

University of North Texas at Dallas
Spring 2016
SYLLABUS

Course Abbreviation/Number/Title/Semester Hrs	
BIOL 2302-001: Anatomy and Physiology II : 3Hrs	
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@untdallas.edu
Office Hours:	Monday and Thursday 1:00-3:00 pm Tuesday and Thursday 10:30-11:30 am (If you need another time, please contact me)
Classroom Location:	Dal2 room 240
Class Meeting Days & Times:	TR Lecture 11:30 – 12:50
Course Catalog Description:	BIOL 2302 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.
Prerequisites:	BIOL 2301 and 2311
Co-requisites:	BIOL 2312 Laboratory
Required Text:	<u>Human Anatomy and Physiology</u> , 9 th Ed. Marieb and Hoehn. Pearson Publishers. 2013. ISBN 13: 9780321696397
Lab Manual	<u>Human Anatomy & Physiology Laboratory Manual</u> , 10 th Ed. Marieb and Mitchell. Pearson Publishers. 2013. ISBN:978-0321765598
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: 1012mqr@fhqg.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.
5	Explain the physiological and anatomical mechanisms of common dysfunction

Course Outline

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

TOPICS	TIMELINE
Course Introduction and Overview & The Endocrine System (Chapter 16)	1/19
The Endocrine System (Chapter 16)	1/21
The Endocrine System (Chapter 16)	1/26
Blood (Chapter 17)	1/28
Blood (Chapter 17)	2/2
The Cardiovascular System: The Heart (Chapter 18)	2/4
The Cardiovascular System: The Heart (Chapter 18)	2/9
The Cardiovascular System: Blood Vessels (Chapter 18)	2/11
Exam I (Chapters 16-18)	2/16
The Lymphatic System and Lymphoid Organs and Tissue (Chapter 20)	2/18
The Lymphatic System and Lymphoid Organs and Tissue (Chapter 20)	2/23
The Immune System: Innate Immunity (Chapter 21)	2/25
The Immune System: Adaptive Immunity (Chapter 21)	3/1
The Respiratory System (Chapter 22)	3/3
The Respiratory System (Chapter 22)	3/8
Exam II (Chapters 20-22)	3/10
<i>Spring Break</i>	3/14-3/20
The Digestive System (Chapter 23)	3/22
The Digestive System (Chapter 23)	3/24
The Digestive System, Nutrition and Metabolism (Chapter 23)	3/29
The Urinary System (Chapter 25)	3/31
The Urinary System (Chapter 25)	4/5
The Urinary System (Chapter 25)	4/7
Exam III Chapters (23-26)	4/12
The Reproductive System (Chapter 27)	4/14
The Reproductive System (Chapter 27)	4/19
The Reproductive System (Chapter 27)	4/21
Pregnancy and Human Development (Chapter 28)	4/26
Pregnancy and Human Development (Chapter 28)	4/28
Heredity (Chapter 29)	5/3
Heredity (Chapter 29)	5/5
Exam IV (Chapters 27-29)	5/12 at 11:00 am

Course Evaluation Methods

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

Exams – written tests designed to measure knowledge of presented course material – You will be given four in-class exams. Each exam is worth 100 points (20% of your final grade). The exams will consist of a combination of multiple choice, labeling and short answer questions. 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).

Reading Quizzes and In class Assignments – short, 5 point quizzes will be given at the beginning of class. Quizzes will cover the text book material assigned for that class session and/or previous class material. You will have approximately 10 minutes to complete the quiz. There are no make-up quizzes if you are late to class. Additional in class assignments will be administered and graded.

“Stopwatch Science” - extra credit opportunity. You may choose a recent (2015) scientific journal article and spend one minute in front of the class discussing the significance of the article and one additional minute discussing how the article relates to the current course material. You will need to turn in a copy (hard or electronic) of the article to the instructor prior to the discussion. This assignment is worth up to 5 extra credit points.

Grading Matrix:

Instrument	Value (points)
Exam 1	100
Exam 2	100
Exam 3	100
Exam 4	100
Reading Quizzes	100
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 Cynthia Suarez at 972-780-3632.

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 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.