human body.

Learning Objectives/Outcomes: At the end of this course, the student will

1	Be able to explain the basic physiological principles of the cell, the skin, the skeletal system, the muscular system and the nervous system
2	Demonstrate the ability to understanding of the interrelatedness of the major organ systems and how each organ system functions separately and as a part of the integrated whole organism to maintain homeostasis
3	Define the levels of structural organization of the human body and explain how these structures are intimately related to their functions
4	Identify the basic gross and microscopic anatomical structures associated with the human tissue, skin, skeletal system, muscular system and nervous system

Course Outline

This schedule is subject to change by the instructor. Any changes to this schedule will be communicated by the instructor in class.

TIMELINE	Exercises	Review Sheet pages
8/28	No Lab	
9/4	No Lab	
9/11	1: Language of Anatomy 2: Organ System Overview 3: Microscopy	Pgs: 11-14 Pgs: 25-26 Pgs: 35-38
9/18	4: The Cell: Anatomy 6: Classification of Tissues	Pgs: 49-50 Pgs: 85-90
9/25	7: The Integumentary System 8: Classification of Covering & Lining Membranes	Pgs: 101-104 (omit #12-16) Pgs: 109-110
10/2	9: Overview of the Skeleton: Classification and Structure of Bones and Cartilage	Pgs: 119-122
10/9	10: The Axial Skelton 11: The Appendicular Skeleton	Pgs: 139-144 Pgs: 157-163
10/16	Review for Exam I	
10/23	**EXAM I**	
10/30	14: Microscopic Anatomy & Organization of Skeletal Muscles 15: Gross Anatomy of the Muscular System	Pgs: 193-195 Pgs: 227-233
11/6	16A: Skeletal Muscle Physiology	Pgs: 253-256 (omit #3-5, 8, 9)
11/13	17: Histology of Nervous Tissue	Pgs: 265-268
11/20	21: Spinal Cord & Spinal Nerves 22: Human Reflex Physiology	Pgs: 335-338 Pgs: 349-352
11/27	**EXAM II**	
12/5	No Lab	

Course Evaluation Methods

This course will utilize the following instruments to determine student grades and proficiency of the learning outcomes for the course.

Lab Exams – There will be two lab exams, each worth 100 points. Attendance is required for all exams. Any student found cheating on any exam will receive a zero for that exam and may face disciplinary action(s).

Review Sheets - Review sheets corresponding to the laboratory exercises are due at the beginning of the following class period. ***Late review sheets will be graded, but with a penalty of 10% each day it is late.*** Attendance is required for all laboratory sessions; Review sheets corresponding to missed laboratory sessions will not be accepted.

Lab Quizzes: Short (~10 min) quizzes designed to assess how well students have prepared for the week's lab by reading the background information/theory and procedures. Quizzes will be given at the beginning of lab. *No makeup quizzes will be allowed except for documented emergencies (See Student Handbook).*There will be 5 pop quizzes given at the instructor's discretion, each worth 10 points.

Grading Matrix:

Instrument	Value (points)
Exam I	100
Exam II	100
Review Sheets	250
Quizzes	50
Total:	**500**

Grade Determination:
A = 90% or better
B = 80 – 89 %
C = 70 – 79 %
D = 60 – 69 %
F = less than 60%

University Policies and Procedures

Students with Disabilities (ADA Compliance):
The University of North Texas Dallas faculty is committed to complying with the Americans with Disabilities Act (ADA). Students' with documented disabilities are responsible for informing faculty of their needs for reasonable accommodations and providing written authorized documentation. Grades assigned before an accommodation is provided will not be changed as accommodations are not retroactive. For more information, you may visit the Student Life Office, Suite 200, Building 2 or call Laura Smith at 972-780-3632.

Student Evaluation of Teaching Effectiveness Policy:
The Student Evaluation of Teaching Effectiveness (SETE) is a requirement for all organized classes at UNT. This short survey will be made available to you at the end of the semester, providing you a chance to comment on how this class is taught. I am very interested in the feedback I get from students, as I work to continually improve my teaching. I consider the SETE to be an important part of your participation in this class.

Exam Policy:
Exams should be taken as scheduled. No makeup examinations will be allowed except for documented emergencies (See Student Handbook).

Academic Integrity:
Academic integrity is a hallmark of higher education. You are expected to abide by the University's code of Academic Integrity policy. Any person suspected of academic dishonesty (i.e., cheating or plagiarism) will be handled in accordance with the University's policies and procedures. Refer to the Student Code of Academic Integrity at http://www.unt.edu/unt-dallas/policies/Chapter%2007%20Student%20Affairs,%20Education,%20and%20Funding/7.002%20Code%20of%20Academic_Integrity.pdf for complete provisions of this code.

Bad Weather Policy:
On those days that present severe weather and driving conditions, a decision may be made to close the campus. In case of inclement weather, call UNT Dallas Campuses main voicemail number (972) 780-3600 or search postings on the campus website www.unt.edu/dallas. Students are encouraged to update their Eagle Alert contact information, so they will receive this information automatically.

Attendance and Participation Policy:
The University attendance policy is in effect for this course. Class attendance and participation is expected because the class is designed as a shared learning experience and because essential information not in the textbook will be discussed in class. The dynamic and intensive nature of this course makes it impossible for students to make-up or to receive credit for missed classes. Attendance and participation in all class meetings is essential to the integration of course material and your ability to demonstrate proficiency. Students are responsible to notify the instructor if they are missing class and for what reason. Students are also responsible to make up any work covered in class. It is recommended that each student coordinate with a student colleague to obtain a copy of the class notes, if they are absent.