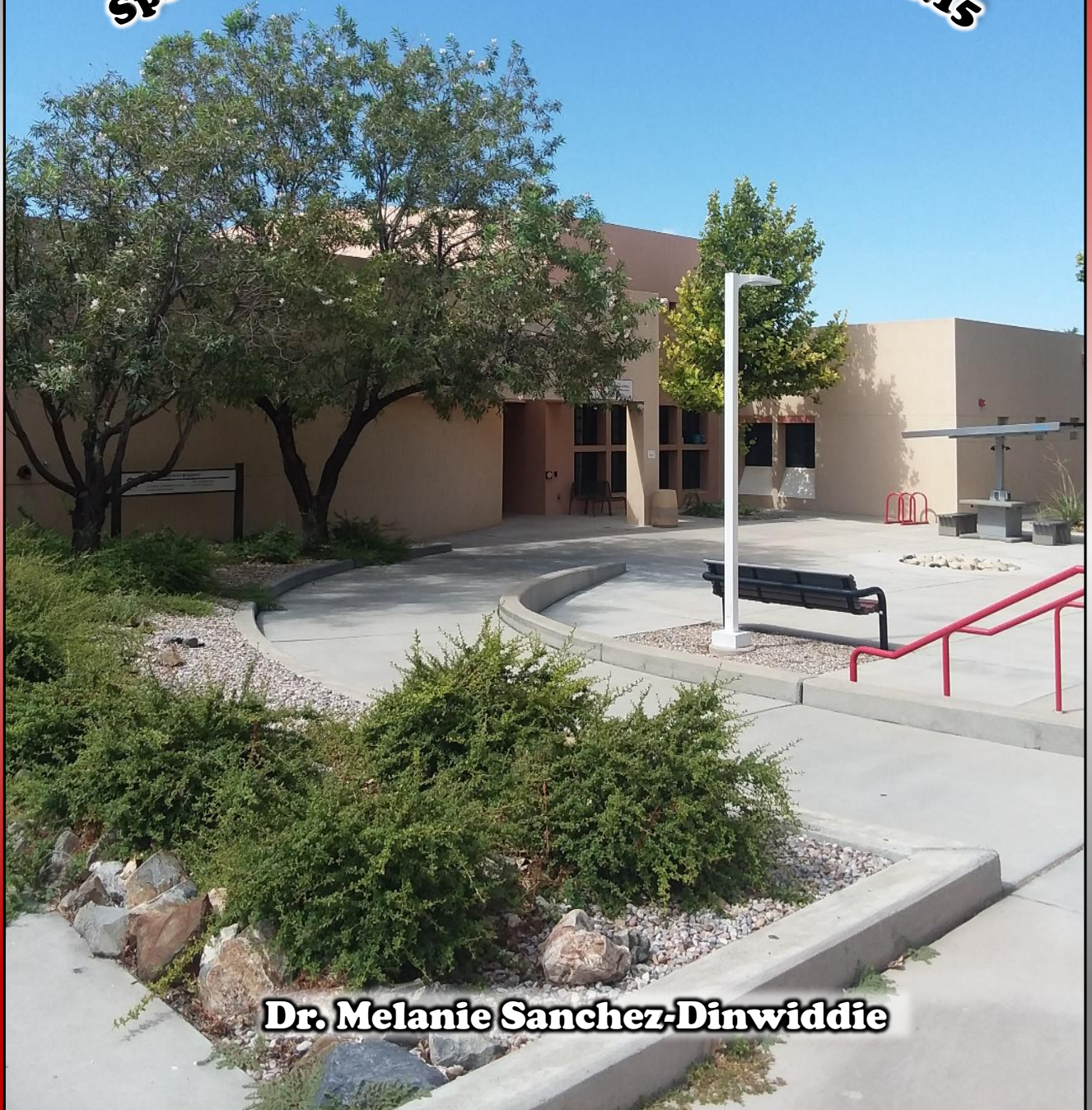




The University of New Mexico Valencia Campus
Anatomy & Physiology I – BIOL 2210
Spring 2020 – Tuesday/Thursday 12:00-1:15
H101



Dr. Melanie Sanchez-Dinwiddie

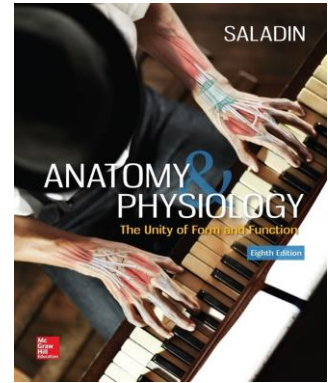
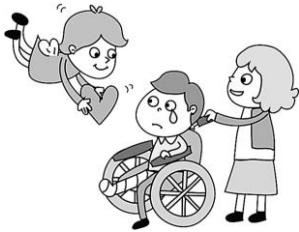
Welcome

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

Monday 1-3pm*
Tuesday/Thursday 10:30-11:30
Wednesday 10am-12pm
*In STEM Center

Contact Information

Email: MELASANC@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: 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.
- **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. Exams are cumulative. I will ask you information from Exam #1 on Exam #2.
- **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. This is only valid for your two research papers.
- **Students with disabilities.** Qualified students (having appropriate documentation) with disabilities needing 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.
- **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, February 7th, a grade of W will be given. Students cannot automatically withdraw after Friday, April 10th. The grade earned after this date is a letter grade.

Course Grading Policy

Connect ¹	20%
Problem Based Learning (2 research papers)	20%
Exam 1-5 ²	40%
Final Exam	20%

¹ You have 22 LearnSmart assignments in Connect. Each is worth 100 points. Your grade will be calculated out of 2000 points. You cannot earn above 100% in your Connect grade.

² 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.

³ 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.

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	³ C- 70-72.99	

Weekly Schedule

Jan 21		Welcome
Jan 23	Ch 1/At.	Themes of A&P
Jan 28	Ch 3	Cellular Form & Function
Jan 30	Ch 5	Histology
Feb 4	Ch 5	Histology
Feb 6	Ch 6	Integumentary System
Feb 11		Exam #1
Feb 13	Ch 7	Bone Tissue
Feb 18	Ch 7	Bone Tissue
Feb 20	Ch 8	The Skeletal System
Feb 25	Ch 9	Joints
Feb 27		PBL #1
Mar 3		Exam #2
Mar 5	Ch 10	Muscular System
Mar 10	Ch 11	Muscular Tissue
Mar 12	Ch 11	Muscular Tissue
Mar 17/19		<i>Spring Break</i>
Mar 24	Ch 12	Nervous Tissue
Mar 26		PBL #2
Mar 31		Exam #3
Apr 2	Ch 13	Spinal Cord and Spinal Nerves
Apr 7	Ch 13	Spinal Cord and Spinal Nerves
Apr 9	Ch 14	Brain and Cranial Nerves
Apr 14	Ch 14	Brain and Cranial Nerves
Apr 16		Exam #4
Apr 21	Ch 15	Autonomic Nervous System
Apr 23	Ch 15	Autonomic Nervous System
Apr 28	Ch 16	Sense Organs
Apr 30	Ch 16	Sense Organs
May 5	Ch 16	Sense Organs
May 7		Exam #5
May 14		Final Exam 12:00-2:00



Assignment Schedule

Jan 23	12:00pm	LearnSmart #1
Jan 28	12:00pm	LearnSmart #2
Jan 30	12:00pm	LearnSmart #3
Feb 4	12:00pm	LearnSmart #4
Feb 6	12:00pm	LearnSmart #5
Feb 11	12:00pm	#1 Extra Credit Due
Feb 13	12:00pm	LearnSmart #6
Feb 18	12:00pm	LearnSmart #7
Feb 20	12:00pm	LearnSmart #8
Feb 25	12:00pm	LearnSmart #9
Mar 3	12:00pm	#2 Extra Credit Due
Mar 5	12:00pm	LearnSmart #10
Mar 10	12:00pm	LearnSmart #11 PBL Paper #1 Due
Mar 12	12:00pm	LearnSmart #12
Mar 24	12:00pm	LearnSmart #13
Mar 31	12:00pm	#3 Extra Credit Due
Apr 2	12:00pm	LearnSmart #14
Apr 7	12:00pm	LearnSmart #15 PBL Paper #2 Due
Apr 9	12:00pm	LearnSmart #16
Apr 14	12:00pm	LearnSmart #17
Apr 16	12:00pm	#4 Extra Credit Due
Apr 21	12:00pm	LearnSmart #18
Apr 23	12:00pm	LearnSmart #19
Apr 28	12:00pm	LearnSmart #20
Apr 30	12:00pm	LearnSmart #21
May 5	12:00pm	LearnSmart #22
May 7	12:00pm	#5 Extra Credit Due