

Syllabus for BIOL 247L: Human Anatomy and Physiology Lab I Spring 2019

Prerequisite or corequisite: BIOL 237: Human Anatomy and Physiology I

I. General Information:

Instructor:	Jeff W. Hill, Ph.D.	Course Number:	BIOL 247L (1 credit hour)
Office:	Academic Affairs 103	Section Number:	501
Office Phone:	505-925-8630	Semester/Year:	Spring 2019
Office Hours:	M 3:00 p.m. - 4:00 p.m.	Campus/Room:	Valencia Health Sciences 113
E-mail:	jwhill@unm.edu	Meeting Time:	M 10:30 a.m. - 1:15 p.m.
MES Home Page:	https://valencia.unm.edu/academics/divisions/mathematics,-engineering,-and-science-mes.html		

II. Course Description:

A continuation of BIOL 237 to include histology, skeletal, muscular, and nervous systems.

III. Textbooks/Materials/Resources:

Required Textbook:

Laboratory Manual for Anatomy and Physiology, Wise, 8th edition (ISBN 978-1-2598-8027-8).

Anatomy & Physiology Connect Access, Saladin, 8th edition (ISBN 978-1-2598-8019-3).

Section Web Address:

<http://connect.mheducation.com/class/j-hill-biol-247l-501-spring-2019>

IV. Learning Outcomes Statements:

Upon completion of this course the student will be able to:

Outcome #1: **Recognize and appropriately use anatomical and physiological terminology.**

Outcome #2: **Discuss anatomy and physiology of the histology, skeletal, muscular, and nervous systems.**

Outcome #3: **Identify anatomy of the aforementioned body systems in A&P Revealed and human cadavers.**

V. Course Requirements:

Attendance: Students enrolled for credit or audit are expected to attend all class sessions. A sign-up sheet will be handed out at the start of each class.

Students missing the first class without contacting the instructor may be dropped.

Students missing the first 2 classes for any reason will be dropped.

Students who miss the equivalent of 15% of class time (3 classes) will be dropped by the instructor.

Students must keep in mind, however, that it is ultimately their responsibility to withdraw from the course.

February 1st - Last day to drop for 100% tuition refund/last day to drop without a "W."

April 12th - Last day to withdraw without student services permission.

Absences do not relieve students of the responsibility for missed assignments and materials covered in class.

Grading: Grading will be based on:

1. In-class Assignments:

- 18 Lab Activities to be performed in the lab, 15 points each.
- 2 Exams, 100 points each
- MAKEUP EXAMS WILL NOT BE ALLOWED. Makeup exams can be taken only if a university-accepted excuse (i.e. documented illness or medical leave) IS PROVIDED IN WRITING during the class period following the absence.
- Grades WILL NOT be curved.

2. Online Assignments:

- 13 A&P Revealed Connect Modules, 30 points each, to be completed online during each class.

3. Other Requirements:

- Students missing more than 2 classes will be dropped without notice.
- Students are expected to do APR practice assignments before class.
- Students are responsible for seeking information on any assignments that may have been given out in their absence.

VI. Grading:

	Points per assignment:	Total Points:	Percentage of overall grade:
18 Lab Activities	15 pts each	270pts	31%
13 APR Connect Modules	30 pts each	390 pts	45%
2 Exams	100 pts each	200 pts	23%
TOTAL		860 pts	100%

For this class grade:	You need this percentage:
A	90 - 100%
B	80 – 89%
C	70 - 79%
D	60 - 69%
F	< 60%

VII. Academic Dishonesty:

Academic Integrity:

Having academic integrity is paramount to your success in any class. Plagiarism or cheating is not tolerated. Any instance of this will result in a grade of 0 for that assignment.

UNM Academic Dishonesty Policy:

<https://policy.unm.edu/regents-policies/section-4/4-8.html>. The policy states: Each student is expected to maintain the highest standards of honesty and integrity in academic and professional matters. The University reserves the right to take disciplinary action, up to and including dismissal, against any student who is found guilty of academic dishonesty or who otherwise fails to meet the expected standards. Any student judged to have engaged in academic dishonesty in course work may receive a reduced or failing grade for the work in question and/or for the course.

Academic Dishonesty is defined as:

"Academic dishonesty" includes, but is not limited to, dishonesty in quizzes, tests, or assignments; claiming credit for work not done or done by others; hindering the academic work of other students; misrepresenting academic or professional qualifications within or without the University; and nondisclosure or misrepresentation in filling out applications or other University records.

The following are some forms of cheating:

- Copying a fellow student's work or copying a previous student's work.
- Notes written on body parts, clothing, cheat sheets, etc... at the time of a test.
- Any form of communication with your neighbor during a test.
- Talking to anyone but the instructor or proctor during a quiz or examination.
- Communicating via cell phones with other people during a test.
- Notes or books open during in-class exams and quizzes.
- Disclosing or soliciting examination questions to those who may have been absent from an exam.
- Plagiarism (copying entirely or whole phrases from books or websites).
- Any two students handing in assignments with word-for-word responses.

VIII. Other Information:

- **Cell phones and other electronic devices:** In accordance with the UNM Valencia Student Handbook, cell phones are not permitted in the classroom. They must be silenced and put away. Cell phones that ring or are used during class or testing will result in the student being excused from the class or test. Per the grading policy, makeup quizzes and exams are not allowed.
- **Need Help?** The STEM and Learning Center have tutors and resources available to you free of charge.

- **Do you have a documented disability?** If you have a documented disability, the Equal Access Services office will provide me with a letter outlining your accommodations. I will then discuss the accommodations with you to determine the best learning environment. If you feel that you need accommodations, but have not documented your disability, please contact Jeanne Lujan, the coordinator for Equal Access Services at 925-8910 or jmlujan@unm.edu.

**IX. Course Schedule for BIOL 247L 501, Spring 2019, UNM
Valencia:**

WEEK	DATE	TOPIC	CHAPTER	Connect APR MODULE
1	Jan. 14	Organs, Systems, and Organization of the Body Tissues	2 5	0, 1, 3
2	Jan. 21	NO CLASS		
3	Jan. 28	Integumentary System	6	4
4	Feb. 4	Introduction to the Skeletal System Axial Skeleton	7 8	5
5	Feb. 11	Appendicular Skeleton	9	5
6	Feb. 18	Joints	10	5
7	Feb. 25	Axial Muscles 1: Muscles of the Head and Neck Axial Muscles 2: Muscles of the Trunk	11 12	6
8	March 4	Midterm Exam		
9	March 11	NO CLASS		
10	March 18	Appendicular Muscles 1: Upper Limb Appendicular Muscles 2: Lower Limb	13 14	6
11	March 25	Muscle Physiology with Vernier	15	
12	April 1	Nervous Tissue, the Spinal Cord, and Spinal Nerves	16	7
13	April 8	The Brain and Cranial Nerves	17	7
14	April 15	Introduction to Sensory Receptors Taste and Smell	19 20	7
15	April 22	Eye and Vision Ear, Hearing and Equilibrium	21 22	7
16	April 29	Final Exam		

*Topics or assignments may change as needed. Announcements regarding such changes will be made during regular class hours. Students who are absent or tardy when such announcements are made will still be held responsible for the changes.