

UtahStateUniversity[™]
EASTERN - BLANDING

Human Anatomy, BIO 2320, Fall2017

M/ F lecture 10:30-11:45 AM HSL 206 W Lab HSL 208 10:30AM-12:50 PM,
Dr. Carla L Endres, BLT 108; 678-8209 carla.endres@usu.edu
Web address: <http://sjc.ceu.edu/departments/LFSC/index.html>

Course Description: This course focuses on the structure of the human body. It is laboratory intensive. Students learn the structure of all major systems through study and dissection. This course is required for all nursing students and recommended for students in pre-med, pre-dental, pre-veterinary, and other allied health pre-professional programs. 4 credits.

Lab Fee: Students are charged a lab fee of \$50. This covers the cost of dissection materials, organs, fetal pigs, reagents and online software.

Office Hours: MW 8:45-9:15 AM; 1:30-2 PM M/T; **Office Hours are provided for your benefit. Please use them!** Communicate through email and Canvas, I can offer help and answer questions.

Text: OER: Open Stax Anatomy and Physiology. Info and link provided in Canvas (free) or you may opt to purchase **for printing fee (through Amazon \$52)**
<https://openstax.org/details/books/anatomy-and-physiology>

Course

Objectives:

1. An understanding of Life Sciences and their complexity.
2. An understanding of human anatomy.
3. Student's accountability and responsibility in completing assignments.

Canvas: Canvas will be used for the management of this class. All reserve materials, including my lectures, the syllabus, class schedule, current exam keys, and updated grade sheets, will be available through Canvas. The reserve materials will be provided to you as downloadable PDF files, which require AcrobatReader, a free program available for both PC and Mac platforms at the Adobe web site. To access Canvas, go to the College of Eastern Utah-San Juan Campus' home page at <http://sjc.ceu.edu/>. Click on the link 'Current Student.' At the bottom of the 'Current Student' page you will find a find Canvas Access' where you will be prompted to login to the server. Logon to Canvas as follows: Your **LOGIN** is your **C number (Student Number)** and your **Banner PIN number**. I recommend changing your password so no one can enter the class under your name. Privacy is your responsibility. You will be responsible for every email and quiz submitted under your name. You will also be held accountable for every email I send through Canvas. You will want to check it regularly (at least 5 times a week). Canvas has many useful features (your assignment scores, a chat room, e-mail, etc.) and you should take the time to explore these from within our course page. I will provide more instructions on using Canvas in class.

Quizzes: Quizzes will be given at the end of every chapter in Canvas. The quizzes are meant to be used as a study guide, and allow you to review the material. Quizzes will be open book/open notes. All Quizzes are due by 11:59 PM the night before the corresponding exam. Quizzes **WILL NOT** be reopened.

Presentation: Students will prepare and present to the class a 7-10 minute presentation (100 points) on an Anatomy subject (approved by Dr. Endres). Students will use PowerPoint or the ELMO to present their report. In addition a **Three to Five** page typed **paper** will be submitted to me on the selected topic. Include at least 3 references and documented sources within the text of the paper. **5 Extra Credit** points will be given to those students that utilize the writing tutors for help with format and editing (terri.winder@usu.edu patricia.karamesines@usu.edu ; or visit in QUAD or CALL center). I will be notified by email those that received edits. Papers will be submitted electronically within the **Canvas** assignment. The body of the text must be double spaced, Times font, size 12, 1 inch margins all around, and three pages long. Your paper should include at least three different references that are cited in the *bibliography as well as in the body of the text*. I will not accept any internet address or your text as a reference. Presentation and Papers are due in final format on **Nov 21st 5 PM**. Papers will be worth 25 points.

Exams: There will be 3 exams that will be given during class time, administered on Canvas. Each exam will be worth 100 points. There will be no make-up exams. You will be allowed to drop the lowest exam score. Discussions will be introduced on Canvas- points awarded. Exams will use *Proctorio*, you must be at a computer with a webcam and audio, you will need valid ID to take the exam. I still suggest that you attend in the testing centers (internet stability: if you are booted out of an exam you can only schedule to retake the exam (with Dr. Endres) if you took the exam on campus/sites in the presence a proctor and they document the occurrence. There is a practice *Proctorio* exam on your computer. Please make sure that your systems work and you have all of the necessary elements downloaded on your device.

Midterm and Final Exam: There will be a mandatory midterm and final exam. Both will be worth 150 points and are comprehensive.

Missed Exams: All students are expected to take examinations on the day they are scheduled. Only illness (verified by a physician) and extreme legitimate situations will excuse a student. If an absence can be foreseen (e.g. games, field trips, competitions etc.), the excuse must be presented prior to the event and arrangements made with me for an alternate exam time. No excuses will be accepted after "the event". The final exam cannot be made-up without prior arrangements with the instructor. **NO make up exams.**

Lab attendance is required, if you miss 3 labs, you will receive an F for the course.

Grading: Scores will be posted in Canvas. *Students Attend class regularly and that receive A's (93 % and above) on **All** exams and assignments, as well as complete the IDEA Evaluations, will not be required to take the final exam for the course.*

Letter grades: Letter grades will follow the typical percentages as outlined

A's – 90 to 100%
 B's – 80 to 89%
 C's – 70 to 79%
 D's – 60 to 69%
 E – Less than 59%

Total Points..... 790 pts.

*Additional assignments may add to course point totals

Course Withdrawal from the course after September 18th will result in a “W” notation
Withdrawal: being on your transcript. No withdrawal is permitted after October 30th.
Success: Read your text. Ask questions. Form a study group. Come to Office hours, call or email me with questions. Keep Up! Study.

Any student requiring an accommodation or service due to a disability should contact the Disability Resource Services located in the Counseling Center. The DRS office will determine eligibility of the student requesting special services and determine the appropriate accommodations related to their disability.

- This course syllabus is tentative and subject to change

Oct 7	F	Midterm (Chapters 1-11)	TEST
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week	Date	Lecture	Topic	Chapter
1	Aug 28	M	Introduction/ /Chemical Organization	1&2
	Aug 30	W	Cell Structure	
	Sept 1	F	Study	3
2	Sept 4	M	Labor Day no class	4
	Sept 6	W	Tissues	
	Sept 8	F	Integumentary	5
3	Sept11	M	Bone Structure “	6
	Sept13	W		
	Sept15	F	Test #1 Chapters 1-4	TEST
4	Sept18	M	<i>Axial Skeleton (last day w/o W)</i>	7
	Sept20	W	Appendicular Skeleton“ Articulations	8
	Sept22	F		9
5	Sept25	M	Muscle Tissue	10
	Sept27	W		
	Sept29	F		
6	Oct 2	M	Muscular System	11
	Oct 4	W		
	OCT 6	F		
7	Oct 9	M		
	Oct 11	W	Lab Practical 1 (lab)	
	Oct 13	F	Test #2 Chapters 5 - 8	Test
8	Oct 16	M	Neural	12
	Oct 18	W		
	Oct 29			

	Oct 21	F	Fall Break no classes	
9	Oct 23	M	Special Senses/ Endocrine System	17/18
	Oct 25	W		
	Oct 27	F		
10	Oct30	M	Last day to drop	
	Nov 1	W		
	Nov 3	F	Midterm?	TEST
11	Nov 6	M	Blood	
	Nov 8	W		
	Nov 10	F	Test #3 Chapters 12-18	Test
12	Nov 13	M	Immunity	22
	Nov 15	W		
	Nov 17	F	Lab Practical 2 (Lab)	
13	Nov 20	M	No Class Presentation and Paper Due 5 PM	
	Nov 22	W-F	Thanksgiving Break 22/23/24	
14	Nov 27	M	Student Presentations	
	Nov 29	W	Student Presentations	
	Nov30	F	Student Presentations	
15	Dec 4	M	Student Presentations	
	Dec 6	W	Wrap up present if needed	
	Dec 8	F	No class	
16	Dec 15	F	Final Exam 9:30 AM	

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BIO 2320 Laboratory, Fall 2017

Weds 11:30-1:50 PM, HSL 208 Dr. Carla L Endres, BLT 108; 678-8209 carla.endres@usu.edu

Text: Lab Packet Available at the Bookstore. Binder, sharpie. Lab coat optional.

Supplies: Lab notebook to keep all paperwork and labs organized. You may wish to wear a lab coat, or I suggest old clothing.

Lab Rules: No eating or drinking in the lab. Clean work area with 10 % Bleach solution before and after you work. Allow area to air dry. Please clean up, wash everything with hot soapy water, dry thoroughly and put everything away. On OPEN lab days you will be encouraged to review slides and structures on your own.

Lab Reports: All lab worksheets will be due one week following the lab. No exceptions. Biodigital Human assignments will be due each week in canvas.

Labs:

- Anatomical examination of histology and body systems
- Two major identification exams (Practical Exams)
- Labs start week 2 - be prepared!

- Lab will consist of a combination of anatomy and histology. We will utilize fetal pig dissection and examination of other organs. The pigs have been preserved, but in order for them to last the entire semester it is imperative that they do not dry out. After working on your pig you must carefully wrap it up and place it under the vent hood. We will work in small groups throughout the semester.
- **Virtual Labs:** I will handout links and expectations for virtual labs. There may be more added to the virtual lab column.

Schedule (Tentative)

Week	Topic	Virtual lab
1	NO LAB	
2	Skeletal System Axial	
3	Skeletal System Appendicular	
4	Muscular System	
5	Nervous	Yes
6	Lab review – optional	
7	EXAM I (Skeletal- nervous)	Oct 12
8	Cardiovascular System (Heart Dissection) Lymphatic System	Yes
9	Respiratory System	Yes
10	Digestive System	
11	Urinary System/ Reproductive system	
12	EXAM II (Cardio- Reproductive)	Nov 16
13	Thanksgiving Break	
14	NO LAB	
15	NO LAB	
16	Lecture Final	

Virtual Labs:

Nervous System: Look at brain photos, study locations.

<http://academic.uofs.edu/departments/psych/sheep/framerow.html>