

Biology 238: Anatomy & Physiology II—Fall 2018

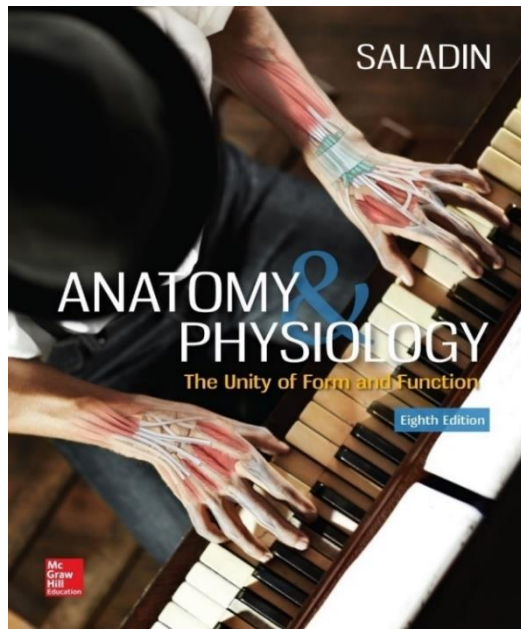
Tuesday & Thursday 10:30-11:45am, H101

Instructor: Dr. Melanie Sanchez-Dinwiddie

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Office: H100A



Welcome to Anatomy & Physiology,

Some of you I have seen before and some of you are new. Either way I am looking forward to getting to know you and helping you through this course. This class is not going to be easy. It will be demanding on your time and energy, but I hope you realize the value in your hard work. You are not simply studying and learning for a grade or the next exam; you are learning for your future patients. Many times you will question “why do I need to know this?” and here it is, your patient is not a textbook, a quiz, or an exam, your patient is someone’s mother.....someone’s child.....someone’s 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 to help.

Student Learning Objectives:

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

1. Identify and describe the major anatomical features of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems.
2. Analyze the physiological roles of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems in maintaining homeostasis in the human body.
3. Explain how fluid and electrolyte balance is maintained in the human body.
4. Compare and contrast the anatomy and physiology of male and female reproductive systems.

5. Describe pregnancy from conception to parturition including human growth and development from zygote to newborn.
6. 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-learning.

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. I will be recording attendance at the beginning of class. If you arrive after I have recorded attendance you are marked absent.
- **Cell phones.** I do not want to see one. They are very distracting for me and your fellow classmates. Students have failed my courses because of excessive use of a cell phone. Please keep your cell phone put away unless we are doing activities that require an electronic device.
- **Prerequisite.** Biology 237 is a prerequisite for this course. I will teach this course with the assumption that you have a strong understanding of the content within Biology 237. I would recommend reviewing that course's content.
- **Withdrawal.** If you drop the course after the deadline to drop without a grade, Friday, September 7th, a grade of W may be given. You cannot withdraw without permission after Friday, November 9th.
- **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.

- **Students with disabilities.** If you have documentation describing any academic adjustments you are eligible for, please see me to ensure that your needs are met in a timely manner.
- **Email Netiquette.** 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. Always use an appropriate subject heading; do not leave this blank. Use an appropriate salutation and closing. Some examples are “Dear Dr. Sanchez,” or “Hello Dr. Sanchez-Dinwiddie,” and “Thank you for your time,” or “Have a nice day.” Finally proofread and spell check. Having good email etiquette 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. FERPA does not allow disclosure of grades over email as it is not possible to authenticate identity through this medium.

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.
- ❖ **learn.unm.edu:** All course materials will be distributed through Blackboard. Your grades will be recorded in Learn (Connect will not).

<http://connect.mheducation.com/class/m-sanchez-dinwiddie-fall-2018>

Course Grading Policy: The course grade will be determined as follows:

Problem Based Learning	10%
Reflection Essays	10%
¹Connect	20%
Exam 1-5	40%
Final Exam	20%

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

100+	A+	87-89.99	B+	77-79.99	C+	60-69.99	D
93-99.99	A	83-86.99	B	73-76.99	C	below 60	F
90-92.99	A-	80-82.99	B-	70-72.99	² C-		

¹ You have 19 LearnSmart assignments and 5 exam-preparation quizzes in Connect. Each is worth 100 points. Your grade will be calculated out of 2200 points.

² A course grade of C- is a non-passing grade. Although you will receive 3 credits for the course.

The lowest score of the 5 exams will be dropped. If you have earned an A- or higher prior to the final exam the instructor may choose for you to be exempt from the exam (these students are required to take all 5 exams and receive 60% or higher). An 89.99% is non-exempt.

There are no make-up exams for any reason.

There are extra credit assignments in Connect (see schedule for due dates). I will not assign a point value to the extra credit assignments. I will not add the 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.

Mon	Tuesday	Wed	Thursday
20 August	21	22	23 Endocrine LearnSmart #1, 9am
27	28 Endocrine LearnSmart #2, 9am	29	30 Blood LearnSmart #3, 9am Exam-prep Quiz, 11:59pm Extra Credit #1, 11:59pm
3 September	4 Exam #1	5	6 Heart LearnSmart #4, 9am Ref. Essay #1, 10:30am
10	11 Heart LearnSmart #5, 9am	12	13 Blood Vessels LearnSmart #6, 9am
17	18 Immune LearnSmart #7, 9am	19	20 Immune LearnSmart #8, 9am Exam-prep Quiz, 11:59pm Extra Credit #2, 11:59pm
24	25 Exam #2	26	27 Respiratory LearnSmart #9, 9am Ref. Essay #2, 10:30am
1 October	2 Respiratory LearnSmart #10, 9am	3	4 PBL
8	9 PBL	10	11 <i>Fall Break-No class</i>

Mon	Tuesday	Wed	Thursday
15 October	16 Urinary LearnSmart #11, 9am	17	18 Urinary LearnSmart #12, 9am Exam-prep Quiz, 11:59pm Extra Credit #3, 11:59pm
22	23 Exam #3	24	15 H ₂ O, Electrolyte, Acid-Base LearnSmart #13, 9am Ref. Essay #3, 10:30am
29	30 PBL	31	1 PBL
5 November	6 Digestive LearnSmart #14, 9am	7	8 Digestive LearnSmart #15, 9am Exam-prep Quiz, 11:59pm Extra Credit #4, 11:59pm
12	13 Exam #4	14	15 Male Reproductive LearnSmart #16, 9am Ref. Essay #4, 10:30am
19	20 Female Reproductive LearnSmart #17, 9am	21	22 <i>Thanksgiving Break-No class</i>
26	27 Female Reproductive LearnSmart #18, 9am	28	29 Human Development LearnSmart #19, 9am Exam-prep Quiz, 11:59pm Extra Credit #5, 11:59pm
3 December	4 Course Review	5	6 Exam #5 [Ref. Essay #5, 12pm Friday] [Final Exam, 12/13, 10:30am]

Student Resources:

- ◆ Office hours. I am happy to talk to you.
- ◆ STEM Resource Center. Free tutoring, laptop and calculator check out, printing available, white board tables, private study rooms, and much more.
- ◆ Writing Center. Writing consultants are waiting to assist you for free. They actually like writing. They are available from the beginning of the writing process to the end.

Tips for Success:

- ◆ Participate in class. The activities I design for class time are meant to enhance your learning. The activities are also designed to assist in developing your communication skills. In addition, often the activities performed in class are asked again on exams.
- ◆ Study Habits. Use the LearnSmart assignments as an opportunity to *Learn*. Do not rush through them to simply earn your grade. Students who have earned strong grades in the past have taken advantage of the resources Connect offers.
- ◆ Practice A&P every day. There are many apps available to practice anatomy on the go.
- ◆ @unm.edu. Use your UNM issued email account.

