

Spring 2019

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

Ms. Letitia Simpson  
Sections: 001, 004, 010



# Human Anatomy & Physiology 1

Biology 2401  
Spring 2019

**Professor:** Ms. Letitia Simpson  
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**Office Hours:\***

M/W: 9 - 9:30 A.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. (2018). *Human Anatomy and Physiology*. (11<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**.

**\*\* Please pay attention to announcements made in class telling you what to print from Blackboard to bring to class. \*\***

The **Lecture and Lab Schedule** (page 5 of this syllabus) tells you some important information, including all **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 signed drop forms for you posted on my office door (S120) in a large red envelope.***

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 missed lecture exam can only be made up by taking a comprehensive final at the end of the semester. This final can ONLY replace ONE missed lecture exam (but cannot replace a missed lab practical). The second missed lecture exam will be a ZERO.
- \* **MISSED LAB PRACTICALS CANNOT BE MADE UP.**  
A missed lab practical is automatically a ZERO, which will lower your 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 for an **officially excused absence**, you **MUST** contact me **IN ADVANCE** and *arrange to take the exam with another class period*. For example, 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.  
You must contact me at least 3 days before the exam to arrange this. Students who abuse this policy will be subject to having 10 points taken off of the said lab exam.

**Academic Integrity:**

Students who are caught cheating (see full definition of cheating in the SPC Catalog under Academic Integrity) will receive a grade of zero for the exam, and may be dropped from the course with an F, or face possible suspension from SPC.

**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.

**Pregnancy Accommodations Statement:**

If you are pregnant, or have given birth within six months, Under Title IX you have a right to reasonable accommodations to help continue your education. To activate accommodations you must submit a Title IX pregnancy accommodations request, along with specific medical documentation, to the Director of Health and Wellness. Once approved, notification will be sent to the student and instructors. It is the student’s responsibility to work with the instructor to arrange accommodations. Contact Chris Straface, Director of Health and Wellness, for assistance (806-716 2362 [cstraface@southplainscollege.edu](mailto:cstraface@southplainscollege.edu)).

**Disclaimer:**

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

# BIOL 2401: Lecture & Lab Schedule

## In Blackboard:

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

See the **Labs Folder** to print the Labs 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.

## LECTURE NOTE TOPICS & EXAMS:

### LECTURE NOTES:

HISTOLOGY  
INTEGUMENT  
SKELETAL SYSTEM  
MUSCULAR SYSTEM  
NERVOUS SYSTEM I  
NERVOUS SYSTEM II

### LECTURE EXAM DATES:

HISTOLOGY EXAM-- JAN. 28/29  
INTEGUMENT EXAM-- FEB. 18/19  
SKELETAL SYS. EXAM-- MAR. 6/7  
MUSCULAR SYS. EXAM-- APR. 3/4  
NERVOUS SYS. I EXAM-- APR. 15/16  
NERVOUS SYS. II EXAM-- MAY 1/2

*Lecture exams will be primarily multiple choice and matching questions (but may also True/False and short answer).*

## LAB TOPICS & EXAMS:

### LABS:

HISTOLOGY (Lab 1)  
BODY TERMINOLOGY (Lab 2)  
The SKULL (Lab 3)  
The SKELETON (Labs 4, 5, 6)  
SKELETAL MUSCLES (Labs 7, 8, 9)  
BRAIN & CRANIAL NERVES (Lab 10)

### LAB EXAM (PRACTICAL) DATES:

LAB PRACTICAL #1: (Labs 1, 2, 3)-- FEB. 11/12  
LAB PRACTICAL #2: (Labs 4, 5, 6)-- MAR. 20/21  
LAB PRACTICAL #3: (Labs 7, 8, 9, 10)-- SEE BELOW!

\* LAB PRACTICAL #3 EXAM DAYS/TIMES: (Labs 7-10)

M/W 9:30 AM Class: Monday, MAY 6, 10:15 AM to 12:15 PM

M/W 1 PM Class: Monday, MAY 6, 1 PM to 3 PM

T/R 11 AM Class: Tuesday, MAY 7, 10:15 AM to 12:15 PM

*Lab exams (lab practicals) will be primarily fill-in-the-blank questions.*

*These questions are usually from bones & models but may also be from images/photos.*