

Course Name: Human Anatomy

Duration: 1 Semester Full Year

Grade Level: 9th 10th 11th 12th (check all that apply)

Are there any prerequisites for the course?

Successful completion of Biology.

WHAT this course is about:

This course is about you! We will learn the parts of the body(anatomy) and how they work together(physiology) to create a healthy body (homeostasis) and what happens when you aren't so healthy (disease).

WHY take this course:

Everyone has a body to take care of. This course will help you to better understand what is going on inside your body as well as make good health decisions when you visit the doctor.

WHAT you'll learn:

You will learn about the different systems of the human body. You will know the parts of each system, how each system works and diseases that cause each system to work correctly.

WHAT you'll do:

In this course you will learn different techniques to help you memorize the parts of the body. We will then look at the parts we have studied by dissecting a fetal pig. We will also spend at least one day a week doing an experiment. Many of the experiments will measure how your body works, including: measuring your lung capacity, your reaction time, and your heartrate.

WHERE this could take you:

This class is an excellent class for anyone interested in the health care or medical fields including future doctors, nurses, physical therapists, and dentists. If you are not interested in directly working with patients, this course can also lead to jobs in a hospital, doctors office or orthodontist office. Did you know that the people at the front desk at doctors offices often have to take an anatomical vocabulary test?

OPTIONAL Course Outline ("scope and sequence", sequence chart, etc.)

This course often is taught in the following sequence:
Anatomical vocabulary

Cells and Tissues of the Body

Skeletal System

Muscular System

Nervous System

Special Senses

Second Semester:

Blood

Circulatory System

Lymph & Immune Systems

Respiratory System

Digestive System

Urinary System

Reproductive System