

Utah State University

Course Syllabus for Human Anatomy

Biology 2320 Spring Semester 2017

Course Instructor: Dr. H. Kim Jones

Course Schedule: August 30 through December 08, 2017

Hours: Monday, Wednesday

Lecture section 3:00pm to 4:00 pm

Laboratory section 4:10pm to 5:30 pm

Office Hours: M-F 8am-5pm 1256 W 400 S Suite #4

Phone Number: Cell Phone: 435-828-7449

Email address: [kcjones@bnads.com](mailto:kcjones@bnads.com)

**Course Description:** This course is to give you a comprehensive introduction to key concepts in gross anatomy. We will not discuss physiology or micro anatomy. Lectures will be by powerpoint, class notes, and open discussion. Questions and dialogue are encouraged. This is supposed to be a fun, but a heavy memorization oriented class. It will require you to learn meanings of words, how to apply the knowledge to actual live bodies. You may be encouraged to demonstrate or be a model (with taste and dignity) for your fellow classmates as a live demonstration. The laboratory section will consist of more in depth and hands on discussion, dissections and activities involving integumentary system, skeletal structure, articulations, musculature system, nervous system, cardiovascular system, and internal organs. This is a "hands on" learning experience. We expect to have real organs and other specimens including a cat, for you to dissect and examine throughout the course.

**Course specifics:**

Required Text: McKinley, Michael, 201 *Human Anatomy 5 e*, Learn Smart through connect 1 with McGraw Hill,

(ISBN –978-1-259-92357-9 find instructions to download on the Canvas website under announcements.)

Required Text: Eckel, O. , 2010 *Human Anatomy and Physiology Lab Manual 2e* McGraw

Hill, (ISBN 978-1-307-01376-7)

A medical dictionary would be helpful

**Websites:**

Canvas website at : <https://canvas.usu.edu>

The online learning center website: [www.mhhe.com](http://www.mhhe.com) and [www.aprevealed.com](http://www.aprevealed.com)

Campus Library, <http://libguides.usu.edu/links>.  
[http://connect.mcgraw-hill.com/class/utah\\_state\\_anatomy](http://connect.mcgraw-hill.com/class/utah_state_anatomy) code=0077471903

If there is information in your text or lab manual that is not mentioned in class or in the course booklet, it will not be on the exam! You are encouraged to read additional materials at your leisure for they will be part of physiology, histology, microbiology classes, but you will only be tested out of lectures, and text readings.

**FEES : \$75 lab fee**

**Examinations and Quizzes:** To keep things as simple as possible, there will be a computer based two hour test on Mondays or Fridays, in the testing center, on each system unit presented and are worth 40-80 points. There will be a 2 hour comprehensive final worth 100-150 points. There will be quizzes as well in the labs based on participation, skills, and anatomy dissection specimens worth 20 points. Your participation level (40 points) and the quizzes may help your overall grade, but is intended more to prepare you for the exams. No extra credit or special projects allowed to improve your grade. Make up may only be on a limited basis, and with prior discussion. Study hard, work hard, **attend** class and labs, and get good scores on tests. That is how you get a good grade. The following (is an example) of a point-grade system.

<b><u>Points earned</u></b>	<b><u>Percentage of points earned</u></b>	<b><u>Grade</u></b>
555-600	95-100	A
537-554	90-95	A-
513-536	86-89	B+
495-512	83-85	B
477-494	80-82	B-
453-476	76-79	C+
435-452	73-75	C
417-434	70-72	C-
393-416	66-69	D+
357-392	60-65	D
356 or less	<59	F

**Course Goals:** The goal is to give students a basic understanding and knowledge of the structures of their own bodies. Various medical examples and applications as well as a few true to life stories, will be provided to enhance the learning process and to illustrate the importance of the systems presented. The goal is to prepare you by showing the relevance of the materials of this class to your possible career.

**Students Responsibilities:** The student is expected to attend all lectures and laboratories, take notes, read the assignments, and achieve a cumulative score of 75% or greater on the exams. In the event of difficulty, it is the students' responsibility to seek help. This course requires as many hours outside the class in study and review as there are in class and lab.

**Classroom Etiquette:** Cell phones are only for **emergency**. There will be no texting or music or calls during class or labs except for Dr. Jones from the ER. Language and dress are expected to be appropriate. I expect only one person to speak, and that is me, unless, there are questions or discussion pertaining to the material which are always welcomed and expected. Labs will require appropriate language, dress, actions, and behavior. No throwing specimens or instruments. There will be sharp instruments. I don't have time to suture your fingers or your partners fingers from carelessness. PPE is provided. No sandals, shorts, tank tops allowed. Long hair should be in a pony tail.

**Academic Honesty:** Do not remove any exam materials from the class or labs. Do not copy or remove exam material. No cheating allowed. The University expects that students and faculty alike maintain the highest standards of academic honesty. From the code of policies and procedures for students at Utah State University, Article V, Section E: Section 3, Violations of University Standards.

1. Acts of academic dishonesty.
  - A. Cheating includes intentionally: (1) using or attempting to use or providing others with any unauthorized assistance in taking quizzes, tests, examinations, or in any other academic exercise or activity; (2) depending upon the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying out other assignments; (3) substituting for another student, or permitting another student to substitute for oneself, in taking an examination or preparing academic work; (4) acquiring tests or other academic material belonging to a faculty member, staff member, or another student without express permission; and (5) engaging in any form of research fraud.
  - B. Falsification includes the intentional and unauthorized altering or inventing of any information or citation in an academic exercise or activity.
  - C. Plagiarism includes knowingly "representing, by paraphrase or direct quotation, the published or unpublished work of another person as one's own in any academic exercise or activity without full and clear acknowledgement. It also includes the unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers, or other academic materials." The penalties for plagiarism are severe. They include warning, reprimand, grade adjustment, suspension, expulsion, withholding of transcripts, denial or revocation of degrees, and referral to psychological counseling.

**Withdrawals and incomplete grades:** Incomplete grades are only given for conditions beyond the students control and not due to poor performance. Students who receive a incomplete must keep the scores they earned up until they leave the class. At a later date they are only allowed to complete the quizzes and exams that remained unfinished.

**Students with Disabilities:** Students with physical, sensory, emotional or medical impairments may be eligible for reasonable accommodations in accordance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973. All accommodations are coordinated through the Disability Resource Center (DRC) toll free at 1-800-259-2966. Alternate format materials (Braille, large print, or audio diskettes) are available with advance notice through the disability resource center. If a student has a disability that would require some accommodation by the instructor, the student must contact the instructor and document the disability through the resource center.

**Grievance Process (Student Code)**

Students who feel they have been unfairly treated (in matters other than discipline or admission, residency, employment) which are addressed by procedures separate and independent from the student code may file a grievance through the channels and procedures described in the student code. [http://studentlife.tsc.usu.edu/stuserv/pdf/student\\_code.pdf](http://studentlife.tsc.usu.edu/stuserv/pdf/student_code.pdf) (article VII. Grievances, pg 25-30)

**Sexual Harassment** Sexual harassment is defined by the Affirmative Action/Equal Employment Opportunity Commission as any “unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature.” If you feel you are a victim of sexual harassment, you may talk to or file a complaint with the Affirmative Action/Employment Opportunity Office located in the Old Main, Room 161, or call the AA/EEO office at 797-1266.

**Course Outline:**

Week	Date	Subject		Pages in Text
1 3:00p to 4:00p  4:10-5:30p	Monday Aug. 28	Intro to anatomy lab, rules, safety, cats  Intro to anatomy  LAB		Sign waiver  Chapter 1 Connect1 ebook  Labs #1, 2, 3 Intro. homework
3:00-4:00p  4:10-5:30p	Wed Aug. 30	Surface anatomy  LAB		<i>Chapter 13 on Connect1 ebook</i>  Finish labs

2	Mon. Sept. 04	LABOR DAY		
3:00 to 4:00p  4:10-5:30p	Wed. Sept 06	Integumentary system. Cartilage, bone, connective tissue  Lab Integument, connective tissue		Integument, connective tissue
3	Thur, Sep 7** EXAM 1***  Last day to drop	Integumentary, connective, bone tissue	Intro to anatomy	Surface anatomy
4 3:00-4:00p  4:10p to 5:30p	Mon Sept 11	Axial skeleton  Lab- axial skeleton		Axial skeleton

4 3:00p to 4:00p  4:10p: 5:30p	Wed, Sept 13	Axial Skeleton  Lab Axial skeleton		Axial skeleton  Lab axial skeleton
5 3:00p to 4:00p  4:10p to 5:30p	Mon, Sept 18	Appendicular skeleton  Lab-QUIZ #1- axial skeleton		Appendicular skeleton  Lab QUIZ #1
5 3:00p to 4:00p  4:10p-5:30p	Wed, Sept 20	Appendicular skeleton		Appendicular skeleton
6 3:00p to 4:00p  4:10p to 5;30p	Mon, Sept 25	Articulations  Lab Quiz #2 Appendicular skeleton		Articulations  articulations

3:00 to 4:00p 4:10p to 5:30p	Wed, Sept 27 Lab	Muscle Tissue Muscle tissue		Muscle tissue Muscle tissue
THURSDAY	EXAM 2 Sept 28	Skeletal system and articulations	Testing center	
6 3:00p to 4:00p 4:10p to 5:30p	Mon, Oct 2	Axial muscles  Lab		Axial muscles  Cat Dissection axial skeleton
3:00p to 4:00p 4:10p-5:30p	Wed, Oct 4	Axial Muscles  Lab cat dissection		Axial Muscles  Cat dissection axial
7 3:00p to 4:00p 4:10p to 5:30p	Mon, Oct 9	Appendicular Muscles  Lab-cat dissection app. muscles		Appendicular muscles  Appendicular-cat dissection
3:00p to 4:00p 4:10p to 5:30p	Wed Oct, 11	Appendicular muscles  Cat dissection		Appendicular muscles  Cat dissection appendicular

8	3:00p to 4:00p	Mon Oct 16	Nervous tissue		Nervous tissue
	4:10p to 5:30p	Wed, Oct 18	Brain		Brain and cranial nerves lab
EXAM 3		Thur Oct 19 EXAM 3	Testing Center		Muscular system
9	3:00p to 4:00p	Mon, Oct 23	Cranial nerves		Cranial nerves
	4:10p to 5:30p		Lab brain models, sheep brain dissection		Brain dissection
	3:00-4:00P	Wed, Oct 25	Spinal cord and spinal nerves		Spinal cord and nerves
	4:10-5:30P				
10	3:00p to 4:00p	Mon, Oct 30	Autonomic nervous system		Autonomic system
	4:10 to 5:30p	Lab	Nervous tissue, nerves and autonomic nervous system	Lab Manual	



10				
3:00p to 4:00p	Wed, Nov 1	Cardiac		Cardiovascular system
4:10p to 5:30p		Lab manual heart, vessels		Lab manual
THURSDAY	Nov, 2 EXAM 4	Nervous, endocrine system	Testing Center	Nervous, endocrine system
11	Mon, Nov 6	Cardiac vessels and lymphatics		Cardiovascular system
		Lab- cardiac dissection		Heart dissection
11				
3:00p-4:00p	Wed, Nov 8	Respiratory,		Respiratory
4:10p-5:30p		Lab respiratory dissection		respiratory cat dissection
THURSDAY	Thur Nov, 9 EXAM 5	Cardiovascular system	Testing center	Cardiovascular system

<p>12</p> <p>3:00p-4:00p</p> <p>4:10p-5:30p</p>	<p>Mon, Nov 13</p> <p>Wed, Nov 15</p>	<p>Digestive system</p> <p>Lab manual</p> <p>Lab digestive</p>		<p>Digestive system</p> <p>Lab manual</p> <p>Cat dissection</p>
<p>13</p>	<p>Mon, Nov 20</p> <p>Wed, Nov 22</p>	<p>Urinary System</p> <p>Reproductive System</p> <p>Lab urinary/ reprod. system dissection</p>		<p>Urinary system</p> <p>Reproductive system</p>
<p>14</p>	<p>Mon, Nov 27</p> <p>Wed, Nov 29</p>	<p>Endocrine system</p> <p>Review</p>		<p>Endocrine system</p> <p>Review</p>
<p>15</p> <p>DEC 13*****</p>	<p>Wed, Dec 13</p> <p>****COMPREHENSIVE FINAL EXAM****</p>	<p>Respiratory, Digestive, Urinary, Reproductive</p>	<p>Respiratory, Digestive, Endocrine, Urinary, Reproductive</p> <p>TESTING CENTER</p>	<p>Respiratory, Digestive,Endocrine, Urinary, Reproductive</p>

