

Spring 2017

# Biol 2401: **Human Anatomy & Physiology I**

Ms. Letitia Simpson  
Sections: 002, 005, 010



SOUTH PLAINS COLLEGE

# HUMAN ANATOMY & PHYSIOLOGY I

**Professor:** Ms. Letitia Simpson

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**Office Hours:\***

M/W: 9 - 9:30 A.M.; 12 - 12:30 P.M.; 3:30 - 4:30 P.M.

T/R: 10 - 11 A.M.

F: 9 A.M. - 12 P.M.

*\*Or email/call for an appointment\**

**Purpose:** To provide a general understanding of human anatomy and physiology for those students in the allied health fields and to meet requirements for an Associate of Arts Degree or Associate in Science Degree.

**Objectives:**

1. To help the students acquire knowledge of normal development, structures, and functions of the human body.
2. To provide a foundation for the undergraduate college and university student.
3. To provide a foundation for understanding deviations from the normal in physiological function.

**Required Books:** The two most important pieces of the textbook bundle are:

1. Marieb, E.N. and Hoehn, K. (2016). *Human Anatomy and Physiology*. (10<sup>th</sup> ed.) Pearson.
2. Hutchinson, M., et al. (2007). *A Brief Atlas of the Human Body*. (2<sup>nd</sup> ed.) Pearson Benjamin Cummings.

**Lecture & Lab Materials:**

You will need to obtain many class materials from **Blackboard**.

The **Lecture and Lab Schedule** (pgs. 5 & 6 of this syllabus) tells you which ***lecture notes and lab handouts*** you will need to print from Blackboard and bring to class each week.

This schedule also contains all of the **test dates** for the semester.

*It is your responsibility to have the materials that you need each class day.*

## Attendance Policy:

Attendance is the student's responsibility, and students are expected to attend EVERY class and laboratory. *For complete details on the SPC attendance policy, be sure to see the class Blackboard page and the SPC Catalog or Student Handbook.*

*A student may be administratively dropped after **three unexcused absences**.* If the student is administratively dropped (e.g. instructor initiated) a grade of "W" or "F" will be assigned to the student. **Two tardies** are equal to one absence.

**Please do not assume your professor will drop you if you stop attending class.**

It is **your responsibility** to drop yourself from a course.

Drop forms are available from the SPC webpage. Then you must 1) have your professor sign the form and 2) take it to the Admissions & Records Office (Student Services Building).

*There are drop forms, already signed, available from your professors. I have drop forms for you posted on the bulletin board outside my office door.*

If you aren't dropped from the class (by either yourself or your professor), you will receive an "F." Please ask me if you have any questions about how to drop a class.

## Testing/Grading:

There will be 6 lecture exams which will comprise 75% of the total grade. Three lab exams (lab practicals) will comprise the remaining 25% of the grade.

Lecture exams are mostly multiple-choice but may also include short answer.

**Lab practicals are always fill-in-the-blank.**

A= 90-100; B= 80-89; C=70-79; D=60-69; F=0-59

To calculate your class average, use the following equation:

Lecture Exam Average (0.75) + Lab Practical Average (0.25)= Class Average

## HELPFUL HINTS:

*Learning to study effectively and study regularly is key in this class.* I can offer you tips and ideas on how to study better if you'd like.

**It is also extremely important to study any reviews** found on Blackboard.

Lecture exam reviews and lab tutorials (PowerPoints) are there to help you with the material & are extremely important to study!

With lecture exams, start using the review as soon as we begin the lecture notes, and be sure to study it at least 3 times. You should memorize the review *along with* the lecture notes to get the most benefit from it (instead of looking at it the night before the test).

**\*\*\* MISSED EXAM POLICY \*\*\*:**

- \* **There are NO “make-up” lecture exams** *except for an officially excused absence* such as an official trip authorized by the college or an official activity.
- \* A lecture exam that is missed for an official excused absence can be made up by taking a comprehensive final *at the end of the semester*. This final can ONLY replace ONE missed lecture exam. The second missed lecture exam will be a ZERO. (Also, this comprehensive final cannot be used to make up a missed lab practical exam).
- \* **MISSED LAB PRACTICALS CANNOT BE MADE UP.**  
A missed lab exam will result in a grade of ZERO for that exam, which will drop your class average by at least one letter grade. I also reserve the right to drop you from class if you miss a lab practical.
- \* If you know you will miss a lab practical exam for an ***officially excused absence***, you **MUST** contact me **IN ADVANCE** and arrange to take the exam with another class period. For example, this means if you miss the M/W 9:30 A.M. practical, you must make it up with the M/W 1:00 P.M. class.  
However, you must contact me before the test and arrange this at least a week in advance. Students who abuse this policy will be subject to having 10 points taken off of the said lab exam.

**Disability Statement:**

Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office (DSO). For more information, call or visit the DSO at Reese Center (Building 8) 806-716-4675, or Levelland (Student Health & Wellness Office) 806-716-2577.

**Diversity Statement:**

In this class, the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should and can be.

**Disclaimer:**

I reserve the right to modify the information, schedules, assignments, deadlines, and policies in this syllabus if and when necessary. Whenever possible I will announce such changes in a timely manner during regularly scheduled lecture or laboratory periods.

# BIOL 2401: Lecture & Lab Schedule

This schedule tells you what you need to print and bring to class for each *week* of the semester, plus all test dates.

## In Blackboard:

See the **Lecture Notes Folder** to print the Lecture Notes listed below.

See the **Labs Folder** to print the Lab **Handouts** listed below. (Make sure the file has "Handout" in its name).

You are not required to print the **Lab Tutorials** (which are PowerPoints) for class. However, many students find them very helpful to have during lab, used either as a paper copy or on a tablet/laptop.

## **JANUARY:** *Lecture Notes, Lab Handouts, and Tests*

+ **MLK DAY HOLIDAY:** *Monday, JAN. 16 +*

	<b>Week 1 +</b> (Beginning Mon. 16)	<b>Week 2</b> (Beginning Mon. 23)
<b>Lecture Notes:</b>	Histology	Histology <i>cont'd.</i>
<b>Lab Handout:</b>	Lab #1 (Histology)	Lab #1 <i>cont'd.</i> Lab #2 (Body Terms) Lab #3 (The Skull)—T/R Class only
<b>Lecture Exams/ Lab Practicals:</b>		

## **FEBRUARY:** *Lecture Notes, Lab Handouts, and Tests*

	<b>Week 3</b> (JAN. 30-FEB. 2)	<b>Week 4</b> (Beginning Mon. 6)	<b>Week 5</b> (Beginning Mon. 13)	<b>Week 6</b> (Beginning Mon. 20)
<b>Lecture Notes:</b>	*EXAM--See below; Integument	Integument	Integument <i>cont'd.</i>	*EXAM--See below; Skeletal System
<b>Lab Handout:</b>	Lab #3 (The Skull)	Lab #3 <i>cont'd.</i>	*EXAM--See below	Lab #4 (Thoracic Cage & Vertebral Column)
<b>Lecture Exams/ Lab Practicals:</b>	*JAN. 30/31: HISTOLOGY LECTURE EXAM		*FEB. 13/14: LAB PRACTICAL #1 (Labs 1-3)	*FEB. 20/21: INTEGUMENT LECTURE EXAM

## **MARCH:** *Lecture Notes, Lab Handouts, and Tests*

☀ **SPRING BREAK:** *MAR. 13-17* ☀

	<b>Week 7</b> (FEB. 27-MAR. 2)	<b>Week 8</b> (Beginning Mon. 6)	<b>Week 9</b> ☀ (Beginning Mon. 13)	<b>Week 10</b> (Beginning Mon. 20)	<b>Week 11</b> (Beginning Mon. 27)
<b>Lecture Notes:</b>	Skeletal System <i>cont'd.</i>	Skeletal System <i>cont'd.</i> ; *EXAM--See below		Muscular System	Muscular System <i>cont'd.</i>
<b>Lab Handout:</b>	Lab #5 (Pectoral Girdle & Upper Extremity)	Lab #6 (Pelvic Girdle & Lower Extremity)	<b>SPRING BREAK</b>	Lab #6 <i>cont'd.</i>	*EXAM--See below; Lab #7 (Muscles of the Head & Torso)
<b>Lecture Exams/ Lab Practicals:</b>		*MAR. 8/9: SKELETAL SYSTEM LECTURE EXAM			*MAR. 27/28: LAB PRACTICAL #2 (Labs 4-6)

# BIOL 2401: Lecture & Lab Schedule

This schedule tells you what you need to print and bring to class for each *week* of the semester, plus all test dates.

**APRIL:** *Lecture Notes, Lab Handouts, and Tests*

**++ EASTER HOLIDAY: MAR. 17 ++**

**∴ LAST DAY TO DROP: Thursday, APRIL 27**

> **Week 12:** *We will start the Nervous System I lecture notes AFTER the lecture exam on April 3/4.*

>> **Week 14:** *We will start the Nervous System II lecture notes AFTER the lecture exam on April 18/19.*

	<b>Week 12 &gt;</b> (Beginning Mon.3)	<b>Week 13</b> (Beginning Mon. 10)	<b>Week 14 ++</b> (Beginning Mon. 17 )	<b>Week 15 ∴</b> (Beginning Mon. 24)
<b>Lecture Notes:</b>	*EXAM--See below; >Nervous System I	Nervous System I <i>cont'd.</i>	*EXAM--See below; >>Nervous System II	Nervous System II <i>cont'd.</i>
<b>Lab Handout:</b>	Lab #7 <i>cont'd.</i>	Lab #8 (Muscles of the Anterior Arm & Leg) Lab #9 (Muscles of the Posterior Arm & Leg)		Lab #10 (Brain & Cranial Nerves); Labs #7-#9 <i>cont'd.</i>
<b>Lecture Exams/ Lab Practicals:</b>	<b>*APRIL 3/4: MUSCULAR SYSTEM LECTURE EXAM</b>		<b>*APRIL 18/19: NERVOUS SYSTEM I LECTURE EXAM</b>	

**MAY:** *Week 16 & Final Exam Week Lab Practical Schedule*

	<b>Week 16</b> (Beginning Mon. 1)	<b>Week 17 (Finals Week)</b> (Beginning Mon. 8)
<b>Lecture Notes:</b>	<i>Lecture as needed;</i> *EXAM--See below	----
<b>Lab Handout:</b>		*EXAM--See below for special exam times
<b>Lab Practicals:</b>	<b>*MAY 3/4: NERVOUS SYSTEM II LECTURE EXAM</b>	<b>* LAB PRACTICAL #3 TIMES:</b> (Labs 7-10)  M/W 9:30 AM Class: <b>Monday, MAY 8, 10:15 AM to 12:15 PM</b> M/W 1 PM Class: <b>Monday, MAY 8, 1 PM to 3 PM</b> T/R 11 AM Class: <b>Tuesday, MAY 9, 10:15 AM to 12:15 PM</b>