

Online Course Syllabus

Course Information

Course Number/Section Biol 3456/001, 301, 302, 303, 304, 801
Course Title **Human Anatomy and Physiology II**
Term Fall 2020

Professor Contact Information

Professor Dr. Wen H. Yu and Dr. Subha Sarcar
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Office Location Dr. Yu: FN 3.114
Dr. Sarcar: FO 3. 210

Online Office Hours Dr. Yu: Through WebEx, by email appointment only
Dr. Sarcar: Through Team, by email appointment only

Other Information

Course Modality and Expectations

Instructional Mode	Online mode: All instruction and testing will be online. Referencing for the description, please see: https://www.utdallas.edu/fall-2020/fall-2020-registration-information/
Course Platform	Course platform will be through eLearning and Blackboard Collaborate. Please login your eLearning at Biol 3456-001.
Expectations	Read the PPT files and listen to pre-recorded audios in both lecture and lab sections every week.
Asynchronous Learning Guidelines	If you select asynchronous instruction, please see the web link at: https://www.utdallas.edu/fall-2020/asynchronous-access-for-fall-2020/

COVID-19 Guidelines and Resources

The information contained in the following link lists the University's COVID-19 resources for students and instructors of record.

Please see <http://go.utdallas.edu/syllabus-policies>.

Class Recordings

Students are expected to follow appropriate University policies and maintain the security of passwords used to access recorded lectures. Unless the Office of Student AccessAbility has approved the student to record the instruction, students are expressly prohibited from recording any part of this course. Recordings may not be published, reproduced, or shared with those not in the class, or uploaded to other online environments except to implement an approved Office of Student AccessAbility accommodation. Failure to comply with these University requirements is a violation of the [Student Code of Conduct](#).

The instructor may record meetings of this course. Any recordings will be available to all students registered for this class as they are intended to supplement the classroom experience. Students are expected to follow appropriate University policies and maintain the security of passwords used to access recorded lectures. Unless the Office of Student AccessAbility has approved the student to record the instruction, students are expressly prohibited from recording any part of this course. Recordings may not be published, reproduced, or shared with those not in the class, or uploaded to other online environments except to implement an approved Office of Student AccessAbility accommodation. If the instructor or a UTD school/department/office plans any other uses for the recordings, consent of the students identifiable in the recordings is required prior to such use unless an exception is allowed by law. Failure to comply with these University requirements is a violation of the [Student Code of Conduct](#).

Class Materials

The Instructor may provide class materials that will be made available to all students registered for this class as they are intended to supplement the classroom experience. These materials may be downloaded during the course, however, these materials are for registered students' use only. Classroom materials may not be reproduced or shared with those not in class, or uploaded to other online environments except to implement an approved Office of Student AccessAbility accommodation. Failure to comply with these University requirements is a violation of the [Student Code of Conduct](#).

Course Pre-requisites, Co-requisites, and/or Other Restrictions

Human Anatomy & Physiology I (Biol 3455) is the prerequisite for the class.

Course Description

BIOL 3456, Human Anatomy and Physiology II, is the second half of a two-part Anatomy and Physiology series designed as a comprehensive examination of the basic principles of human physiology in the context of a detailed examination of human anatomy. The study of this course includes the structure-function relationship in all organ systems.

Student Learning Objectives/Outcomes

1. Students will be able to classify the basic anatomy of human organ systems.
2. Students will be able to explain the functions of human organ systems.
3. Students will be able to evaluate structure/function relationships of organ systems and explain how they integrate into the total organism.

Required Textbooks and Materials

Required Texts

Fundamentals of Anatomy and Physiology. Frederic H., Martini, F. H., Nath, J. L. & Bartholomew E. F. 11th Edition, Pearson, 2017. ISBN: 10-013477521X.

Human Anatomy & Physiology Laboratory Manual, Main version. Marieb, E. N., Mitchell, S.J. & Smith, L.A., 11th Edition, Pearson, 2016. ISBN:10-0134156749.

Textbooks and some other bookstore materials can be ordered online or purchased at the [UT Dallas Bookstore](#).

Technical Requirements

In addition to a confident level of computer and Internet literacy, certain minimum technical requirements must be met to enable a successful learning experience. Please review the important technical requirements on the [Getting Started with eLearning](#) webpage.

Due to the online nature of this course, every student is required to arrange for their own electronic devices (laptop/computer etc.) and hi-speed/stable internet connection, throughout the semester; to be able to successfully complete the course. There will be not be any exception. Issues like “delay in loading pictures during exam” will not be entertained.

Course Access and Navigation

This course can be accessed using your UT Dallas NetID account on the [eLearning](#) website.

Please see the course access and navigation section of the [Getting Started with eLearning](#) webpage for more information.

To become familiar with the eLearning tool, please see the [Student eLearning Tutorials](#) webpage.

UT Dallas provides eLearning technical support 24 hours a day, 7 days a week. The [eLearning Support Center](#) includes a toll-free telephone number for immediate assistance (1-866-588-3192), email request service, and an online chat service.

Communication

This course utilizes online tools for interaction and communication. Some external communication tools such as regular email and a web conferencing tool may also be used during the semester. For more details, please visit the [Student eLearning Tutorials](#) webpage for video demonstrations on eLearning tools.

Student emails and discussion board messages will be answered within 3 working days under normal circumstances.

Distance Learning Student Resources

Online students have access to resources including the McDermott Library, Academic Advising, The Office of Student AccessAbility, and many others. Please see the [eLearning Current Students](#) webpage for more information.

Server Unavailability or Other Technical Difficulties

The University is committed to providing a reliable learning management system to all users. However, in the event of any unexpected server outage or any unusual technical difficulty which prevents students from completing a time sensitive assessment activity, the instructor will provide

an appropriate accommodation based on the situation. Students should immediately report any problems to the instructor and also contact the online [eLearning Help Desk](#). The instructor and the eLearning Help Desk will work with the student to resolve any issues at the earliest possible time.

Academic Calendar

WEEK/ DATES	TOPIC/LECTURE	READING	ASSESSMENT / ACTIVITY	DUE DATE
1 08/17- 08/22	Endocrine/Lecture	Ch. 18	(no lab)	
2 08/23- 08/29	Blood/Lecture Endocrine/Lab#1	Ch. 19	Lab-1 Assignment	8/28, 8 pm
3 08/30-09/05	Heart/Lecture Blood/Lab#2	Ch. 20	Lab-2 Assignment	9/04, 8 pm
4 09/06- 09/12	Circulation-1/Lecture Heart/Lab#3	Ch. 21	Lab-3 Assignment	9/11, 8 pm
5 09/13- 09/19	Circulation-2/Lecture (Lab Review), Lab 1-3	Ch. 21	Lecture exam #1 (Ch. 18,19,20)	9/15, Tue 1-8 pm 9/17,
6 09/20- 09/26	Lymphatic/Lecture Circulation/Lab#4	Ch. 22	Lab practical #1 (Ch. 18,19,20) Lab-4 Assignment	9/22, Tue 4-8 pm 9/25, 8 pm
7 09/27- 10/03	Respiration/Lecture Lymphatic/Lab#5	Ch. 23	Lab-5 Assignment	10/2, 8 pm
8 10/04- 10/10	Digestion-1/Lecture Respiration/Lab#6	Ch. 24	Lab-6 Assignment	10/9, 8 pm
9 10/11- 10/17	Digestion-2/Lecture (Lab Review), Lab 4-6	Ch. 24	Lecture exam #2 (Ch. 21,22,23)	10/13, Tue 1-8 pm 10/15
10 10/18- 10/24	Urinary-1/Lecture Digestion/ Lab#7	Ch. 26	Lab practical #2 (Ch. 21,22,23) Lab-7 assignment	10/20, Tue 4-8 pm 10/23, 8 pm
11 10/25- 10/31	Urinary-2 & Repro-1 Urinary/Lab#8	Ch. 26 & 28	Lab-8 assignment	10/31, 8 pm
12 11/01- 11/07	Reproduction/Lecture Reproduction/Lab#9	Ch. 28	Lab-9 assignment	11/06, 8 pm

WEEK/ DATES	TOPIC/LECTURE	READING	ASSESSMENT / ACTIVITY	DUE DATE
13 11/08- 11/14	Metabolism/Lecture (Lab Review), Lab 7-9	Ch. 25		11/12
14 11/15- 11/21			Lab practical #3	11/17, Tue 4-8 pm
15 11/22- 11/28	(Thanksgiving week) (No activity)			
16 11/29- 12/05			Final lecture exam	12/02, Wed 1-8 pm

Grading Policy

Lecture Exam 1:	100 points
Lecture Exam 2:	100 points
Lecture Final Exam:	110 points
Lab practical 1:	100 points
Lab practical 2:	100 points
Lab practical 3:	100 points
Lab assignments:	90 points

Total points = 700 points

Course letter Grades will be assigned according to the following schedule:

A+: > 665 (> 95 %)	A: 664-630 (95-90 %)	A-: 629-606 (90-86.6 %)
B+: 605-583(86.5-83.3 %)	B: 582-560 (83.2-80 %)	B-: 559-536 (80-76.6 %)
C+: 535-513(76.5-73.3 %)	C: 512-490 (73.2-70 %)	C-: 489-466 (70-66.6%)
D+: 465-443(66.5-63.3 %)	D: 442-420 (63.2-60 %)	D-: 419-396 (60-56.6 %)
F: < 396		

Other notices:

1. Each lecture exam will have 60-80 questions which could be multiple choice, matching or true-and-false questions.
2. The test time for lecture exam is 90 minutes. You can start your exam anytime during 1:00-8:00 pm CST on that exam day. (You may not go back to your previous questions during the exam.) ?
3. Lab practical will have 30-35 stations. Each station has 2 questions. The test time is about 40-45 minutes. You can't go back to your previous questions. You can start your test anytime during 4:00-8:00 pm CST on that Lab Practical day.
4. **You should have a good desktop/laptop computer and high-speed Wi-Fi for all tests.**
5. If you are approved by the Office of Student AccessAbility (OSA) for a longer testing time, please scan the approved letter and send to Dr. Yu as soon as possible.

6. We have 3 Lab Reviews this semester. You can ask questions through the WebEx with TAs. The detail schedule of lab review will be sent to you later.

Course Policies

Make-up exams

1. Make-up lecture exams are not routinely given. Only under extenuating circumstances and **upon prior discussion with the instructor** will a make-up test be considered. The questions in the make-up exam will be completely different from the regular exam. **It will be all essay questions.**

2. Make-up lab practical exams are never given.

3. We have 9 labs and 9 lab assignments in this semester. Each lab assignment will account for a grade of 10 points. Every incorrect answer will be taken away 0.2 points. Missing an assignment or submitting the assignment after the due time will get zero point for that assignment.

(A list of TA's emails will be given to you later for submitting your lab assignments and asking questions.)

Extra Credit

No extra credit will be given.

Late Work

Late work for lab assignment will get zero point except that you have a good reason and advanced notice.

Comet Creed

This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:

“As a Comet, I pledge honesty, integrity, and service in all that I do.”

Academic Support Resources

The information contained in the following link lists the University's academic support resources for all students.

Please go to [Academic Support Resources](#) webpage for these policies.

UT Dallas Syllabus Policies and Procedures

The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus.

Please go to [UT Dallas Syllabus Policies](#) webpage for these policies.

The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professors.