

University of North Texas at Dallas

Spring 2014

SYLLABUS

BIOL2312: Anatomy and Physiology II 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:	Tuesday 1:00-2:00 Wednesday 12:00-1:00 Thursday 1:00-2:00 (If you need another time, please contact me by email)
Classroom Location:	Founders Hall 256
Class Meeting Days & Times:	Wednesday 1:00-3:50
Course Catalog Description:	Human Anatomy and Physiology II Laboratory. 1 hour. Laboratory studies examining the functional anatomy and physiology of the human body including the endocrine, digestive, respiratory, cardiovascular, urinary and reproductive systems. 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:	BIOL2301 and BIOL2311
Co-requisites:	BIOL2302
Required Text:	<u>Human Anatomy and Physiology, 9th Ed. Marieb and Hoehn. Pearson Publishers. 2013. ISBN 13: 9780321696397</u>
Lab Manual	<u>Human Anatomy & Physiology Laboratory Manual, 9th Ed. Marieb and Mitchell. Pearson Publishers. 2013.</u>
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@fhcg.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 endocrine, cardiovascular, lymphatic, digestive, urinary and reproductive systems
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 endocrine, cardiovascular, lymphatic, digestive, urinary and reproductive systems.

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
1/15	No Lab
1/22	No Lab
1/29	Syllabus and Course information & Lab Safety 27: Functional Anatomy of the Endocrine Glands Endocrine System Review
2/5	29: Blood 30: Anatomy of the Heart 32: Anatomy of Blood Vessels
2/12	33: Human Cardiovascular Physiology 34: Frog Cardiovascular Physiology Cardiovascular System Review
2/19	35: The Lymphatic System and Immune Response Lymphatic System Review
2/26	36: Anatomy of the Respiratory System 37: Respiratory System Physiology Respiratory System Review
3/5	Open Lab – Exam I Review
	<i>SPRING VACATION</i>
3/19	EXAM I
3/26	38: Digestive System 39: Chemical and Physical Processes of Digestion
4/2	40: Anatomy of the Urinary System 41: Urinalysis Urinary System Review
4/9	42: Anatomy of the Reproductive System 43: Physiology of Reproduction
4/16	44: Survey of Embryonic Development 45: Principles of Heredity Reproductive System Review
4/23	Open Lab – Exam II Review
4/30	EXAM II

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 class period. *Late assignments will be graded, but with a penalty of 10% each day it is late.*

Pre-Lab Quizzes - 5 pre-lab quizzes (10 points/quiz) will be administered at the instructor's discretion. You will have approximately 10 minutes to complete these quizzes. There are no make-up quizzes if you are late to class.

Anatomy and Physiology Reviews – Students will participate in our own version of Anatomy and Physiology Lab Jeopardy. This activity will be used for review purposes and will provide students the opportunity to earn bonus 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.

Attendance and Participation Policy:

*The University attendance policy is in effect for this course. **Class attendance and participation is required for this laboratory course. The dynamic and intensive nature of this course makes it impossible for students to make-up or to receive credit for missed classes. Students who miss 2 or more laboratory sessions are in danger of failing this course.** 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.*