The University of New Mexico Valencia Campus
Anatomy & Physiology I Laboratory – Biol 247L
Spring 2019 – Thursday 12:00-2:45
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). 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 1st, a grade of W may be given. You cannot withdraw without permission after Friday, April 5th.

![Growth Mindset and...](image)

There is a difference between not knowing and not knowing...YET.

**Required Learning Resources**


**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.

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 17th Ex. 2 Organs, Systems, and Organization of the Body
   Ex. 3 Microscopy
Jan 24th Ex. 4 Cell Structure and Function
   Ex. 5 Tissues
Jan 31st Ex. 6 Integumentary System
Feb 7th Ex. 10 Joints
Feb 14th Ex. 7 Introduction to the Skeletal System
   Ex. 8 Axial Skeleton
Feb 21st Ex. 9 Appendicular Skeleton
Feb 28th Ex. 11 Axial Muscles – Head and Neck
   Ex. 12 Axial Muscles – Trunk
Mar 7th Ex. 13 Appendicular Muscles – Upper limb
   Ex. 14 Appendicular Muscles – Lower limb
Mar 21st Ex. 15 Midterm Exam
Mar 28th Ex. 16 Nervous Tissue, the Spinal Cord, and Spinal Nerves
   Ex. 17 The Brain and Cranial Nerves
Apr 4th Ex. 18 Cutaneous Senses
   Ex. 19 Taste and Smell
Apr 11th Ex. 20 Eye and Vision
   Ex. 21 Ear, Hearing, and Equilibrium
Apr 18th Ex. 22

Assignment Schedule

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