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

Semester/Year: Summer 2016

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: Office Phone: Email: spolley@caspercollege.edu
Cell 307-899-9169          On campus contact 307-268-2513

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--course content covered 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. I will also regularly ask discussion 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 4*th* Edition text with connect plus, APR, and LS labs*

Two options are available for the text—please choose only one.

- All Digital: Connect with LS Labs, APR = 9781259337383 (*Students can buy the loose-leaf print version DIRECTLY through Connect for $40*).
- Print + Digital: Loose-leaf textbook + Connect with LS Labs, APR = 9781259337499

You are also required to purchase an at home lab kit from eScience Labs. This can be done via the bookstore or through the company directly—your choice. However, please order it immediately as we will begin using them during the second week of class. Specific instructions for ordering are found within the moodle class shell.

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

Students will be allowed to withdraw anytime prior to the July 6*th* deadline. 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.
<table>
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<th>Week Beginning</th>
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| **June 6-8**  | Getting Started  
               | Go Over Syllabus  
               | Review Course Resources and Access Supplemental Websites  
               | Chapter 1: History of Anatomy  
               | Chapter 2: The Cell |
| **June 9-11** | Chapter 4: Histology  
               | Chapter 5: Integument |
| **June 12**   | Quiz 1 over chapters 1-4 |
| **June 13-15**| Chapter 6: Cartilage and Bone  
               | Chapter 7: Axial Skeleton |
| **June 16-18**| Chapter 8: Appendicular Skeleton  
               | Chapter 9: Arthrology |
| **June 19**   | Quiz 2 over chapters 6-9 |
| **June 20-22**| Chapter 10: Muscle Tissue  
               | Chapter 11: Axial Muscles |
| **June 23-25**| Chapter 12: Appendicular Muscles  
               | Chapter 13: Surface Anatomy |
| **June 26**   | Quiz 3 over chapters 10-13 |
| **June 27-29**| Chapter 14: Nervous  
               | Chapter 15: Brain and Cranial Nerves |
| **June 30-July 2** | Chapter 16: Spinal cord and Spinal Nerves  
               | Chapter 18: ANS |
| **July 3**    | Quiz 4 over chapters 14-16, 18 |
| **July 4-6**  | No New assignments |
| **July 7-9**  | Chapter 19: Senses  
               | Chapter 20: Endocrine |
| **July 10**   | Quiz 5 over chapters 19 and 20 |
| **July 11-13**| Chapter 21: Blood  
               | Chapter 22: Heart |
| **July 14-16**| Chapter 23: Vessels |
| **July 17**   | Quiz 6 over chapters 21-23 |
| **July 18-20**| Chapter 24: Lymphatic System  
               | Chapter 25: Respiratory System |
| **July 21-23**| Chapter 26: Digestion |
| **July 24**   | Quiz 7 over chapters 24-26 |
| **July 25-27**| Chapter 27: Urinary System  
               | Chapter 28: Reproduction |
| **July 28-29**| Quiz 8 over chapters 27 and 28  
               | Optional, comprehensive final may be taken. |