

Syllabus for UWX BL286 Anatomy and Physiology II

NOTE: This syllabus document contains the basic information of this course. The most current syllabus is available in the full course.

Course Description

An examination of the structure and function of the human body at the molecular, cellular, tissue, organ, and system levels of organization. The integration of these levels of organization within the human organism is emphasized.

Prerequisite(s)

UWXBL285: Anatomy and Physiology I, or equivalent

Course Outcomes

Upon completing this course, you will be able to do the following:

- Explain the functions of the following human body systems: endocrine, cardiovascular, lymphatic, immune, digestive, respiratory, urinary and reproductive.
- Describe the structure and functions of the major parts of the following human body systems: endocrine, cardiovascular, lymphatic, immune, digestive, respiratory, urinary and reproductive.
- Explain the importance of maintaining water, pH, and electrolyte balance.
- Know the application of genetics and genomics to health care.
- Be able to use vocabulary associated with human anatomy and physiology.
- Design experiments to answer specific scientific questions.
- Communicate scientific information in a clear and concise manner.
- Know the applications of anatomy and physiology to health care.
- Appreciate how knowledge of anatomy and physiology can improve their everyday lives and the lives of others.

Course Requirements/Components

Quizzes (20%)

Each quiz will have lab and lecture content and much of the same content is covered in both lecture and lab. The quizzes will be multiple-choice format, un-timed, and not proctored.

Laboratory Assignments (15%)

Several online laboratory activities from McGraw Hill Connect are included in the course along with other online lab assignments.

Lecture Assignments (20%)

The lecture assignments will consist of questions from the textbook, an essay, and a project.

Discussions (15%)

Online discussions allow you to interact with your classmates. Each discussion will include a prompt for an initial post and a prompt for a reply post. The due date for the initial post will come before the due date for replying to a classmate's post, so be sure to read the instructions carefully.

Exam One (10%)

This exam will cover lab and lecture content from units 1 and 2. It will be timed and proctored. The format will include multiple choice and short answer questions.

Final Exam (20%)

This exam will be comprehensive and will include both lecture and lab content from all three units. However, more points will be associated with units 3 and 4. The exam will be timed and proctored. The format will include multiple choice and short answer questions.

Grading

The following grading scale will be used to evaluate all course requirements and to determine your final grade:

Grade	Percentage Range
A	92% - 100%
A-	90% - 91%
B+	88% - 89%
B	82% - 87%
B-	80% - 81%
C+	78% - 79%
C	72% - 77%
C-	70% - 71%
D+	68% - 69%
D	60% - 67%
F	59% and under