

3 Units: 12 lessons

Estimated time: 12-18 hours

OALCF Levels: A1.3, A2.3

Suggested Milestones: 5, 6 or 7, 12, or 13

Course Overview

In this assignment, students learn about the structure and functions of each body system. They will identify diseases, disorders, and medical procedures related to each system. Additionally, they will explore health science professions related to each body system.

Unit 1: Muscular, Cardiovascular, and Integumentary (4 lessons)

The Skeletal System

(27 slide tutorial, and mastery test)

In this lesson, you'll discuss the structure and functions of the skeletal system. You'll identify various diseases of the skeletal system, and the medical procedures used to diagnose and treat them. You'll also discuss some professions related to the skeletal system.

The Muscular System

(24 slide tutorial, and mastery test)

In this lesson, you'll learn about the different muscles in the body. You'll also understand how the muscle system functions across the human lifespan, and various diseases, medical procedures, and specializations related to the muscular system.

The Cardiovascular System

(26 slide tutorial, and mastery test)

In this lesson, you'll discuss the structure and functions of the cardiovascular system, diseases and disorders related to the cardiovascular system. You'll also discuss the medical procedures used to diagnose and treat these diseases, and explore related professions.

The Integumentary System

(24 slide tutorial, and mastery test)

In this lesson, you'll learn about the organs of the integumentary system and their functions. You'll identify the various disorders and the medical procedures used to diagnose and treat them. You'll also discuss professions related to the integumentary system.

Unit 2: Respiratory, Nervous, Sensory, Lymphatic, Immune (4 lessons)

The Respiratory System

(25 slide tutorial, and mastery test)

In this lesson, you will study the features of the respiratory system, and learn about some diseases, disorders, and medical procedures related to the respiratory system. Finally, you'll explore professions related to the respiratory system.

The Nervous System

(29 slide tutorial, and mastery test)

In this lesson, you'll study the structure of the nervous system and discuss its divisions: the central nervous system, the peripheral nervous system, and the enteric nervous system. You'll learn about some of the diseases, disorders, treatments, equipment, and procedures related to the nervous system.

The Sensory System

(32 slide tutorial, and mastery test)

In this lesson, you'll learn about the different sensory systems of the human body and its functions. These include the visual system, the auditory system, the vestibular system, the olfactory system, the gustatory system, and the somatosensory system.

The Lymphatic and Immune Systems

(34 slide tutorial, and mastery test)

In this lesson, you'll study the anatomical and physiological features of the lymphatic and immune systems. You'll identify some medical terminology used to describe these systems. You'll also learn about some diseases, disorders, and procedures related to the lymphatic and immune systems.

Unit 3: Endocrine, Reproductive, Digestive, Excretory (4 lessons)

The Endocrine System

(29 slide tutorial, and mastery test)

In this lesson, you'll learn about the structure and functions of the endocrine system. You'll discuss the functions of various hormones secreted by the endocrine system. You'll also learn about various diseases and disorders, and medical procedures used to diagnose and treat them. Finally, you'll explore some professions related to the endocrine system.

The Male and Female Reproductive Systems

(29 slide tutorial, and mastery test)

In this lesson, you'll learn about the structure and functions of the male and female reproductive systems. You'll discuss some disorders and medical procedures related to the male and female reproductive systems. You'll also explore some professions related to the human reproductive system.

The Digestive System

(23 slide tutorial, and mastery test)

In this lesson, you'll study the anatomy of the digestive system and the process of digestion. You'll learn about the major functions of the digestive system. You'll discuss disorders and medical procedures related to the digestive system. Finally, you'll explore some health science professions related to the digestive system.

The Excretory System

(30 slide tutorial, and mastery test)

In this lesson, you'll study the anatomical and physiological features of the excretory system. You'll see how important the organs of the urinary tract are. You'll identify some medical terminology used to describe the excretory system. You'll look at this system's issues as it changes throughout the human lifespan. You'll also learn about some of the diseases, disorders, and procedures that are part of this system. Finally, you'll explore some of the health science professions related to the excretory system.