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BSC 2401 04W-Human anatomy and Physiology I Syllabus (Fall 2021)

INSTRUCTOR INFORMATION

Instructor: Hyun-Joo Nam, PhD

Office Hours: F 10:00 AM-11:00 PM through Zoom or **by appointment**.

<https://tamuc.zoom.us/j/7032367457?pwd=RkFQZmtkcm90emNnUGNDL0E0Sjg0UT09>

Meeting ID: 703 236 7457

Passcode: OH

University Email Address: Hyun-Joo.Nam@tamuc.edu

Preferred Form of Communication: **e-mail**

Communication Response Time: 48 hours

COURSE INFORMATION

Course Materials:

Textbook Required: Hole's Anatomy and Physiology 14th or 15th. David Shier, Jackie Butler, Ricki Lewis, ISBN13: 9780078024290 or 9781259864568

Lab Software Required: **Visible Body Suite**

The syllabus/schedule are subject to change.

Course Description

This course provides an introduction to the structure and function of human organ systems. Topics include a study of the cells, chemistry, and tissues of the integumentary, skeletal, muscular, and nervous system.

Student Learning Outcomes

This course was designed in the hope that, by the end, you will:

1. Understand basic terminology and concepts of human anatomy and physiology
2. Relate basic concepts in general biology and biochemistry to more complex body processes.
3. Describe the detailed structure and function of the integumentary system.
4. Articulate the structure and function of the muscular and skeletal system.
5. Explain basic anatomy and functional mechanisms of the nervous system.

COURSE REQUIREMENTS

Minimal Technical Skills Needed

Standard skills necessary to use web browsers to access course materials is required. Students should also be able to submit their work as necessary. Students should be able to use Microsoft Word and PowerPoint.

Instructional Methods

Online lectures will be supplemented with appropriate audiovisual materials, and assignments. I will post announcements on the home page of the course, announce them in the class or send email notifications.

Student Responsibilities or Tips for Success in the Course

This is an online course. For this to be successful, please make sure you have a working **computer**, **webcam**, and **internet connection** and to set aside enough time for this course. Regular attendance (as describe below), submitting assignments before deadlines, and checking both course page and emails for course related announcements are important.

Lecture videos will be uploaded on Mondays and Wednesdays. For each lecture, there will be a short quiz (5 questions) you have to answer. These will give you the attendance credit. The quiz link will be present right after the lecture file, and you will be given 1 minute per question. You have to answer at least 3 of the 5 questions correctly to get the attendance credit for the lecture. The answer to the questions will be in the lecture videos,

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but not in the slides itself. The deadline to finish the short quiz will be Tuesdays (for Mondays' lectures) and Thursdays (for Wednesdays' lectures) 11:59 PM.

GRADING

Final grades in this course will be based on the following scale:

A = 90%-100%

B = 80%-89%

C = 70%-79%

D = 60%-69%

F = 59% or Below

Assessments

Total course grade is calculated by combining the **lab** grade (separate syllabus) with the **lecture** grade. The **lecture grade counts 75%** while the **lab grade counts 25%** of the total class grade.

Students are expected to watch ALL lecture videos and take the exams/quizzes as scheduled. There will be a 6-point credit for attendance. Excused absences as defined in the Student Handbook of the university will be accepted.

There will be three types of assessments that will contribute to the grade. These are:

1. Quizzes

You are required to take 9 quizzes and can drop 2 quiz scores from the final grade. All quiz items are multiple choice. You may use any materials that you like in taking the quizzes. However, since you will be given only 10 minutes to finish the quiz, it is highly recommended to study ahead.

2. Exams

You are required to take **4 online proctored exams** during Weeks 5, 8, 11 and 15, and the **online proctored final exam** during the finals week. See the Course Calendar for the dates of your exam weeks. Make sure to be on time and your **webcam and the internet connection** are working during the designated exam time. If the exam time does not work, please get in touch with me through e-mail.

3. Assignments

There are two assignments (5 % each)
Details for this assignment will be discussed later.

Distribution:

Quiz = 24% (Average, 7 out of 9 quizzes)

Exams = 40% (4 exams; 10%/exam)

Attendance = 6%

Assignments = 10% (2 assignments, 5 % each)

Final Exam* = 20%

*Final exam is a comprehensive exam that will cover all the chapters.

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Exams and quizzes consist of multiple-choice, short answer, and/or short essay questions. Questions are drawn from the same test pool. Therefore, some questions may be repeated. Students will take exams and quizzes in the classroom.

Important information:

1. There will not be any additional points extra credits. A student's grade will come only from the points he/she earns in the three types of assessments and attendance.
2. All assignments should be submitted before the deadlines. Late submissions will automatically receive ZERO points.
3. All requests for make-up exams/quizzes must accompany supporting documents (e.g. a doctor's note). Such requests should be made within two days after missing the exam/quiz. The reasons for not taking an exam/zero within the designated criteria should be acceptable, as outlined in your student handbook. Forgetting to take the exam/quiz will not be an acceptable reason.
4. It is the students' responsibility to check emails and course website for exam/quiz dates and assignment postings & deadlines.

TECHNOLOGY REQUIREMENTS

LMS

All course sections offered by Texas A&M University-Commerce have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

YouSeeU Virtual Classroom Requirements:

<https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements>

ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@tamuc.edu.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each

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student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your Instructor.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

University Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the [Student Guidebook](http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx).
<http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum:

<https://www.britannica.com/topic/netiquette>

TAMUC Attendance

For more information about the attendance policy please visit the [Attendance](http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx) webpage and [Procedure 13.99.99.R0.01](http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx).

<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

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Academic Integrity

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty 13.99.99.R0.03 Undergraduate Student Academic Dishonesty Form](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/documents/13.99.99.R0.03UndergraduateStudentAcademicDishonestyForm.pdf>

[Graduate Student Academic Dishonesty Form](#)

<http://www.tamuc.edu/academics/graduateschool/faculty/GraduateStudentAcademicDishonestyFormold.pdf>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

Students with Disabilities-- ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

Texas A&M University-Commerce

Velma K. Waters Library Rm 162

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

Email: studentdisabilityservices@tamuc.edu

Website: [Office of Student Disability Resources and Services](#)

<http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

Nondiscrimination Notice

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

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Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

A&M-Commerce Supports Students' Mental Health

The Counseling Center at A&M-Commerce, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit www.tamuc.edu/counsel

COURSE OUTLINE / CALENDAR

Week 1 Aug 30

Introduction to the course

There will be **a Zoom meeting on Aug 30 7:00 PM-8:00 PM.** Watch out for an e-mail regarding the first class.

Chapter 1. Introduction to human Anatomy and Physiology

Week 2 Sep 6

Quiz 1 Sep 8

Chapter 2. Chemical Basis of Life

Week 3 Sep 13

Quiz 2 Sep 15

Chapter 3. Cells

Week 4 Sep 20

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Quiz 3 Sep 22
Chapter 4: Cellular Metabolism
Week 5 Sep 27
Exam 1 Sep 29 (Chapters 1, 2, 3) 7:00-8:00 PM through Zoom
Chapter 5 Tissues
Week 6 Oct 4
Quiz 4 Oct 6 (Chapter 4)
Chapter 6. Integumentary System
Week 7 Oct 11
Quiz 5 Oct 13 (Chapter 5)
Chapter 7. Skeletal System
Assignment 1 due Oct 16 11:59 PM
Week 8 Oct 18
Exam 2 Oct 20 (Chapters 4, 5, 6) 7:00-8:00 PM through Zoom
Chapter 8. Joints of the Skeletal System
Week 9 Oct 25
Quiz 7 Oct 27 (Chapter 7)
Chapter 8. Joints of the Skeletal System
Chapter 9. Muscular System
Week 10 Nov 1
Quiz 8 Nov 3 (Chapter 8)
Chapter 9. Muscular System continued
Week 11 Nov 8
Chapter 10. Nervous System 1: Basic Function and Structure
Exam 3 Nov 10 (Chapters 7, 8, 9-1) 10:00-11:00 AM through Zoom
Week 12 Nov 15
Quiz 10 Nov 17 (Chapter 10)
Chapter 11. Nervous System 2: Division of Nervous System
Week 13 Thanksgiving Holiday
Week 14 Nov 29
Quiz 11 Dec 1 (Chapter 11-1)
Chapter 11. Nervous System 2: Division of Nervous System continued
Chapter 12. Nervous System 3: Senses
Assignment 2 due Dec 4 11:59 PM
Week 15 Dec 6
Chapter 12. Nervous System 3: Senses
Exam 4 Dec 8 (Chapter 9-2, 10, 11) 7:00-8:00 PM through Zoom

Final Exam* is tentatively scheduled for Dec. 15 7:00-9:00 PM

Final exam is a comprehensive exam that will cover all the chapters (1~12)

***Please check the academic calendar for details on holidays, start and end dates of the current semester. Semester begins on August 30, 2021**

***ALL DATES AND CHAPTERS COVERED ARE TENTATIVE AND SUBJECT TO CHANGE.**

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