

<p style="text-align: center;"><b>COURSE SYLLABUS</b> <b>2401-1LW</b> <b>ANATOMY AND PHYSIOLOGY I- LABORATORY</b> <b>BIOLOGY 2401</b> <b>2022-Spring</b></p>
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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 Materials:**

#### **Mandatory:**

Visible Body – <http://www.visiblebody.com/> Student subscription

Sign-up link:

Please watch “how-to-sign-up video”.

<https://www.youtube.com/watch?v=l3ynxTH9-DM&feature=youtu.be>

#### **Optional:**

Human Anatomy and physiology Laboratory Manual 13th ed. Fetal Pig Version ISBN13: 9780134806365

### **Course Description**

This course provides an in-depth learning experience for the anatomy and physiology of humans. Topics such as identification of tissues, structures, and their functions within the context of the 4 organ systems (integumentary, skeletal, muscular and nervous system) will be covered.

### **Student Learning Outcome**

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

1. understand basic human anatomy models
2. become familiarized with the histological slides that pertain to each system
3. identify organs, glands, tissues, veins and other structures found in the body

### **Student Responsibilities**

1. You should read all the materials posted for each lab. There will be activities for each lab with assigned points based on the difficulty level. There are posted on the Visible Body courseware site. You need to download the file, complete and submit through D2L link. They are due on Saturdays at 11:59 PM. Late work will not be accepted. The assignments must be typed or completed in legible handwriting and electronically submitted through the D2L

submission links.

2. There will be a quiz over each week's lab. It is in the Visible Body courseware site. It is also due each week on Saturday by 11:59 PM. There are 12 quizzes total. Two of the 12 quizzes will be changed to bonus quizzes when the final grade is tabulated.

## **EVALUATION METHODS:**

Exams and quizzes will consist of multiple-choice questions, short answer questions and labeling diagrams. Each material will come from both your textbook and lab sessions. Exams and quizzes will not be made up unless the absence is excused as described in the Student Handbook. All absences require specific documentation to be excused.

## **GRADING POLICY:**

Grades will be calculated in the following manner:

Lab Work Sheets/Activities	40 %
Quizzes	20 %
Lab Exam #1	20 %
Lab Exam #2	20 %

## **STUDENTS WITH DISABILITIES:**

Students with special needs should contact the Disability Services no later than the first week of classes. Once appropriate documentation for the disability is received, the Disability Services Office will coordinate delivery of approved accommodations with students and their instructors.

## **COURSE OUTLINE / CALENDAR**

Week 1 Jan 12	<u>Orientation to Visible Body</u>
Week 2 Jan 18-No Lab	
Week 3 Jan 24	<u>Introduction to Human Anatomy and Physiology</u>
Week 4 Jan 31	<u>Introduction to organ systems</u>
Week 5 Feb 7	<u>Cells and Cellular Metabolism</u>
Week 6 Feb 14	<u>Tissues</u>
Week 7 Feb 21	<u>Integumentary System</u>
Week 8- Feb 28	<b>Lab Test #1 (Week 2~6 content)</b>
Week 9 Mar 7	<u>Skeletal System 1</u>
Week 10 Mar 14-Spring Break	<u>Skeletal System 2</u>
Week 11 Mar 21	<u>Skeletal System 2</u>

Week 12 Mar 28  
    Muscular System 1  
Week 13 Apr 4  
    Muscular System 2  
Week 14 Apr 11  
    Nervous System  
Week 15 Apr 18  
    Senses  
Week 16 Apr 27-30  
    **Lab Test #2 (Week 8~13 content)**