

Utah State University Eastern/Blanding Campus

Fall Semester 2017

Course Title: BIO 1500 – Anatomy and Physiology

Course Time: M & W 5:15 – 6:45 pm BLT

Course Hours: 3 credit hours/45 clock hours

Course Delivery: Residential Education and/or Distance Education

Instructor: Michele Lyman, M.S., PA-C

Office Phone: 435-678-8131

Office Rm Number: BLT #217

Email: Michele.Lyman@usu.edu

Office Hours: By appointment

Pre-Requisites: None

Co-Requisites: Can be taken concurrently or as a pre-requisite to health professions programs.

Course Description: This course offers the basics of anatomy and physiology enlightening the student about their own body and its functions, while also arming them with the knowledge that is foundational to any health- or sports- related career. We will break down the information taught in this course into “bite-sized pieces” making the topics easier to understand and remember. Required for most USU Health Professions programs.

Course Text: Understanding Anatomy & Physiology, 2nd edition, Gale Sloan Thompson, FA Davis 2015. ISBN: 978-0-8036-4373-4 with workbook

Course Objectives:

- Students will gain an understanding of human anatomy and physiology
- Students will gain in this class which will serve as a foundation for future classes in the health-related careers.

Methods of Instruction

Canvas: Everything we do in class will be through the Canvas system. It is your responsibility to check daily to see if there are any new assignments, messages, discussions or other correspondence from me. Your class schedule, syllabus, quizzes and power points are all posted on Canvas. Also, you will be able to track your grades throughout the semester on this system. To access the Canvas system, log onto <http://online.usu.edu> and follow the instructions. You will need your A number and password to access this system. Go to HEAL 1860 – Phlebotomy and Phlebotomy Lab to access this class.

Classroom based methods of instruction can/will include:

Lecture and discussion, power point and media presentations, visual demonstrations of equipment and technique, graphic slides of pathophysiology pertaining to disease, infection, physiology of the human body. An I-Stan lab (which is a human simulator) will be mandatory at the end of the semester. In this lab, we will be able to visual how all of the body systems work together to create homeostasis in the human body. This lab will incorporate all of the lectures pertaining to the different body systems into one visual display using the human simulator.

No outside classwork is necessary.

Methods of Evaluation

Quizzes:

Quizzes will be taken on Canvas. There is a quiz posted after every five chapters in the textbook. Please refer to your class schedule which will list when quizzes open and close. Each quiz is worth 40 points. The quizzes are meant to help you review the material covered in class and the text and will serve as study guides for your exam. The quizzes are open book, open power point and open notes.

Homework: Your text comes with a workbook (sold together in a package). The workbook corresponds to the chapter that we will discuss each week. After each lecture in class, the student will be expected to complete the corresponding chapter in the workbook and the homework will then be checked at the beginning of the next scheduled class. The workbook is a good review of what we discussed in class and helps you to grasp concepts that we may not have had time to cover completely during the lecture. I WILL NOT ACCEPT LATE HOMEWORK! PLEASE MAKE SURE YOU HAVE THIS READY TO BE CHECKED EACH CLASS PERIOD!

I-Stan Lab: At the end of the semester, the class will be divided into separate groups. Each group will have an evening in the iSTAN lab. I-STAN is a human simulator which we will be using to demonstrate how all the body systems work together to create homeostasis. This is a required lab is worth 25 points. It will be held in Blanding and will be held the same time our

class usually meets. Only the group designated to be at the lab should be there. If it is not your night, you will have the day off from class. For those in Price, Emery, Logan, Tooele, Brigham City, etc., we will likely bring iSTAN to you in a mobile lab.

Attendance: Because this is such a fast-paced class, and we have so much to cover, attendance is mandatory. Attendance will be recorded each week. Homework is collected in class each week from the previous week lecture. Late homework will not be accepted.

Grading: A total of 530 points are possible for this class and are distributed as follows:

| | |
|-------------------|-------------------|
| I-Stan Lab | 25 points |
| Workbook | 130 points |
| Class Discussions | 25 points |
| Exams | 150 points |
| Quizzes | <u>200 points</u> |
| | 530 points |

Letter Grades:

Letter grades will be given according to the following percentages:

| | | | | | | | | | |
|----|--------|----|-------|----|--------|----|-------|----|-------|
| A | 94-100 | B+ | 87-89 | B- | 80-83 | C | 74-76 | D+ | 68-70 |
| A- | 90-93 | B | 84-86 | C+ | 77-79* | C- | 71-73 | D | 65-67 |

*Students must complete this course with a minimum grade of C+, 77% or higher to be eligible to sit for the national certifying examination and to be in good standing in the health professions programs.

Accommodations of Students with Disabilities:

If a student has a disability that qualifies under the Americans with Disabilities Act (ADA) and requires reasonable accommodation, that student should contact the Disability Resource Center for information on appropriate policies and procedures. Disabilities covered by ADA may include learning, sensory, emotional, physical or medical impairments.

Students may contact the DRC if they are not certain whether a condition qualifies. Regional campus students may contact the DRC located in Room 1010 of the University Inn, 435-797-2444(voice), 435-797-0740 (TTY) or toll free at 800-259-2966.

USU Eastern students may contact the DRC located in room 223 of the JLSC, 435-613-5337. Please contact the DRC as early in the semester as possible.

USU Eastern Students may also schedule a therapy appointment with an on campus therapist by contacting the DRC at 435-613-5337.

Student Conduct:

1. Please no speaking while the instructor is speaking. I welcome all comments and questions....there are no stupid questions. But please, raise your hand if you would like to comment and wait to be acknowledged.
2. Please do not speak while another student is speaking. Everyone will be given a turn.
3. Please remember to turn on the microphone and announce your name and site each time you speak.
4. Please treat the facilitators with respect. I need all the help I can get with the classroom equipment and you do too if there are any complications! They help keep our classrooms running smoothly.....thank them the next time you see them!
5. Please do not use cellphones during class!! Everyone you know can wait at least two hours to speak to you.....trust me. If you must use your phone for an emergency, please take it outside the classroom. No one wants to listen to your conversation and no one wants to be distracted by you using your phone. Please be considerate to the instructor and your fellow students.

Please note that the class schedule is subject to change without notice per instructor discretion.

Revised 3/16/17