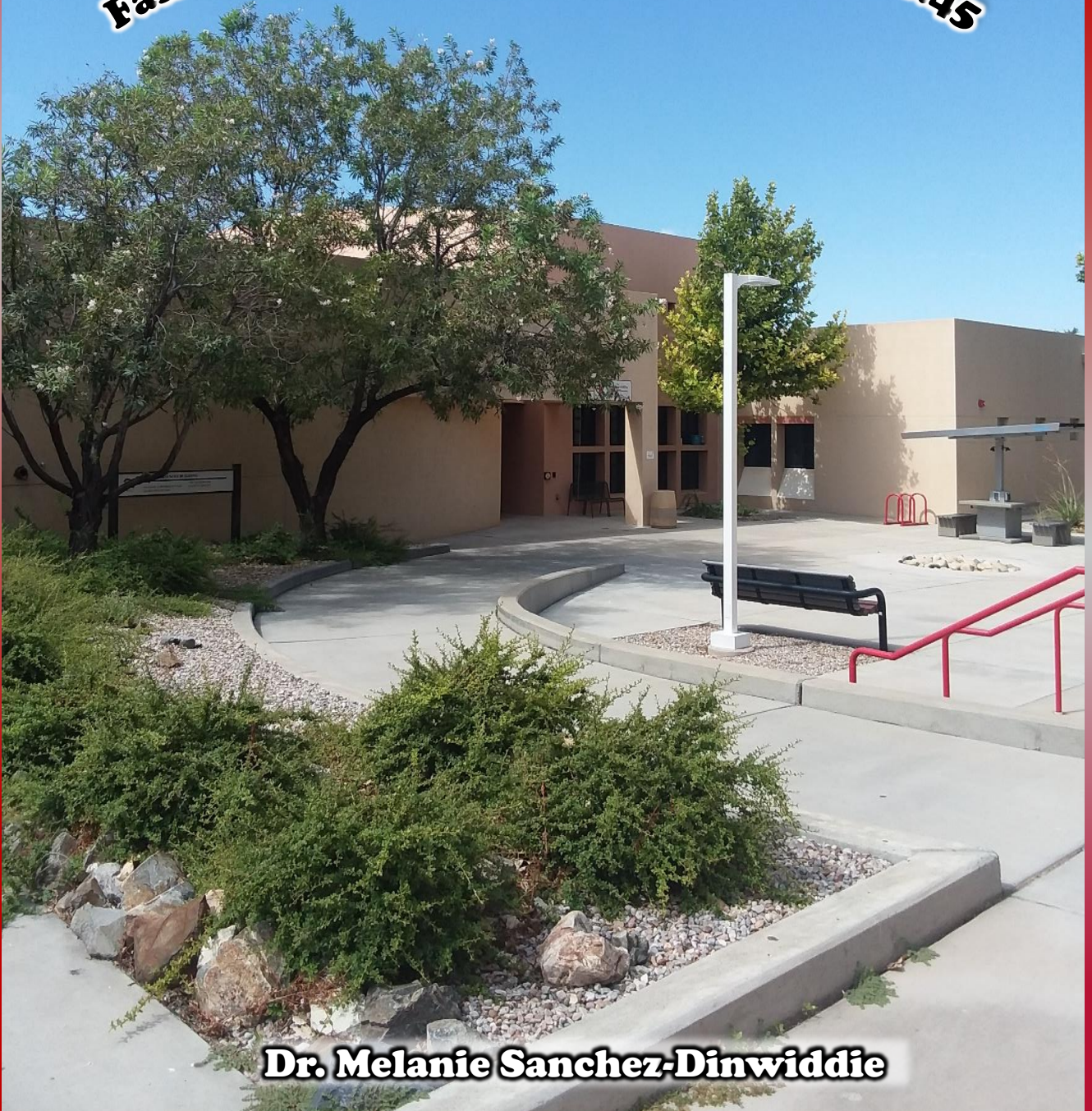




**NM** VALENCIA



**The University of New Mexico Valencia Campus  
Anatomy & Physiology I – BIOL 2210  
Fall 2019 – Tuesday/Thursday 10:30-11:45  
H101**



**Dr. Melanie Sanchez-Dinwiddie**

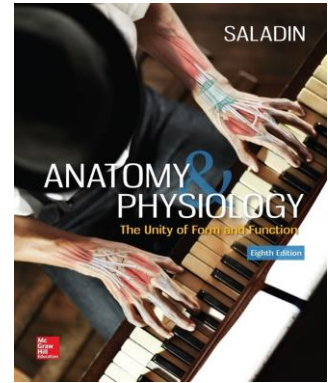
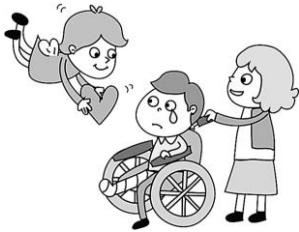
## Welcome

Welcome to Anatomy & Physiology I! I am excited for you to be here. I am passionate about teaching and I hope this class is fun, engaging, and inspirational. My goal as a teacher goes beyond the science of anatomy and physiology. Anatomy and physiology are key topics, for they lay the foundation in which your health career will reside, but a stronger foundation involves:

- a strong work ethic,
- the ability to perform critical thinking,
- efficient oral and written communication, and
- skilled problem solving ability.

These skills are reported to be among the list of top 10 skills that employers desire in recent college graduates. In addition to making you desirable to an employer, these skills will make you a better health care provider for your patients.

This class is not going to be easy. It will frustrate you and exhaust you at times, but I hope you realize the value in your hard work. You are not simply studying and learning for a grade, you are learning for your patient. Your patient is not an exam or grade. Your patient is someone's mother, child, friend, or simply someone in need. As a health care provider you hold another person's world in your hands and in that moment you will want to know every detail about their medical needs, in order to help.



## BIOL 2210: Human Anatomy and Physiology I Course Description

This course is the first of two that serve as an introduction to human anatomy and physiology for biology majors and allied health students. The course entails describing, explaining, and analyzing structure and function from the submicroscopic to the organismal level with emphasis on anatomic, directional and sectional terminology, basic cellular structure and metabolism, tissue differentiation and characteristics, and organ system structure and function; Specifically the integumentary, skeletal, muscular, and nervous systems.

### Office Hours

*Mondays 10am-12pm; 1-3pm*

*Wednesdays 10am-12pm*

### Contact Information

*Email: [MELASANE@UNM.EDU](mailto:MELASANE@UNM.EDU)*

*Phone: 925-8875 or 925-8600*

*Office: H100A*





## Student Learning Objectives

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

- ❖ Describe and apply anatomical terminology.
- ❖ Describe multi cellular organization
- ❖ Distinguish and describe major tissue types.
- ❖ Describe the structure and function of the integumentary, skeletal, muscular, and nervous systems, and special senses.
- ❖ Define homeostasis and describe specific examples for the integumentary, skeletal, muscular, and nervous systems.
- ❖ Develop skills that are used in a health care field setting. These skills include, but are not limited to: analysis of information, communication with peers and supervisors, creativity, problem solving, and self-motivation.

## Required Learning Resources

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.



**Textbook:** You will need access to McGraw-Hill's 'Connect.' There are access codes available in the UNM- Valencia bookstore. With access you will be able to upgrade to a print copy if you wish. These access codes are valid for 2 semesters. Saladin, Kenneth S. Anatomy & Physiology: The Unity of Form and Function. McGraw-Hill, 8th ed., 2018.

**UNM Learn [learn.unm.edu](http://learn.unm.edu):** All course materials will be distributed through Blackboard Learn. Plus grades will be recorded in Learn.

## Course Policies/Information

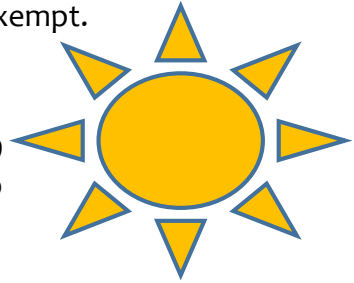
- **Attendance.** I do not recognize an excused absence versus an unexcused absence. You are either here or not, even if it is a valid excuse. If you have to miss class you are responsible for acquiring the information covered in class. Please refer to your syllabus or contact fellow students for the information you missed. I will be recording attendance at the beginning of class. If you arrive after I have recorded attendance you are marked absent.
- **Cell phones.** Be courteous. When your phone is out everyone knows.

- **Email Netiquette.** In this day and age it is easy to be lax with your email language, grammar, and punctuation. This course is a formal and professional setting and so you should conduct yourself in that manner at all times. When writing an email avoid shorthand. For example, never use 'u' always write out 'you.' Always use an appropriate subject heading; do not leave this blank. Use an appropriate salutation and closing. Some examples are "Dear Dr. Sanchez," "Good Morning Dr. Mel," or "Hello Dr. Sanchez-Dinwiddie," and "Thank you for your time," "Sincerely," or "Have a nice day." When you enter your career of choice appropriate titles are appreciated. Finally proofread and spell check. Having good email etiquette will benefit you as you continue your professional career.
- **Exams.** Exams will be difficult. Each exam is designed to test your ability to apply information. There are no make-up exams. This penalty is not enforced if you make arrangements with the instructor prior to the exam. In the case of a legitimate missed exam, the make-up must be completed prior to the next class meeting.
- **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. 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.
- **Late work.** I will accept late work, for a reduced grade, up to one week following the due date.
- **Students with disabilities.** Qualified students (having appropriate documentation) with disabilities needing academic adjustments should contact the instructor by the end of the 1<sup>st</sup> week of the semester to ensure that your needs are met in a timely manner.
- **Talking during class.** Don't do it! This is incredibly disrespectful to your classmates and myself.
- **University Policy.** You are responsible for knowing all university policies that are in the UNM Student Handbook <https://pathfinder.unm.edu/>. This includes policy on academic dishonesty, code of conduct, and grade options. You are responsible for maintaining your scholarship or funding for your education.
- **Withdrawal.** If a student drops the course after the deadline to drop without a grade, Friday, September 6<sup>th</sup>, a grade of W will be given. Students cannot automatically withdraw after Friday, November 8<sup>th</sup>. The grade earned after this date is either a W or F.

<sup>1</sup> Connect	20%
Problem Based Learning	20%
2 research papers	
Exam 1-5	40%
Final Exam	20%

## Course Grading Policy

The lowest of 5 exams will be dropped. Students with an A- or higher prior to the final exam will not be required to take the exam. These students are required to take all 5 exams and receive 60% or higher. An 89.99% is non-exempt.



Grades will be assigned on your percentage as follows:

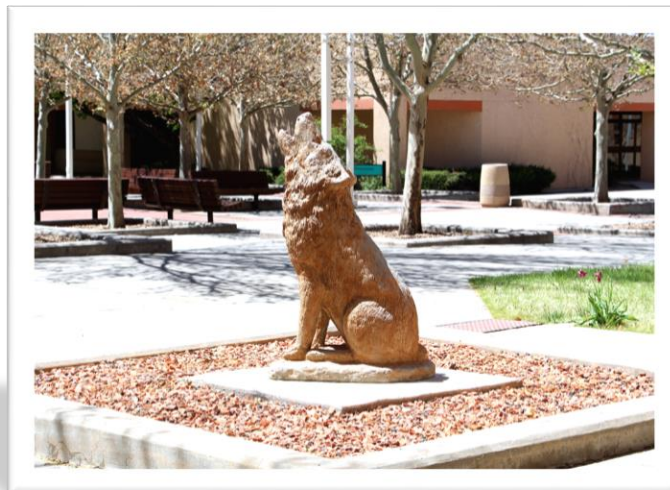
A+ 97-100	B+ 87-89.99	C+ 77-79.99	D 60-69.99
A 93-96.99	B 83-86.99	C 73-76.99	F Below 60
A- 90-92.9	B- 80-82.99	<sup>2</sup> C- 70-72.99	

<sup>1</sup> You have 22 LearnSmart assignments and 5 exam-preparation quizzes in Connect. Each is worth 100 points. Your grade will be calculated out of 2400 points. You cannot earn above 100% in your Connect grade.

<sup>2</sup> A course grade of C- is a non-passing grade. You will have to repeat the course with a grade of C- or lower.

There are extra credit assignments in Connect (see schedule for due dates). I will not assign a point value to extra credit assignments. I will not add extra credit to your grade calculation until **after** the final exam. You may not pass the class with extra credit. There is no other extra credit opportunity available.

Monitor your grade in Black Board Learn. I make mistakes, but cannot correct errors the last week of classes.



## Weekly Schedule



## Assignment Schedule

Aug 20	Ch 1	Themes of A&P
Aug 22	Ch 3	Cellular Form & Function
Aug 27	Ch 3	Cellular Form & Function
Aug 29	Ch 5	Histology
Sept 3	Ch 5	Histology
Sept 5	Ch 6	Integumentary System
Sept 10		Exam #1
Sept 12	Ch 7	Bone Tissue
Sept 17	Ch 7	Bone Tissue
Sept 19	Ch 8	The Skeletal System
Sept 24	Ch 9	Joints
Sept 26	Ch 10	Muscular System
Oct 1		PBL #1
Oct 3		Exam #2
Oct 8	Ch 11	Muscular Tissue
Oct 10		Off – Fall Break
Oct 15	Ch 11	Muscular Tissue
Oct 17	Ch 12	Nervous Tissue
Oct 22		PBL #2
Oct 24		Exam #3
Oct 29	Ch 13	Spinal Cord and Spinal Nerves
Oct 31	Ch 13	Spinal Cord and Spinal Nerves
Nov 5	Ch 14	Brain and Cranial Nerves
Nov 7	Ch 14	Brain and Cranial Nerves
Nov 12		Exam #4
Nov 14	Ch 15	Autonomic Nervous System
Nov 19	Ch 15	Autonomic Nervous System
Nov 21	Ch 16	Sense Organs
Nov 26	Ch 16	Sense Organs
Nov 28		Off – Thanksgiving Holiday
Dec 3	Ch 16	Sense Organs
Dec 5		Exam #5
Dec 12		Final Exam 10:30-12:30

Aug 22	10:30am	LearnSmart #1
Aug 27	10:30am	LearnSmart #2
Aug 29	10:30am	LearnSmart #3
Sept 3	10:30am	LearnSmart #4
Sept 5	10:30am	LearnSmart #5
Sept 10	10:30am	Exam-Prep Quiz #1; EC Due
Sept 12	10:30am	LearnSmart #6
Sept 17	10:30am	LearnSmart #7
Sept 19	10:30am	LearnSmart #8
Sept 24	10:30am	LearnSmart #9
Sept 26	10:30am	LearnSmart #10
Oct 3	10:30am	Exam-Prep Quiz #2; EC Due
Oct 8	10:30am	LearnSmart #11
Oct 15	10:30am	LearnSmart #12 PBL Paper #1 Due
Oct 17	10:30am	LearnSmart #13
Oct 24	10:30am	Exam-Prep Quiz #3; EC Due
Oct 29	10:30am	LearnSmart #14
Oct 31	10:30am	LearnSmart #15
Nov 5	10:30am	LearnSmart #16 PBL Paper #2 Due
Nov 7	10:30am	LearnSmart #17
Nov 12	10:30am	Exam-Prep Quiz #4; EC Due
Nov 14	10:30am	LearnSmart #18
Nov 19	10:30am	LearnSmart #19
Nov 21	10:30am	LearnSmart #20
Nov 26	10:30am	LearnSmart #21
Dec 3	10:30am	LearnSmart #22
Dec 5	10:30am	Exam-Prep Quiz #5; EC Due