

Biology 238 – Anatomy & Physiology II – Fall 2017
Section 502 – Tuesday and Thursday 9:00-10:15 – Room A133
Instructor: Dr. Melanie Sanchez-Dinwiddie

Hello and Welcome to Anatomy & Physiology II!

I am happy you are here. I am looking forward to an engaging and rewarding semester. I hope to challenge you in a variety of ways and to have you meet those challenges with success. Everything I do as part of this course is either an attempt to foster your cognitive development or is an attempt to develop your professional skills. Both of which are necessary to be a valuable health care provider. Please feel free to communicate with me at all times.

*Sincerely,
Dr. Sanchez*

Office: H100A **Email:** MELASANC@UNM.EDU **Phone:** 925-8875 or 925-8600

Office Hours: Tuesday and Thursday 1-3 or by appointment. Email is the best way to contact me outside of class. I am here to foster your success. I am more than happy to help you out in any way that I can. Please stop by and let's chat.

Course description: A continuation of BIOL 237 to include cardiovascular, respiratory, digestive, excretory, reproductive, and endocrine systems. Lecture: 3 hours. Prerequisites: BIOL 237.

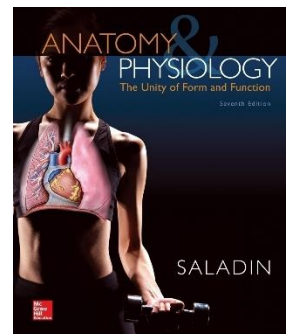
Student Learning Objectives:

1. Define and use proper anatomical and physiological terminology.
2. Apply the concepts of general chemistry and biochemistry to the structure and function of the human body.
3. Identify histology and predict its function in an organ.
4. Identify and describe the major anatomical features of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems.
5. Analyze the physiological roles of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems in maintaining homeostasis in the human body.
6. Explain how fluid and electrolyte balance is maintained in the human body.
7. Compare and contrast the anatomy and physiology of male and female reproductive systems.
8. 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, application of information, metacognition and self-learning.

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 need to keep your device updated. Lack of access to Connect or Learn will not be an excuse for missed assignments.

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*, 7th ed. McGraw-Hill, 2015.

Connect is an easy-to-use homework and learning management system that embeds learning science and adaptive tools to help you get the best results in this course. It is designed to create a personalized pathway for your success, making every minute you study more effective. Using adaptive technology, Connect pinpoints exactly what you know and don't know yet, and seamlessly offers up learning resources in real time to help you focus your study time. Connect contains the interactive eBook and study tools, giving you anytime access to course resources and assignments.



➤ <http://connect.mheducation.com/class/m-sanchez-dinwiddie-fall-2017>

If you are having trouble registering or accessing Connect, please contact McGraw-Hill's Customer Support for the fastest help. Live chat, email, and phone support are available almost every hour of the day.

Phone: (800) 331-5094

Hours (EST)

Sunday: 12 PM - 12 AM

Monday - Thursday: 24 hours

Friday: 12 AM - 9 PM

Saturday: 10 AM - 8 PM

Website: www.mhhe.com/support

Ensure your computer meets system requirements by going to this link:
<http://connect.mheducation.com/connect/troubleshoot.do>

UNM Learn learn.unm.edu: All course materials will be distributed through Blackboard Learn. Also grades (other than Connect) will be recorded in Learn.

Course Policies:

- **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.** I do not want to see one. It is highly distracting to the instructor and fellow students. Students have failed my courses because of excessive use of a cell phone. If you are addicted to your phone, leave it in your car.

- **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 netiquette will benefit you as you continue your professional career.
- **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.
- **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.
- **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.

Course Grading Policy: Individual grades are always at the instructor's discretion.

Connect	20%
Case Study	15%
Exams 3 of 4	45% (15% each)
Final Exam	20%

The lowest score of the 4 exams will be dropped. Students with an A- or higher prior to the final exam will not be required to take the exam. This policy will be 100% my decision whether I grant the exemption to each student. Each student's situation is a case by case basis.

There is a total of 4350 points available in Connect. Your Connect grade will be calculated out of 4000 total points. There is considerable extra credit incorporated into Connect. The caveat and carrot of the extra credit is that I am not advertising the value of that extra credit. The extra credit will be applied to your final course grade at the end of the semester.

Grades will be assigned based on the student's percentage as follows:

100 or higher – A+	87-89.99 – B+	77-79.99 – C+	60-69.99 – D
94-99.99 – A	83-86.99 – B	73-76.99 – C	below 60 - F
90-93.99 – A-	80-82.99 – B-	70-72.99 – C-	

<i>Date</i>	<i>Class Agenda</i>	<i>Date</i>	<i>Class Agenda</i>
Tues 8/22	Welcome – Chapter 17: The Endocrine System	Thur 8/24	Chapter 17: The Endocrine System
Tues 8/29	Chapter 17: The Endocrine System	Thur 8/31	Chapter 18: The Circulatory System: Blood
Tues 9/5	Chapter 19: The Circulatory System: The Heart	Thur 9/7	Chapter 19: The Circulatory System: The Heart
Tues 9/12	❖ Exam #1	Thur 9/14	Chapter 20: The Circulatory System: Blood Vessels
Tues 9/19	Chapter 20: The Circulatory System: Blood Vessels	Thur 9/21	<i>Problem Based Learning #1</i>
Tues 9/26	<i>Problem Based Learning #1</i>	Thur 9/28	Chapter 21: The Lymphatic and Immune Systems
Tues 10/3	Chapter 21: The Lymphatic and Immune Systems	Thur 10/5	Chapter 21: The Lymphatic and Immune Systems
Tues 10/10	Chapter 21: The Lymphatic and Immune Systems	Thur 10/12	OFF
Tues 10/17	❖ Exam #2	Thur 10/19	Chapter 22: The Respiratory System
Tues 10/24	Chapter 22: The Respiratory System	Thur 10/26	Chapter 23: The Urinary System
Tues 10/31	Chapter 23: The Urinary System	Thur 11/2	Chapter 24: H ₂ O, Electrolyte, and Acid-Base Balance
Tues 11/7	Chapter 25: The Digestive System	Thur 11/9	❖ Exam #3
Tues 11/14	<i>Problem Based Learning #2</i>	Thur 11/16	<i>Problem Based Learning #2</i>
Tues 11/21	Chapter 27: The Male Reproductive System	Thur 11/23	OFF
Tues 11/28	Chapter 28: The Female Reproductive System	Thur 11/30	Chapter 28: The Female Reproductive System
Tues 12/5	Chapter 29: Human Development	Thur 12/7	❖ Exam #4
Tues 12/12	❖ Final Exam: 8:30-10:30		

<i>Date</i>	<i>Assignment Due</i>	<i>Date</i>	<i>Assignment Due</i>
Tue 8/22		Thur 8/24	LearnSmart #1 – Endocrine, 8am
Tue 8/29	LearnSmart #2 – Endocrine, 8am; Quiz#1 11:59pm	Thur 8/31	LearnSmart #3 – Blood, 8am; Quiz #2 11:59pm
Tue 9/5	LearnSmart #4 – Heart, 8am	Thur 9/7	LearnSmart #5 – Heart, 8am; Quiz #3 11:59pm *Extra Credit #1 Due 11:59pm
Tue 9/12		Thur 9/14	LearnSmart #6 – Blood Vessels, 8am
Tue 9/19	LearnSmart #7 – Blood Vessels, 8am; Quiz #4 11:59pm	Thur 9/21	
Tue 9/26		Thur 9/28	LearnSmart #8 – Lymphatic/Immune Systems, 8am
Tue 10/3	LearnSmart #9 – Lymphatic/Immune Systems, 8am	Thur 10/5	LearnSmart #10 – Lymphatic/Immune Systems, 8am
Tue 10/10	LearnSmart #11 – Lymphatic/Immune Systems, 8am; Quiz #5 11:59pm	Thur 10/12	*Extra Credit #2 Due 11:59pm
Tue 10/17		Thur 10/19	LearnSmart #12 – Respiratory System, 8am
Tue 10/24	LearnSmart #13 – Respiratory System; 8am Quiz #6 11:59pm	Thur 10/26	LearnSmart #14 – The Urinary System; 8am
Tue 10/31	LearnSmart #15 – The Urinary System; 8am Quiz #7 11:59pm	Thur 11/2	LearnSmart #16 – H ₂ O, Elect, and pH Balance, 8am Quiz #8 11:59pm
Tue 11/7	LearnSmart #17 – Digestive System; 8am Quiz #9 11:59pm *Extra Credit #3 Due 11:59pm	Thur 11/9	
Tue 11/14		Thur 11/16	
Tue 11/21	LearnSmart #18 – Male Reproductive System; 8am Quiz #10 11:59pm	Thur 11/23	
Tue 11/28	LearnSmart #19 – Female Reproductive System, 8am	Thur 11/30	LearnSmart #20 – Female Reproductive System; 8am Quiz #11 11:59pm
Tue 12/5	LearnSmart #21 – Human Development; 8am Quiz #12 11:59pm *Extra Credit #4 Due 11:59pm	Thur 12/7	