

**UNM-Valencia Campus  
Anatomy & Physiology I – BIOL 2210  
Spring 2023 – H101  
Tuesday and Thursday 1:30 – 2:45**

Dr. Sanchez-Dinwiddie



**NM** VALENCIA

# Welcome



Greetings Students, welcome to Anatomy & Physiology I. I am thrilled to have you here! I have a passion for teaching this course. My #1 goal is to assist you in your development of critical thinking and problem solving. I will challenge you and maintain expectations very high. You have ambitions of being a healthcare provider. If you are going to be caring for sons and daughters, mothers and fathers, grandmas and grandpas, or neighbors and friends I want each of those people to be in the care of capable, prepared, and skillful individuals. A strong foundation of anatomy & physiology is key but only a start. You need -

- a strong work ethic,
- the ability to critically think and problem solve,
- the ability to perform oral and written communication,
- the ability to collaborate, and
- personal and social responsibility.



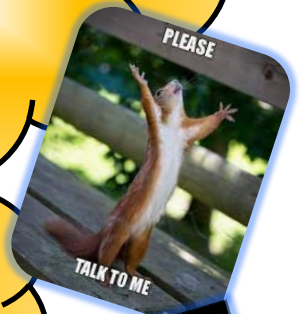
## Talk to Me Time Drop In Hours

**This is time I have set aside for you. You can come talk to me about anything.**

- **Tuesday 10:30-12:30**
- **Wednesday 10:30-12:30**
- **Thursday 10:30-12:30**
- **By scheduled appointment**



**I will be in my office during these designated times. You may simply drop in, no need for an appointment.**

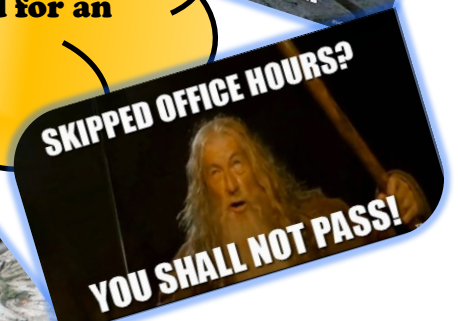


## Contact Information

Email: [MELASANC@UNM.EDU](mailto:MELASANC@UNM.EDU)

Office: H100A

Phone: 505-925-8875



## **BIOL 2210: Human Anatomy and Physiology I**

### **Catalog 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.

### **Student Learning Outcomes**

These learning outcomes are determined by the New Mexico Higher Education Department. In order for the course to meet the standards of the Course Numbering System, all of these learning outcomes must be adopted.

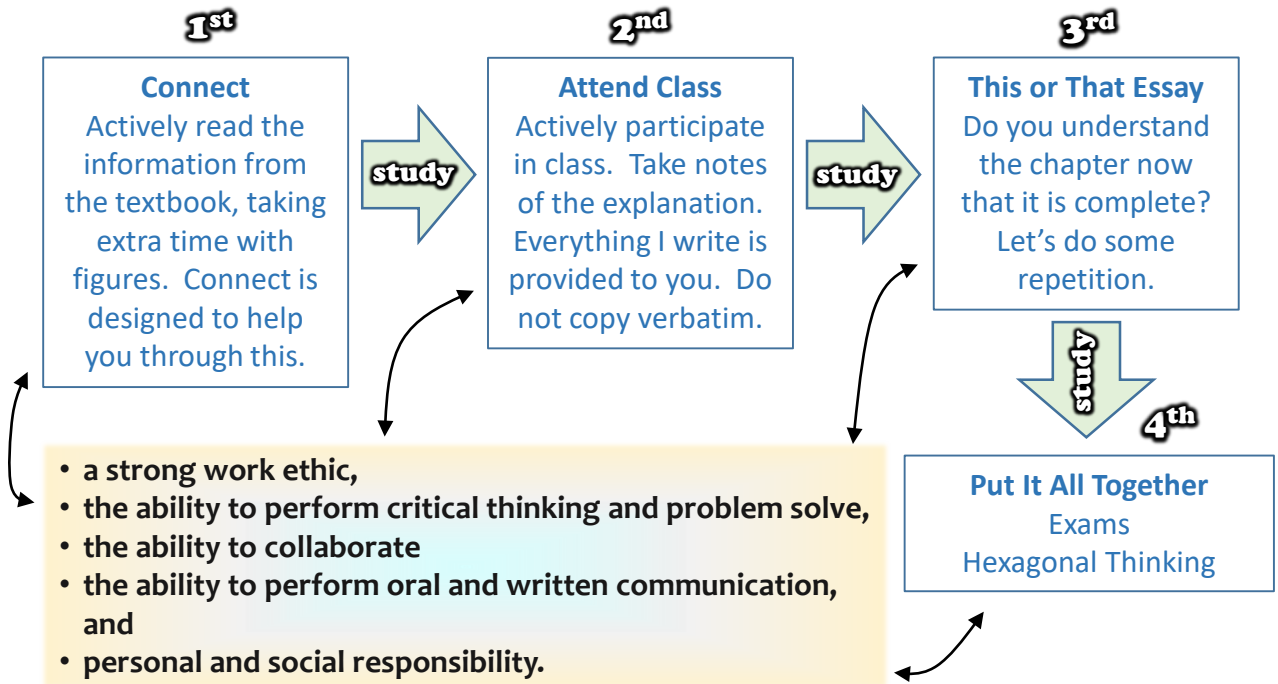
- ❖ Describe and apply anatomical terminology.
- ❖ Describe multi cellular organization
- ❖ Distinguish and describe major tissue types.
- ❖ Describe the structure and function of the integumentary, skeletal, muscular, and nervous systems, and special senses.
- ❖ Define homeostasis and describe specific 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.

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DEPARTMENT



*Fostering Student Success from Cradle to Career*

# How to Succeed



## Required Learning Resources

**Textbook:** You will need access to McGraw-Hill's 'Connect.' This access code will give you the e-book. 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, 9th ed., 2021.
- [The link for accessing our class is located here, on the homepage of Canvas and in OneNote.](#)
- ISBN: 978-1-260-79162-4



**OneNote:** You have access to class notes at all times. As a student, you receive this product in the Microsoft Suite. OneNote will require a strong and fast internet connection to work best.

**UNM Canvas:** All course materials will be distributed through Canvas. Grades will be recorded in Canvas. Canvas is new to UNM. Please bear with me as I learn this new program.

**Internet:** You will need reliable and frequent internet access. 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. Issues with electronics will not be an excuse for missed assignments.



## **Course Policies/Information**

**(in no particular order; they are alphabetical)**

- **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. Please refer to your syllabus or contact fellow students for the information you missed. You will be dropped with more than 3 absences. If you recall, one of the essential skills to success is personal and social responsibility. Attendance in a course is part of that skill. This includes arriving on time.
- **Cell phones.** Be courteous. When your phone is out, everyone knows.
- **Citizenship and/or Immigration Status.** All students are welcome in this class regardless of citizenship, residency, or immigration status. I will respect your privacy if you choose to disclose your status. UNM as an institution has made a core commitment to the success of all students, including members of our undocumented community. The Administration's welcome is found on our website: <http://undocumented.unm.edu/>.
- **Coronavirus.** UNM-Valencia Campus is a mask friendly, but now mask required, community. To be registered or employed at UNM, Students, faculty, and staff must all meet UNM's [Administrative Mandate on Required COVID-19 vaccination](#).
  - ❖ Protocol as of 1/15/2023 (updated at the CDC 8/11/22) for vaccinated individuals testing positive [Centers for Disease Control \(CDC\) Guidelines](#) [NO quarantine for exposure]:
    1. Provide documentation to me via email (you are not exempt from assignments)
    2. Isolate for 5 days – Day 0 is either onset of symptoms or the day you tested (not the day you receive positive results).
- **Email Netiquette.** In this day and age it is easy to be lax with your email language, grammar, and punctuation. Especially when using a cell phone for communication. This course is a formal and professional setting and so you should conduct yourself in that manner at all times. Always include an informative subject line. Use an appropriate salutation and closing. Use standard English for grammar, language, and spelling. 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 recall and use information. Exams will accumulate. I will ask questions from Exam #1 on Exam #2. All material from the textbook is fair game for exam material. I use the textbook as a general outline. You must study the textbook alongside class notes. There are no make-up exams for any reason.



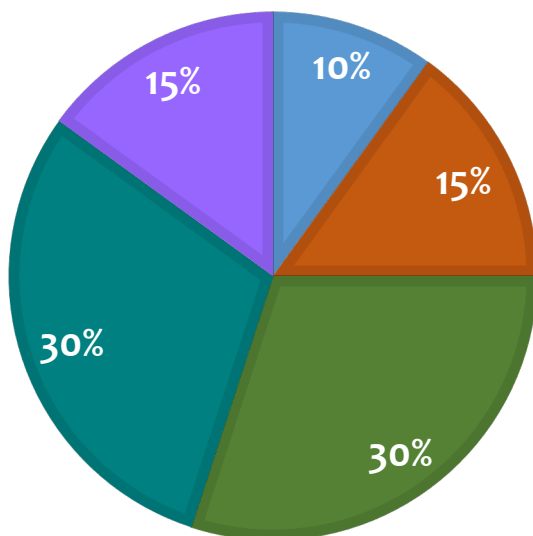
## Course Policies/Information

- **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. In addition, I will not discuss your grade with anybody but you.
- **Late work.** I aim to prepare you for your career outside these classrooms and hallways. Life is often busy and hectic. Developing good work ethic means to juggle all of your responsibilities. Your patients, colleagues, and coworkers deserve for you to have a skill of being on-time and attentive. I expect you to complete all work on-time. I have built in a cushion to all assignments if you must miss. Hexagonal Thinking and This or That Essays are the assignments I will accept late, albeit with a penalty.
- **Modality.** This is a three credit-hour course. Class meets for two 75-minute sessions of direct instruction for sixteen weeks during the Spring 2023 semester. Please plan for a *minimum* of six hours of out-of-class work for homework, study, assignment completion, and class preparation each week.
- **Participation during class.** I do not formally record participation, but I notice who is engaged and who is not.
- **Student Support.** This campus is dedicated to your success and we do all we can to pave your way. If there is anything, academic or not, please ask. I bet there's support for that.
  - PASOS Resource Center: <http://valencia.unm.edu/campus-resources/pasos/pasos-resource-center/resource-guide.html>
  - UNM-Valencia Learning Commons (Tutoring): <http://valencia.unm.edu/campus-resources/learning-commons/index.html>
  - TRIO Student Support Services: <http://valencia.unm.edu/students/sss-trio/index.html>
  - UNM-Valencia Campus Food Pantry (free snacks, meals, goodies): <http://valencia.unm.edu/campus-resources/pasos/pasos-resource-center/campus-food-pantry.html>
  - Jobs on campus: <https://valencia.unm.edu/students/financial-aid/student-employment.html>

- **Students with accommodations.** UNM-Valencia is committed to providing equitable access to learning opportunities for students with documented disabilities. It is my objective to facilitate an inclusive classroom setting, in which students have full access and opportunity to participate. To engage in a confidential conversation about the process for requesting reasonable accommodations for this class and/or program, please contact [The UNM-Valencia Equal Access Services](#), at (505) 925-8840, [sjclawson@unm.edu](mailto:sjclawson@unm.edu) (Sarah Clawson, Coordinator).
- **Title IX.** Our classroom and our university should always be spaces of mutual respect, kindness, and support, without fear of discrimination, harassment, or violence. Should you ever need assistance or have concerns about incidents that violate this principle, please access the resources available to you on campus. Please note that, because UNM faculty, TAs, and GAs are considered "responsible employees" by the Department of Education, any disclosure of gender discrimination (including sexual harassment, sexual misconduct, and sexual violence) made to a faculty member, TA, or GA must be reported by that faculty member, TA, or GA to the university's Title IX coordinator. For more information on the campus policy regarding sexual misconduct, please see: <https://policy.unm.edu/university-policies/2000/2740.html>.
- **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 3<sup>rd</sup>, a grade will be recorded. Students cannot automatically withdraw after Friday, April 14<sup>th</sup>. I generally do not grant withdrawals after this date.

## Grade Distribution by Percentage

■ Connect ■ This or That Essay ■ Hexagonal Thinking ■ Exams ■ Final Exam



# Course Grading Policy

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McGraw-Hill Connect (19)	10 %
This or That Essays (4)	15 %
Hexagonal Thinking Assignments (3)	30 %
Exams (4)	30 %
Final Exam	15 %

Grades will be assigned on your percentage as follows: \* C- is non-passing

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	

**Connect.** You have 2 types of assignments in McGraw-Hill Connect. You have SmartBook assignments which are designed to help you read through the chapter prior to lecture. There are 19 total assignments. You need 16 of 19 for 100%. You cannot earn above 100%.

There is also extra credit for the course in Connect. 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.

**This or That Essays.** This assignment will require you to watch posted video lectures. Two lectures will be posted and you will be asked to compare and contrast. The source of the lectures will vary. Sometimes it will be me, sometimes not. You will need 4 of 4 for 100%.

**Hexagonal Thinking Assignments.** These assignments will have 2 components: an in-class activity and a report. These assignments will challenge your ability to think critically, integrate concepts, and problem solve. You have 3 total assignments. You need 3 of 3 for 100%.

**Exams.** There will be 4 exams throughout the semester. Each exam will be a “table exam.” I will create the groups for each table (I don’t always move groups and sometimes groups are uneven. More doesn’t always equal better.). You will drop your lowest score from your overall grade calculation. This includes zeros. Thus, if you must miss an exam you will not be penalized.

**Final Exam.** The final exam is scheduled for Tuesday, May 9. Students who have a 90.0% or higher on May 5<sup>th</sup> will be eligible for a final exam exemption. This is entirely at the discretion of me, Dr. Sanchez.

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



Date	Location	Agenda
Tues Jan 17	H101	Welcome/Chapters 1-3
Thur Jan 19	H101	Ch 5 – Human Tissues
Tues Jan 24	H101	Ch 5 – Human Tissues
Thur Jan 26	H101	Ch 6 – Integumentary System
Tues Jan 31	H101	Ch 7 – Bone Tissue
Thur Feb 2	H101	Ch 7 – Bone Tissue
Tues Feb 7	H101	❖ Hexagonal Thinking #1 – Begin
Thur Feb 9	H101	☐ Exam #1
Tues Feb 14	H101	Ch 8 – The Skeletal System
Thur Feb 16	H101	Ch 9 – Joints
Tues Feb 21	H101	Ch 10 – Muscular System
Thur Feb 23	TBD	❖ Hexagonal Thinking #1 – Submit (or makeup day)
Tues Feb 28	H101	☐ Exam #2
Thur Mar 2	H101	Ch 11 – Muscular Tissue
Tues Mar 7	H101	Ch 11 – Muscular Tissue
Thur Mar 9	H101	Ch 12 – Nervous Tissue
Tues Mar 14		Off – Spring Break
Thur Mar 16		Off – Spring Break
Tues Mar 21	H101	Ch 12 – Nervous Tissue
Thur Mar 23	H101	Ch 13 – Spinal Cord and Spinal Nerves
Tues Mar 28	H101	❖ Hexagonal Thinking #2
Thur Mar 30	H101	☐ Exam #3
Tues Apr 4	H101	Ch 14 – Brain and Cranial Nerves
Thur Apr 6	H101	Ch 14 – Brain and Cranial Nerves
Tues Apr 11	H101	Ch 15 – Autonomic Nervous System
Thur Apr 13	remote	❖ Hexagonal Thinking #2 – Submit
Tues Apr 18	H101	Ch 15 – Autonomic Nervous System
Thur Apr 20	H101	❖ Hexagonal Thinking #3 – Begin
Tues Apr 25	H101	Ch 16 – Sense Organs
Thur Apr 27	H101	Ch 16 – Sense Organs
Tues May 2	TBD	❖ Hexagonal Thinking #3 – Submit (or makeup day)
Thur May 4	H101	☐ Exam #4
Tues May 9	H101	☐ Final Exam – 1:00-3:00



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Date	Connect	This or That	Hex. Thinking
Tues Jan 17			
Thur Jan 19	#1 - Human Tissues		
Tues Jan 24	#2 - Human Tissues		
Thur Jan 26	#3 - Integumentary		
Tues Jan 31	#4 - Bone Tissue		
Thur Feb 2	#5 - Bone Tissue		
Tues Feb 7		T or T #1 Due	
Thur Feb 9	#1 Extra Credit Due		
Tues Feb 14	#6 - Skeletal System		
Thur Feb 16	#7 - Joints		
Tues Feb 21	#8 - Muscular System	T or T #2 Due	
Thur Feb 23			Hex. Assign. #1
Tues Feb 28	#2 Extra Credit Due		
Thur Mar 2	#9 - Muscle Tissue		
Tues Mar 7	#10 - Muscle Tissue		
Thur Mar 9	#11 - Nervous Tissue		
Tues Mar 14			
Thur Mar 16			
Tues Mar 21	#12 - Nervous Tissue		
Thur Mar 23	#13 - Spinal Cord and Spinal Nerves		
Tues Mar 28		T or T #3 Due	
Thur Mar 30	#3 Extra Credit Due		
Tues Apr 4	#14 - Brain & Cranial Nerves		
Thur Apr 6	#15 - Brain & Cranial Nerves		
Tues Apr 11	#16 - Autonomic N.S.		
Thur Apr 13			Hex. Assign. #2
Tues Apr 18	#17 - Autonomic N.S.		
Thur Apr 20		T or T #4 Due	
Tues Apr 25	#18 - Sense Organs		
Thur Apr 27	#19 - Sense Organs		
Tues May 2			Hex. Assign. #3
Thur May 4	#4 Extra Credit Due		