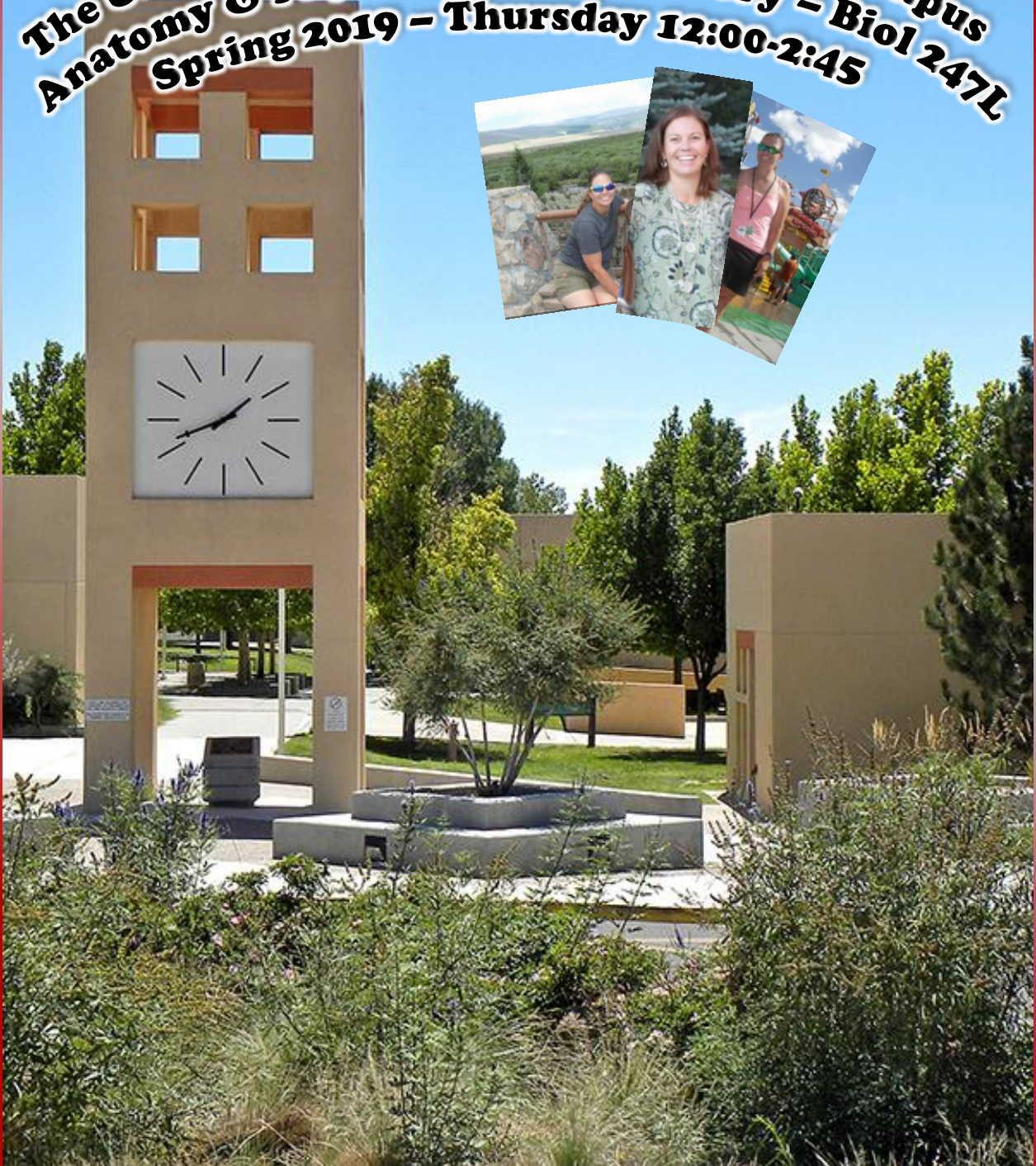


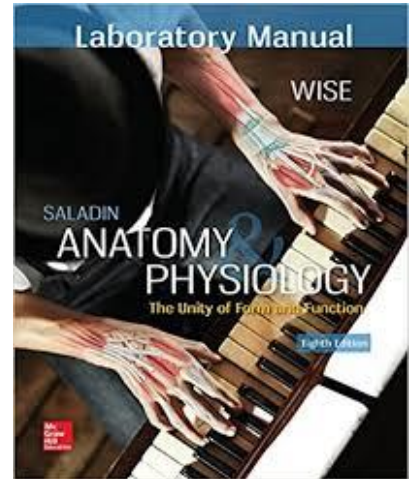


**The University of New Mexico Valencia Campus  
Anatomy & Physiology I Laboratory – Biol 247L  
Spring 2019 – Thursday 12:00-2:45**



## Welcome

Welcome to Anatomy & Physiology I Laboratory! This lab is designed to accompany Biol 237, the lecture course of Anatomy & Physiology. While both courses cover A&P, in general, the lab will have more anatomy and the lecture will have more physiology. This course does involve the use of human cadavers. During our class all the work will be observation and identification. We will not dissect. Everybody will have a different comfort level in working with cadavers and I completely understand. Some of you are excited for the opportunity. While others are a bit apprehensive. I will not force you in any way to visit the cadaver lab during weekly class. That being said, no person will be exempt from examination material. Your midterm and final exam will have cadaver lab components.



## Course Description

This course is a one hour credit biology lab to be taken with or after BIOL 237. It is a laboratory using human cadavers. Anatomy is stressed with appropriate physiological works.

## Office Hours

***Mondays 10am-12pm***

***Tuesdays 8am-10am***

***Wednesdays 10am-12pm***



## Student Learning Objectives

By the end of this course you will be able to.....

1. Apply the scientific method correctly.
2. Collect, analyze, and interpret scientific data.
3. Use laboratory equipment, such as a microscope, correctly and safely.
4. Identify the anatomical components of human tissues, organs, and organ systems using prepared microscope slides, models, diagrams, illustrations, or cadaver specimens.
5. Describe the functional characteristics of human tissues, organs, and organ systems using prepared microscope slides, models, diagrams, illustrations, or cadaver specimens.
6. Analyze the physiological processes of the integumentary, skeletal, muscular, nervous systems and the body's senses.



## Course Policies

**Anatomy and Physiology Revealed.** Homework will be assigned through APR. You will need to complete homework prior to coming to class.

**Attendance.** Attendance is necessary for you to participate in lab as well as fully understand the material presented. This means getting to class on time and completing the exercises covered. If you are more than 2 minutes late, you will be marked absent.

**Cell phones.** As a courtesy to the class, please turn off all cell phones. Any sight of your cell phone during exams and quizzes will result in automatic fail for that assignment. Absolutely under no condition is a cell phone allowed in the cadaver laboratory.



**Cheating.** There has been a history of cheating in this course. You will be docked significantly in your final course grade and/or reported to the Dean of Instruction if you are caught. If I don't catch you, someone else will.

**Family Educational Rights and Privacy Act (FERPA).** The Family Educational Rights and Privacy Act (FERPA) (20 U.S.C. § 1232g; 34 CFR Part 99) is a Federal law that protects the privacy of student education records. FERPA does not allow disclosure of grades over email as it is not possible to authenticate identity through this medium.

**Financial Assistance.** It is your responsibility to know policies for funding your education. It is your responsibility to maintain funding for your education.

**Food and Drink.** There will be NO Food or Drink in the lab room. Water bottles are considered a drink.

**Make-up Exams/Quizzes.** There are no make-up exams. Make-up quizzes will be given at the instructor's discretion. Only one make-up quiz will be given during a semester.

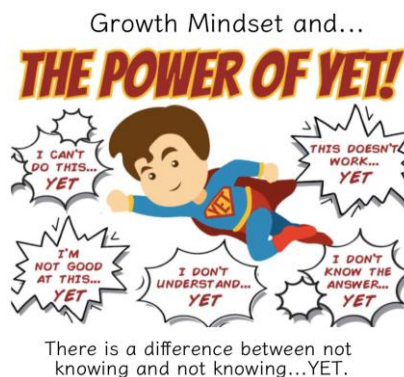
**Students with disabilities.** If you have documentation describing any academic adjustments you are eligible for, please see me to ensure that your needs are met in a timely manner.

## Course Policies Continued

**University Policy.** You are responsible for knowing all university policies that are in the student catalog. This includes policy on cheating, plagiarism, and grade options. You are responsible for maintaining your scholarship or funding for your education.

**UNM Learn.** All materials for this class will be distributed through UNM Learn ([learn.unm.edu](http://learn.unm.edu)). You are responsible for all material distributed here. The due dates and due times are strictly enforced.

**Withdrawal.** If you drop the course after the deadline to drop without a grade, Friday February 1<sup>st</sup>, a grade of W may be given. You cannot withdraw without permission after Friday, April 5<sup>th</sup>.



## Required Learning Resources

**Lab Manual:** Anatomy & Physiology: The Unity of Form and Function Laboratory Manual by Wise, 2015, 8<sup>th</sup> edition. McGraw Hill Publisher. You will also need access to Anatomy & Physiology Revealed. You will access to APR through McGraw-Hill Connect.

**Anatomy & Physiology Revealed:** You will need access to McGraw-Hill's 'Connect.' This is the same access code you use for the lecture course, which you have already purchased. If you are not enrolled in BIOL 237 please see me and I will get you situated.

**Internet:** You will need reliable and frequent internet access for this course. If you do not have this at home, you will have to go somewhere that does. Lack of internet will not be an excuse for missed assignments. You will need to keep your electronic device updated, especially the browser. Issues with electronics will not be an excuse for missed assignments. Do not wait until the last minute to complete your work.

## Course Grading Policy

Quizzes will be nearly every other week.  
The lowest quiz grade will be dropped.  
All quizzes will be 25 points each.

Homework will be assigned through McGraw-Hill's Anatomy & Physiology Revealed. These assignments are due by 12:00pm, no exceptions. These assignments are graded based on completion and not correctness, usually.

Quizzes (5 of 6)	30%
Pre-lab APR Homework	15%
Post lab Connect	15%
Midterm Exam	15%
Final Exam	25%

Post lab Connect assignments are to be completed by Thursday 11:59pm following class. These will be completed in Connect. These assignments are graded based on correctness.

Grades will be assigned on your percentage as follows:

A+ 97-100	B+ 87-89.99	C+ 77-79.99	D 60-69.99
A 93-96.99	B 83-86.99	C 73-76.99	F Below 60
A- 90-92.9	B- 80-82.99	C- 70-72.99	



## Anatomy & Physiology Revealed

1. Login into LEARN.UNM.EDU.
2. Locate the appropriate APR assignment.
3. Copy the "my Course Content Code." i.e. GfYrh
4. Login into APR through Connect.
5. Click on green my icon.
6. Click on ADD/DELETE List icon.
7. Add content code and select list.
8. Select the appropriate module.
9. Complete the work in:
  - a. my Dissection
  - b. my Animation
  - c. my Histology
  - d. my Imaging

\*Note-not all sections will have work assigned.

1. To earn credit for this work you must take a Quiz. Click on *Take my Quiz*.
2. Use the instruction in the Learn assignment to take the appropriate quiz.
3. Submit the quiz results as a PDF in the assignment in LEARN.UNM.EDU.



## Weekly Schedule



Jan 17 <sup>th</sup>	Ex. 2	Organs, Systems, and Organization of the Body
	Ex. 3	Microscopy
Jan 24 <sup>th</sup>	Ex. 4	Cell Structure and Function
	Ex. 5	Tissues
Jan 31 <sup>st</sup>	Ex. 6	Integumentary System
Feb 7 <sup>th</sup>	Ex. 10	Joints
Feb 14 <sup>th</sup>	Ex. 7	Introduction to the Skeletal System
	Ex. 8	Axial Skeleton
Feb 21 <sup>st</sup>	Ex. 9	Appendicular Skeleton
Feb 28 <sup>th</sup>	Ex. 11	Axial Muscles – Head and Neck
	Ex. 12	Axial Muscles – Trunk
Mar 7 <sup>th</sup>		Midterm Exam
Mar 21 <sup>st</sup>	Ex. 13	Appendicular Muscles – Upper limb
	Ex. 14	Appendicular Muscles – Lower limb
Mar 28 <sup>th</sup>		Muscle Physiology w/ Vernier
Apr 4 <sup>th</sup>	Ex. 16	Nervous Tissue, the Spinal Cord, and Spinal Nerves
Apr 11 <sup>th</sup>	Ex. 17	The Brain and Cranial Nerves
Apr 18 <sup>th</sup>	Ex. 19	Cutaneous Senses
	Ex. 20	Taste and Smell
Apr 25 <sup>th</sup>	Ex. 21	Eye and Vision
	Ex. 22	Ear, Hearing, and Equilibrium



## Assignment Schedule

<input type="checkbox"/> Tues	Jan 22 <sup>nd</sup>	Connect Review Week 1
<input type="checkbox"/> Thur	Jan 24 <sup>th</sup>	APR #1
<input type="checkbox"/> Tues	Jan 29 <sup>th</sup>	Connect Review Week 2
<input type="checkbox"/> Thur	Jan 31 <sup>st</sup>	APR #2
<input type="checkbox"/> Tues	Feb 5 <sup>th</sup>	Connect Review Week 3
<input type="checkbox"/> Thur	Feb 7 <sup>th</sup>	APR #3 – Quiz #1
<input type="checkbox"/> Tues	Feb 12 <sup>th</sup>	Connect Review Week 4
<input type="checkbox"/> Thur	Feb 14 <sup>th</sup>	APR #4
<input type="checkbox"/> Tues	Feb 19 <sup>th</sup>	Connect Review Week 5
<input type="checkbox"/> Thur	Feb 21 <sup>st</sup>	APR #5 – Quiz #2
<input type="checkbox"/> Tues	Feb 26 <sup>th</sup>	Connect Review Week 6
<input type="checkbox"/> Thur	Feb 28 <sup>th</sup>	APR #6 – Quiz #3
<input type="checkbox"/> Tues	Mar 19 <sup>th</sup>	Connect Review Week 7
<input type="checkbox"/> Thur	Mar 21 <sup>st</sup>	APR #7
<input type="checkbox"/> Tues	Mar 26 <sup>th</sup>	Connect Review Week 10
<input type="checkbox"/> Thur	Mar 28 <sup>th</sup>	APR #8 – Quiz #4
<input type="checkbox"/> Tues	Apr 2 <sup>nd</sup>	Connect Review Week 11
<input type="checkbox"/> Thur	Apr 4 <sup>th</sup>	APR #9
<input type="checkbox"/> Tues	Apr 9 <sup>th</sup>	Connect Review Week 12
<input type="checkbox"/> Thur	Apr 11 <sup>th</sup>	APR #10 – Quiz #5
<input type="checkbox"/> Tues	Apr 16 <sup>th</sup>	Connect Review Week 13
<input type="checkbox"/> Thur	Apr 18 <sup>th</sup>	APR #11
<input type="checkbox"/> Tues	Apr 23 <sup>rd</sup>	Connect Review Week 14
<input type="checkbox"/> Thur	Apr 25 <sup>th</sup>	APR #12 – Quiz #6
<input type="checkbox"/> Tues	Apr 30 <sup>th</sup>	Connect Review Week 15

