Syllabus for UWX BL285 Anatomy and Physiology I

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, focusing on body organization, support, movement, and neural control.
This course focuses on concepts and applications related to the natural sciences. It specifically investigates the levels of organization in the human body and the connections between structure and function. The contributions of the integumentary, musculoskeletal, and nervous
systems to homeostasis are emphasized.

Prerequisite(s)

UWX BL101

Course Outcomes

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

- Describe the structures of a cell and how the molecules of a cell work together to perform basic functions in the human body.
- Describe the characteristics of the different levels of organization in the human body
- Differentiate between the major types of epithelial, connective, muscle, and nervous tissue.
- Describe the structure and function of skin, bones, joints, muscles, and nerves.
- Design experiments to answer specific scientific questions
- Communicate scientific information in a clear and concise manner
- Explore how anatomy and physiology impact personal health and public health care decisions

Course Requirements/Components

Your final grade will be based on your performance on the following:

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 un-proctored.

Lab Activities (15%)
Several online laboratory activities are included in the course.

Lecture Assignments (15%)
Most of the lecture assignments will be short answer questions. There will also be other short assignments including case studies and an essay assignment.

Online Discussions (20%)
Online discussions give you an opportunity to interact with your classmates. Each discussion will include a prompt for an initial post and a prompt for a reply post.

Exam 1 (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. The exam will be timed and proctored. The format will include multiple choice and short answer questions.

Assignment	Percentage
Quizzes	20%
Lab Activities	15%
Lecture Assignments	15%
Online Discussions	20%
Exam 1	10%
Final Exam (Comprehensive)	20%

Grading

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

Grade	Percentage Range

A	93% - 100%
A-	90% - 92.9%
B+	87% - 89.9%
B	83% - 86.9%
B-	80% - 82.9%
C+	77% - 79.9%
C	73% - 76.9%
C-	70% - 72.9%
D+	67% - 69.9%
D	60% - 66.9%
F	0 – 59.9%