

# Anatomy

**Carone Learning Category:** Career

**Subject:** Science

**Recommended Grade Level:** 10-12

**Course Credit:** One semester, 0.5 credits (5 units in CA)

**Recommended Pre-Requisites:** None

## Course Description

In this course students will explore the anatomy or structure of the human body. In addition to learning anatomical terminology, students will study and the main systems of the body-- including integumentary, skeletal, muscular, circulatory, respiratory, digestive, reproductive, and nervous systems. In addition to identifying the bones, muscles, and organs, students will study the structure of cells and tissues within the body.

## Units & Tasks

This course is divided into the following Units and Sections.

- **Course Introduction**
- **Unit 1: Cells, Skin, & Sensory Organs**
  - 1.1 Intro to Anatomy
  - 1.2 Cell & Skin Anatomy
  - 1.3 Sensory Organs
- **Unit 2: Digestive & Skeletal Systems**
  - 2.1 Digestive System
  - 2.2 Axial Skeleton
  - 2.3 Appendicular Skeleton
- **Unit 3: Muscular System & Articulations**
  - 3.1 Muscular System I
  - 3.2 Muscular System II
  - 3.3 Articulations
- **Unit 4: Nervous & Circulatory Systems**
  - 4.1 Central Nervous System
  - 4.2 Peripheral Nervous System
  - 4.3 Circulatory System
- **Unit 5: Respiratory, Urinary, Reproductive, & Endocrine Systems**
  - 5.1 Respiratory & Urinary Systems
  - 5.2 Reproductive System
  - 5.3 Endocrine & Lymphatic Systems

Within each section students will find the following tasks to view or complete:

1. **Section Checklist**—an outline of tasks for each section
2. **Lesson**—multimedia lessons about the section topic
3. **Field Trip**—links to online sites and articles with additional information
4. **Discussion\***—asynchronous class discussion about an assigned topic

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5. **Assignment\***—research on an additional anatomy topic
6. **Anatomy Check**— flash-card activity to aid with anatomy identification
7. **Vocab Check**—flash-card activity to aid with vocabulary comprehension
8. **Anatomy Quiz\***—assessment testing identification of anatomical structures
9. **Content Quiz\***—assessment of lesson and vocabulary comprehension

The items noted with an asterisk above are those that must be submitted for a grade. A unit exam will be found at the end of every unit, as well as a comprehensive final exam at the end of the course.

### Pacing

There are 16 sections in this course. Each section is designed to be completed in about one week's time. However, students may take more or less time as needed. A recommended pacing guide is provided within the course.

### Parent & Teacher Guides

Parent and teacher guides available.

### Materials

There are no required materials for this course.

### Technical Requirements

An internet connection and computer or tablet hardware is required. Software requirements include a PDF reader, word-processing application (such as Word), MP4/video player, and Flash player (optional). Free downloadable software is available for each of these.