



# Syllabus

## Instructor Contact Information:

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## General Course information:

Course Number: BIO 232

Course Title: Human Anatomy and Physiology II

Course Description: This course is a continuation of Human Anatomy and Physiology I. It covers the structure and function of the human body, focusing on the respiratory, digestive, urinary, and reproductive systems. The course includes laboratory work and a final exam. Prerequisites: BIO 231 with "C" or better.

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Credits: 4 term or trimester credits  
(for transfer to other schools: 1.5 term credits equal 1 semester credit)

Accreditation: Individual courses cannot be accredited. Oregon Institute of Technology is accredited by the Northwest Commission on Colleges and Universities (NWCCU), an institutional accrediting body recognized by the Higher Education Coordination Commission and the Secretary of the U.S. Department of Education.

## Textbook and Resources

- x Elaine N. Marieb, Katja Hoehn, Human Anatomy and Physiology, 10th Edition, Pearson without Mastering A&P access code.
- x Visible Body 3D Human Anatomy Atlas <http://www.visiblebody.com>

## Course Objectives

Upon completion of this course, the students should be able to:

- x Develop a vocabulary of appropriate terminology to effectively communicate information related to anatomy and physiology (memorization and correct spelling of terminology are required).
- x Recall the anatomical structures, then recall and explain the physiological functions of body systems.
- x Recall and explain the principles of homeostasis and the use of feedback loops to control physiological systems in the human body.
- x Use anatomical knowledge to predict physiological consequences, and use knowledge of function to predict the features of anatomical structures.
- x Recall and explain the interrelationships within and between anatomical and physiological systems of the human body.
- x Make a connection between knowledge of anatomy and physiology and real world situations, including healthy lifestyle decisions and homeostatic imbalances.

## Dropping the Course:

Grade: Please note that it is **your responsibility** to drop the course via Web for Students.

- x No grade will appear on your record if you drop by Friday 4 p.m. Student

## Grading

This course consists of both a lecture and a laboratory portion. The grade in the course reflects the combined level of achievement in both.

x	Lecture quizzes (about 8, including syllabus quiz)	5pts each
x	Lecture exams (2)	50pts. each
x	Lab quizzes (about 8, including introduction)	5pts. each
x	Lab exams (2)	50pts. each

The grades will be assigned on the following scale:

x	90-100%	A
x	80-89.9%	B
x	70-79.9%	C
x	60-69.9%	D
x	Less than 60%	F

Starting from week 2, you have to take weekly quizzes for lecture and lab. Each quiz has 15 questions to complete in 15 minutes, and no proctor is required; it weighs 5 points (0.3-0.4 points per question).

Each lecture and lab exam (midterm and final exams) has 50 questions and weighs 50 points (1 point per question). No books/notes are allowed during the exams and all exams require proctoring. You have 50 minutes to complete each exam.

The format of all lecture assessments is multiple choice. The format for all lab assessments is fill in the blank<sup>\*\*</sup>. Only one attempt is allowed in taking each quiz/exam. Please see course schedule below for the conduct of quizzes and exams.

You can review your quizzes any time after the due date by going to 'CE' and clicking on the quiz of interest and then the score. You can review your exams only once upon the completion of the test. Copying questions by any means (electronic or in writing) is against academic integrity policy.

\*\*Here are some simple rules about naming structures in lab:

- Please note that there are numerous variations in the nomenclature of anatomical parts, but we will only accept terms **EXACTLY** as they are listed in the lab manual. For example: } % š ] v X ~ // •, not } % š ] v X ] v š Œ v o Œ } š ] X U not ] v š Œ v o Œ v Z }( Œ } š ] X V or % Œ }( μ v combination of thereof.
- Spelling** errors count as wrong answer, even if it's just one letter.
- Use correct singular or plural form of the word.** For example, Œ Œ o % not μ v Œ o Œ o % μ v o only one structure is pointed at.
- Do not use unnecessary words.** For example: % Œ U not % Œ }( š Z Z Œ š X
- Read the question, it specifies what is required of you.** For example, E u v \_\_\_ • ] š Z À •• o would require you to include Œ ] P Z š or o ( š X
- Use one, not both of the alternative names.** For example: ] μ • % ] À o À or u ] š Œ o À o À , but not ~ u ] š Œ o • À o À X
- Abbreviations.** When abbreviating, please use appropriate punctuation (period). The only allowed abbreviations are

X for artery  
 À for vein

for right X  
 for left X

for nerve X  
 for muscle X

for diameter  
 X for bone.

## Course Schedule:

	<u>Lecture:</u>	<u>Lab:</u>
Week 1	Syllabus, Unit I, Lecture 1 Development of the NS Unit I, Lecture 2 Cerebral hemisphere	Lab 1 The brain Introduction
Week 2	<a href="#">Lecture quiz 1</a> Unit I, Lecture 3 Diencephalon and brain stem Unit I, Lecture 4 Cerebellum and functional system Unit I, Lecture 5 Higher mental functions	<a href="#">Lab quiz 1</a> Lab 2 Peripheral nervous system and spinal cord