

Rehabilitation Careers, Semester A

Credits: 0.5

Course Overview and Goals

Rehabilitation Careers, Semester A, is the first part of a two-semester course. The course begins by introducing rehabilitation careers and employment opportunities in the rehabilitation field. You will analyze the structure and organization of the human body and the basic stages of growth and development. You will also learn to interpret medical terms. As the course progresses, you will be introduced to some of the human body systems as well as diseases and disorders that can affect these systems. Additionally, you will describe the risk factors, complications, diagnosis, prevention, and treatment of these diseases and disorders.

This course consists of 13 lessons organized into four units, four Unit Activities, and four Discussions. Additionally, there is one Course Activity and one Course Project that you need to work on throughout the course. Each lesson contains one or more Lesson Activities. You will grade your work in the Lesson Activities by comparing it to sample responses. You will submit the Unit Activities, Course Activity, and Course Project to your teacher for grading.

By the end of this course, you will be able to do the following:

- ❖ Compare options and requirements for employment in rehabilitation careers.
- ❖ Analyze the human body structure.
- ❖ Demonstrate proficiency in the use of medical terminology.
- ❖ Distinguish the structures and functions of body systems.
- ❖ Analyze common diseases associated with different body systems, including their causes and symptoms.

UNIT 1: UNDERSTANDING THE BASICS (DAYS 1 – 21)

In this unit, you will first explore different careers, employment and entrepreneurial opportunities, and work-based learning (WBL) opportunities in the rehabilitation field. You will explain the basic principles and components of rehabilitation goals and

interdisciplinary care. You will also describe technological advances in this field. You will then explain the human body's organization and structure, anatomical positions, and stages of growth and development. Finally, you will analyze and interpret medical terminology.

Lesson	Lesson Objective
Syllabus and Orientation	Review the Student Orientation and Course Syllabus at the beginning of this course.
Introduction to Rehabilitation Careers	Compare careers and employment opportunities in the rehabilitation career pathway.
Human Anatomy	Name the parts of the human body structure.
Medical Terminology	Use medical terminology appropriately.

UNIT 2: HUMAN BODY SYSTEMS 1 (DAYS 22 – 41)

In this unit, you will first learn about the structures and functions of three human body systems: the musculoskeletal system, cardiovascular system, and respiratory system. You will identify common diseases and disorders of these body systems and their causes, signs and symptoms, risk factors, and complications. Additionally, you will describe their diagnosis, prevention, and treatment.

Lesson	Lesson Objective
The Musculoskeletal System	Review the musculoskeletal system.
The Cardiovascular System	Review the cardiovascular system.
The Respiratory System	Identify the respiratory system.
Course Activity	Chronic Diseases

UNIT 3: HUMAN BODY SYSTEMS 2 (DAYS 42 – 62)

In this unit, you will first learn about the structures and functions of three human body systems: the nervous system, immune system, and endocrine system. You will identify common diseases and disorders of these body systems and their causes, signs and

symptoms, risk factors, and complications. Additionally, you will describe their diagnosis, prevention, and treatment.

Lesson	Lesson Objective
The Nervous System	Review the nervous system.
The Immune System	Identify the immune system.
The Endocrine System	Review the endocrine system.
Course Project	Student Organizations and Developing Leadership Qualities

UNIT 4: HUMAN BODY SYSTEMS 3 (DAYS 63 – 90)

In this unit, you will first learn about the structures and functions of four human body systems: the integumentary system, sensory system, urinary system, and endocrine system. You will identify common diseases and disorders of these body systems and their causes, signs and symptoms, risk factors, and complications. Additionally, you will describe their diagnosis, prevention, and treatment.

Lesson	Lesson Objective
The Integumentary System	Review the integumentary system.
The Sensory System	Identify the sensory system.
The Urinary System	Review the urinary system.
The Digestive System	Review the digestive system.