



BSC 2401 02W-Human Anatomy and Physiology I

Syllabus (Spring 2022)

INSTRUCTOR INFORMATION

Instructor: Hyun-Joo Nam, PhD

Office Hours: F 1:00 AM-11:00 PM through Zoom or **by appointment**.

[https://tamuc.zoom.us/j/7032367457?](https://tamuc.zoom.us/j/7032367457?pwd=RkFQZmtkcm90emNnUGNDL0E0Sjg0UT09)

[pwd=RkFQZmtkcm90emNnUGNDL0E0Sjg0UT09](https://tamuc.zoom.us/j/7032367457?pwd=RkFQZmtkcm90emNnUGNDL0E0Sjg0UT09) Meeting ID: 703 236 7457

Passcode: OH

Office Phone: 903-468-8648

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 ed. David Shier, Jackie Butler, Ricki Lewis, ISBN13: 9780078024290 or 9781259864568

Lab Software Required: Visible Body Suite

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.

The syllabus/schedule are subject to change.

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, 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

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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, 12 and 15, and the **final exam** during the final 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.

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.

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.

The syllabus/schedule are subject to change.

4. It is the students' responsibility to check emails and course website for exam/quiz dates and assignment postings & deadlines.

COURSE OUTLINE / CALENDAR

Week 1 Jan 12~Jan 21

Introduction to the course

There will be **an optional Zoom meeting on Jan 12 7:00-8:00 PM.** Watch out for an e-mail regarding the first class.

Chapter 1. Introduction to human Anatomy and Physiology

Week 2 Jan 24

Quiz 1 Jan 26

Chapter 2. Chemical Basis of Life

Week 3 Jan 30

Quiz 2 Feb 2

Chapter 3. Cells

Week 4 Feb 7

Quiz 3 Feb 9

Chapter 4: Cellular Metabolism

Week 5 Feb 14

Exam 1 Feb 16 (Chapters 1, 2, 3) proctored using Zoom

Chapter 5 Tissues

Week 6 Feb 21

Quiz 4 Feb 23 (Chapter 4)

Chapter 6. Integumentary System

Assignment 1 due Feb. 19 11:59 PM

Week 7 Feb 28

Quiz 5 Mar 2 (Chapter 5)

Chapter 7. Skeletal System

Week 8 Mar 6

Exam 2 Mar 9 (Chapters 4, 5, 6) proctored using Zoom

Chapter 7. Skeletal System continued

Week 9 Mar 14-**Spring Break**

Week 10 Mar 21

Quiz 7 Mar 23 (Chapter 7)

Chapter 8. Joints of the Skeletal System

Week 11 Mar 28

Quiz 8 Mar 30 (Chapter 8)

Chapter 9. Muscular System 1

Week 12 Apr 4

Quiz 9 Apr 6 (Chapter 9-1)

Chapter 9. Muscular System 2

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Week 13 Apr 11

Chapter 10. Nervous System 1: Basic Function and Structure

Exam 3 Apr 13 (Chapters 7, 8, 9) proctored using Zoom

Week 14 Apr 18

Quiz 10 Apr 20 (Chapter 10)

Chapter 11. Nervous System 2-1: Division of Nervous System 1

Week 15 Apr 25

Chapter 11. Nervous System 2-2: Division of Nervous System 2

Assignment 2 due Apr. 30 11:59 PM

Week 16 May 2

Chapter 12. Nervous System 3: Senses

Exam 4 May 4 (Chapter 10, 11, 12) proctored using Zoom

Final Exam* is tentatively scheduled for May 11, 2022

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 January 12, 2022**

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

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