

Human Anatomy & Physiology Laboratory J – Spring 2018

Biology 247L; 502 – Tuesday 12:00-2:45

Instructor: Dr. Melanie Sanchez-Dinwiddie

Office: Health Sciences Building, 100A

Office hours: I am here for you to succeed. If you need to see me outside of class please stop by anytime or schedule an appointment. I will be in my office during the following scheduled times: Monday 10:30-12:00 and 1:00-3:00, Wednesday 10:30-12:00, Thursday 1:00-3:00.

Phone: 925-8875

Email: melasanc@unm.edu

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.

Required Lab Manual:

Anatomy & Physiology: The Unity of Form and Function Laboratory Manual by Wise, 2015, 7th edition. McGraw Hill Publisher. You will also need access to *Anatomy & Physiology Revealed*. You will access to APR through McGraw-Hill Connect.

Student Learning Objectives:

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

- use laboratory equipment, such as the microscope, correctly and safely,
- recognize and demonstrate anatomical and physiological terminology,
- identify human tissues or organs using prepared microscope slides,
- analyze anatomical and physiological features of the integumentary, skeletal, muscular, and nervous systems on a figure, model, or human cadaver.

Grading policy: The course grade will be determined as follows:

Quizzes (5 out of 6)	25%
Pre-lab assignments APR	20%
Post-lab assignments Connect Quiz	10%
Midterm	20%
Final Exam	25%

Course Requirements:

Attendance. Attendance is necessary for you to participate in lab as well as to fully understand the material presented. This means getting to class on time and completing the exercises covered. I do not

recognize an excused absence versus an unexcused absence. You are either here or not. After three absences you will most likely be dropped from the class. You will be held responsible for all material and information regardless of whether you were present.

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

UNM Learn. This is where you will find course materials and pre-class assignments: learn.unm.edu.

- Course syllabus
- Exam study guides
- Pre-lab assignments
- Email for instructor and classmates
- Gradebook

Withdrawal. If a student drops the course after the deadline to drop, Friday, April 14th, a grade of **W** may be given. It will be at the instructor's discretion whether a W will be granted. This means by withdrawing you may earn a grade of F.

Financial Assistance. It is the student's responsibility to know policies for funding their education. It is the student's responsibility to maintain funding for their education.

Make-up Exams. There are no make-up exams in this course. Make-up quizzes are given at the instructor's discretion.

Cell phones. As a courtesy to the class, please turn off all cell phones. Do not text message during class (this is highly annoying and I can see you). Any sight of a cell phone during exams or quizzes will result in an automatic fail for that assignment.

Food. There will be no food or drink.

Human cadavers. I understand there will be some of you who are uncomfortable in working with human cadavers. The amount of interaction I will require with the cadavers is on the midterm and final exams. No person will be exempt from the examination material. We must maintain the highest level of safety in the cadaver laboratory. You will be required to enter with a laboratory coat (provided by UNMValencia). Keep long hair tied back. Make every effort not to contaminate you and/or your belongings. Absolutely under no circumstance will a cell phone be allowed in the cadaver laboratory. Please be courteous to these individuals at all times.

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. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education. FERPA does not allow disclosure of grades over email as it is not possible to authenticate identity through this medium.

Special Needs:

Qualified students with disabilities needing appropriate academic adjustments should contact the instructor by the end of the 1st week of the semester to ensure that your needs are met in a timely manner.

Week	Date	Exercise	Prosection Meets
1	Tuesday, January 16 th	#2 Organs, Systems, and Organization of the Body	
2	Tuesday, January 23 rd	#6 Tissues	Wednesday 1/24 Knees
3	Tuesday, January 30 th	Quiz #1 #7 Integumentary System #11 Articulations	
4	Tuesday, February 6 th	#8 Introduction to the Skeletal System #9 Axial Skeleton	Wednesday 2/7 Torso, Arm, Hand
5	Tuesday, February 13 th	Quiz #2 #10 Appendicular Skeleton	
6	Tuesday, February 20 th	#12 Introduction to the Study of Muscles and Muscles of the Upper Extremity	Wednesday 2/14 Abdomen, Leg
7	Tuesday, February 27 th	Quiz #3 #15 Muscles of the Trunk	
8	Tuesday, March 6 th	❖ Midterm Exam	
9	Tuesday, March 13 th	<i>Off – Spring Break</i>	
10	Tuesday, March 20 th	#13 Muscles of the Lower Extremity #14 Muscles of the Head and Neck	Wednesday 3/21 Spinal Cord, Face
11	Tuesday, March 27 th	Quiz #4 #17 Introduction to the Nervous System	
12	Tuesday, April 3 rd	#19 The Spinal Cord and Spinal Nerves	Wednesday 4/3 Brain
13	Tuesday, April 10 th	Quiz #5 #18 The Brain and Cranial Nerves	
14	Tuesday, April 17 th	#21 Introduction to Sensory Receptors #22 Taste and Smell	
15	Tuesday, April 24 th	Quiz #6 #23 Eye and Vision #24 Ear, Hearing and Equilibrium	
16	Tuesday, May 1 st	❖ Final Exam	