

HE146

**Structure and Function of the Human Body-Health and
Chronic Illness**

2 Credits

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HE146 Version: 7



Structure and Function of the Human Body-Health and Chronic Illness

Calendar Description

This course is designed to educate students on the 12 human body systems and the milestones of growth and development across a lifetime.

Rationale

This is a required course for students in the Health Care Aide program. As a support worker you are involved with client care at a basic hands-on level.

Prerequisites

HE141 and HE145

Co-Requisites

None

Course Learning Outcomes

Upon successful completion of this course, students will be able to

1. Body Systems and Function

Introduction

The human body has several different systems that work together to accomplish a goal of health. This module introduces the basic structure, function, and location of the different systems. Terminology related to the body systems is also introduced.

General Learning Outcomes

1. Examine the twelve body systems.

2. Human Growth and Development

Introduction

This module covers the various stages and tasks of human growth and development. To achieve healthy growth and development, the client must be able to perform tasks accordingly. Strategies to support clients in their growth and development are provided in this module.

General Learning Outcomes

1. Describe common stages of human growth and development across the lifespan.
2. Examine Erickson's theory of psychosocial development.
3. Examine the HCA role and responsibility in applying the "I CARE" model to human growth and development.

3. Healthy Aging and Independence

Introduction

Human growth and development are reviewed, and healthy aging and independence are introduced in this module. The role and responsibility of the HCA in caring for the healthy, aging, independent client are also examined.

General Learning Outcomes

1. Integrate knowledge of growth and development tasks of young, middle, and late adulthood with healthy aging and independence.
2. Examine healthy aging and independence in an adult.
3. Examine the HCA role and responsibility in applying the "I CARE" model to healthy aging and independence.

4. Chronic Conditions

Introduction

In this module, the body systems are reviewed, as are chronic conditions and the pain associated with them. The role and responsibility of the HCA in caring for clients with chronic conditions and pain are also examined.

General Learning Outcomes

1. Integrate knowledge of the body systems with chronic conditions.
2. Examine common chronic conditions.
3. Examine chronic pain in relation to chronic conditions.
4. Examine the HCA role and responsibility in applying the "I CARE" model to chronic conditions and pain.

Resource Materials

Required Texts:

Sorrentino, S., Remmert, L, Wilk, M., & Newmaster, R. (2013). *Mosby's Canadian textbook for the support worker* (3rd Canadian ed.). Toronto, ON: Elsevier Canada.

Kelly, R., Sorrentino, S., Remmert, L, Wilk, M. & Schuh, D. (2013). *Workbook to accompany Mosby's Canadian textbook for the support worker* (3rd Canadian ed. Revised Reprint). Toronto, ON: Elsevier Canada.

Reference Text:

None

Conduct of Course

The course is based on the Alberta Government Provincial Curriculum.

This course is based on a lecture format including guest presenters and videos. Labs provide opportunities for skill development that are necessary for future job performance.

Evaluation Procedures

Quizzes/Assignments	60%
Final Exam	40%

Grade Equivalents and Course Pass Requirements

A minimum grade of B- (70%) is required to pass this course and an overall G.P.A. of 2.70 to meet graduation requirements.

Letter	F	B-	B	B+	A-	A	A+
Percent Range	0-69	70-74	75-79	80-84	85-89	90-94	95-100
Points	0.00	2.70	3.00	3.30	3.70	4.00	4.00

Attendance

Regular attendance is essential for success in any course. Absence for any reason does not relieve a student of the responsibility of completing course work and assignments to the satisfaction of the instructor. More than four (4) absences per course, per semester, may result in probation. Further absences may result in suspension from the program.

In cases of repeated absences due to illness, the student may be requested to submit a medical certificate.

Instructors have the authority to require attendance in classes.

Course Units/Topics

1. Body Systems and Function
2. Human Growth Development
3. Healthy Aging and Independence
4. Chronic Conditions



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