

CASPER COLLEGE COURSE SYLLABUS
ZOO 2040/2041 – Human Anatomy Lecture and Lab

Semester/Year: Fall 2015

Lecture Hours: 3

Lab Hours: 3

Credit Hours: 4

Class Time: Online

Days: Online

Room: Online

Instructor's Name: Sharyn A. Polley, Ph.D.

**Instructor's Contact
Information:**
Cell 307-899-9169

Office Phone:
On campus contact
307-268-2513

Email: spolley@caspercollege.edu

Office Hours:

I do not have an office on campus. However, my on campus contact is Renee Sietmann Hardy in PS 132. I am including her phone number as well as my cell. Please use my number if you have an emergency and need to speak to me right away. You can call or text. I will do my best to get back to you within 24 hours. Appointments can be made for discussion of matters related to the class. They can be completed via telephone or video conference using the "Google Hangout" option.

Course Description:

This course is designed to give students a hands-on experience with the microscopic and macroscopic elements of human anatomy. Topics covered include human anatomical principles ranging from the cellular to the organ system level. This course is intended to provide students with a solid anatomical background, which may be used to assist in learning human physiology.

Statement of Prerequisites:

None. Students with no previous coursework in Biology are encouraged to consider completing BIOL 1000, Introduction to Biology, prior to taking this course.

Goal:

To present the student with the basic anatomical organization of the human body.

Outcomes:

After the successful completion of this course, the students will be able to :

1. Demonstrate effective oral and written communication
2. Use the scientific method
3. Solve problems using critical thinking and creativity
4. Use appropriate technology and information to conduct research

Course Objectives:

After the successful completion of this course, the students will be able to describe :

1. The history of human anatomy
2. The levels of organization of the human body & tissue histology
3. The organization of the integument

4. Characteristics and organization of bone tissue
5. Characteristics and organization of the muscular system
6. The organization of the nervous system and the basic function of neural tissue
7. The general organization of the endocrine system
8. The organization and general functions of the sensory organs
9. The organization of the circulatory & lymphatic systems
10. The organization of the respiratory system
11. The organization of the digestive and urinary systems
12. The organization of the male and female reproductive systems

Warning— some course content may be considered sensitive by some students.

Methodology:

This is a lecture/lab course. You are required to participate in both components in order to receive a passing grade in the course. A single, combined grade will be given for ZOO 2040 and 2041 and you must be enrolled in both! The course is designed to provide a foundation for students who are pursuing health related careers as well as professions in which human movement and mechanics are emphasized. In addition to providing a working knowledge of human anatomy, the course provides information necessary for understanding human physiological principles.

Evaluation Criteria:

Your progress in this course will be measured in a variety of ways. One of the most important tools you have as a student is your ability to communicate. Thus, you must be able to clearly articulate in written form your understanding of human anatomy and physiology. You will be evaluated by the following criteria: performance on 8 lecture/lab examinations (these may consist of multiple choice, true/false, matching, fill-in-the-blank, short answer, and labeling of anatomical structures), study quizzes, and assignments. In addition to examinations and quizzes, I will regularly ask questions of the class. Your willingness to participate during these discussions will positively affect your grade (or negatively if you choose not to participate). You may be given additional assignments throughout the course that are intended to reinforce information being covered in lecture.

The course grading scale will be as follows:

100-90=A

89-80=B

79-70=C

69-60=D

59 or below=F

There will be **NO MAKE-UP EXAMS** and no late assignments accepted in this course. It is your responsibility to check your personal schedule with ALL exam/assignment due dates and to make adjustments as necessary. See the Casper College Student Handbook for information on how to handle absences due to illness or death in family.

All students have the option of taking a cumulative lecture exam during finals week and using it to replace a low or missing exam.

Casper College may collect samples of student work demonstrating achievement of the above outcomes. Any personally identifying information will be removed from student work.

Required Text, Readings, and Materials:

McKinley Human Anatomy 4th Edition text with connect plus, APR, and LS labs—select one option.

All Digital: [Connect Plus + APR + LS Labs Integrated for McKinley Human Anatomy] **9781259337383**

Print + Digital: [McKinley Human Anatomy Loose-Leaf Textbook] + [Connect Plus + APR + LS Labs Integrated for McKinley Human Anatomy] **9781259337499**

Class Policies: Last Date to Change to Audit Status or to Withdraw with a W Grade:

Students will be allowed to withdraw any time **prior to November 12th**. It is the student's responsibility to initiate this process.

No late assignments, exams or discussions are allowed unless prior arrangements have been made with the instructor. If there is a documentable emergency, special exceptions will be made.

Student Rights and Responsibilities: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Chain of Command: If you have any problems with this class, you should first contact the instructor to attempt to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take the matter through the appropriate chain of command starting with the Department Head/Program Director, the Dean, and lastly the Vice President for Academic Affairs.

Academic Dishonesty: (Cheating & Plagiarism) Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct for more information on this topic.

Official Means of Communication: Casper College faculty and staff will employ the student's assigned Casper College email account as a primary method of communication outside of the moodle shell. Students are responsible to check their account regularly. This is also, where you will find course evaluation links during course evaluation periods. All assignments and class communication should be submitted through the moodle shell unless otherwise specified.

ADA Accommodations Policy: If you need academic accommodations because of a disability, please inform me as soon as possible. To request academic accommodations, students must first consult with the college's Disability Services Counselor located in the Gateway Building, Room 344, (307) 268-2557, bheuer@caspercollege.edu. The Disability Services Counselor is responsible for reviewing documentation provided by students requesting accommodations, determining eligibility for accommodations, and helping students request and use appropriate accommodations.

Calendar or schedule indicating course content:

ZOO 2040

Tentative calendar or schedule indicating course content:

Week Beginning	Content
1 Aug 24-30	Getting Started Go Over Syllabus Review Course Resources and Access Supplemental Websites
2 Aug 31-Sept 6	Chapter 1: History of Anatomy Chapter 2: The Cell
3 Sept 7-13	Chapter 4: Histology Chapter 5: Integument
Sept 13	Quiz 1 over chapters 1-4
4 Sept 14-20	Chapter 6: Cartilage and Bone Chapter 7: Axial Skeleton
5 Sept 21-27	Chapter 8: Appendicular Skeleton Chapter 9: Arthrology
Sept 27	Quiz 2 over chapters 6-9
6 Sept 28-Oct 4	Chapter 10: Muscle Tissue Chapter 11: Axial Muscles
7 Oct 5-11	Chapter 12: Appendicular Muscles Chapter 13: Surface Anatomy
Oct 11	Quiz 3 over chapters 10-13
8 Oct 12 -18	Chapter 14: Nervous Chapter 15: Brain and Cranial Nerves
9 Oct 19-25	Chapter 16: Spinal cord and Spinal Nerves Chapter 18: ANS
Oct 25	Quiz 4 over chapters 14-16, and 18
10 Oct 26-Nov 1	Chapter 19: Senses Chapter 20: Endocrine
Nov 1	Quiz 5 over chapters 19 and 20
11 Nov 2-8	Chapter 21: Blood Chapter 22: Heart
12 Nov 9-15	Chapter 23: Vessels
Nov 15	Quiz 6 over chapters 21-23
13 Nov 16-22	Chapter 24: Lymphatic System Chapter 25: Respiratory System
14 Nov 23-29	Chapter 26: Digestion
Nov 29	Quiz 7 over chapters 24-26
15 Nov 30-Dec 6	Chapter 27: Urinary System Chapter 28: Reproduction
16 Dec 7-13	Quiz 8 over chapters 27 and 28
17 Dec 14-18	Optional, comprehensive final may be taken.

