

# BIO 228 - HUMAN ANATOMY & PHYSIOLOGY II

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## Course Description

This is the second part of a two-semester course. The second semester will continue major systems in the body including: the endocrine system, cardiovascular system, lymphatic and immune system, respiratory system, digestive system, metabolism, urinary system, fluid balance, reproduction and inheritance. Lecture will be accompanied by lab work, which will stress the anatomy and histology of these organ systems.

Group 1 lab course. Group 1 course.

## Credit Hours

4

## Contact Hours

6

## Lecture Hours

4

## Required Prerequisites

BIO 227, BIO 227L; MTH 111 or MTH 120; ENG 11/111 or ENG 111

## Corequisites

BIO 228L

## General Education Outcomes supported by this course

Quantitative Reasoning

## Course Learning Outcomes

### Knowledge:

- Apply key concepts, terms, and relationships by explaining how homeostasis underlies all the body's physiological processes.

### Application:

- Use the scientific problem solving process to make decisions.
- Develop the ability to use quantitative reasoning within the discipline of AP.

### Integration:

- Articulate the relationships between form and function of the human body.
- Link the knowledge learned in this course to real-life situations.

### Human Dimension:

- Discuss complex physiological processes with lay people.
- Work effectively as a team member.

### Caring - Civic Learning:

- Articulate curiosity about A P discovering answers to their own questions.

### Learning How to Learn:

- Interpret articles from relevant science journals.