



School of Health Education and Human Services
HCA 120
HEALING 1A – COMMON HEALTH CHALLENGES
Term: Fall, 2021
Number of Credits: 3

Course Outline

INSTRUCTOR: Samantha Piper

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Class Dates: Mondays September 13 – December 6th PLUS Sept 9th & 16th (1-4pm), Oct 1st (1-4pm), and Nov 12 (1-4pm).

Class Times: Mondays 9am – 12pm PLUS 1-4pm on additional dates listed above

COURSE DESCRIPTION

This course introduces students to the health care terminology, normal structure and function of the human body and normal bodily changes associated with aging. The prevention of infection, principles and practice of medical asepsis and the role of nutrition in human health and healing will also be explored.

COURSE REQUIREMENTS

Prerequisite(s): None

EQUIVALENCY OR TRANSFERABILITY

Transfers not yet formalized through BCCAT, due to recent changes in BC Curriculum. Receiving institutions determine course transferability. Find further information at:

<https://www.yukonu.ca/admissions/transfer-credit>

LEARNING OUTCOMES

Upon successful completion of the course, students will be able to:

- Use medical terminology correctly.
- Understand the organization of the human body: cells, tissues, organs and the role of homeostasis.
- Describe the structure and function of the major body systems.
- Identify and describe the natural changes in each body system related to aging.
- Recognize the principles of preventing infection and understand the practices associated with this.
- Understand the role of nutrition in maintaining human health and promoting healing.

COURSE FORMAT

This course will consist of lectures, group work, learning activities, and may include guest speakers and other methods to optimise learning. The format for each class will include:

- Opportunity for questions on previous material
- Introduction and integration of new material

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- Assignments & preparation for next class

Each class will have 3 hours of direct instruction time over the total of 15 classes. It is expected that this course will require 2-4 hours/week of homework and additional reading. The time required will vary by individual.

Delivery format

This class will be delivered on-line and taught using Zoom. Zoom is a synchronous (in real time) virtual format that enables face-to-face approaches to teaching and learning. These classes take place at specific times. Every student will require an internet connection and a computer or other device. Courses, or parts of courses, using Zoom will be offered on specific days/times and a specific link will be accessible through Moodle for Zoom sessions. Each course will have a Moodle page with various resources to support learning.

EVALUATION

Participation	10%
Assignments	30%
Quizzes	30%
Final Exam	30%
Total	100%

ASSESSMENTS

All evaluative components for this course are mandatory and must have a passing grade (usually a minimum of 50%)

Missing or incomplete components will result in a course grade assessment of “Fail”

Late Assignments/Work: For every day an assignment *is late* (after assigned due date) 5% will be deducted from the original paper grade.

- No assignment will be accepted more than one week (7 calendar days) following the due date unless arrangements are made with instructor of that specific course in advance of due date. Assignments not handed in one week after due date will receive a 0 (failing) grade.

Attendance & Participation

10%

This course is part of the HCA program which is experiential; therefore attendance is essential. Attendance means being at class on time every day, prepared for the class and participating to the end of the class. If student cannot be at class, student must notify the instructor in advance and arrange to get the class notes and information from classmates. Students are responsible for the information and materials of every class.

Participation includes active involvement in the activities of the classroom and completion of assignments, reading, quizzes, etc. Coming to class regularly, being on time, being prepared for the class, speaking up in class and handing in assignments when due will contribute greatly to student’s success.

Assignments

Aging and the Body Assignment - Group Assignment

30%

This assignment has a written and presentation component. Each group will identify the effects of aging on the structure and function of one body system. Students will demonstrate their knowledge and understanding through:

- identification of information related to aging and the body system
- application of the knowledge gained to a case study or real-life scenario
- description of the possible care considerations for a HCA when caring for individuals experiencing changes to this body system related to aging

TESTS

Anatomy & Physiology Quizzes

30%

Regular quizzes on course content will be completed throughout the course. There are no re-writes for quizzes.

Final Exam

30%

This exam will evaluate course content as listed in Learning Outcomes and will be cumulative.

NOTE: If a student should fail the final exam a re-write/supplemental exam is not guaranteed, but at the discretion of the instructor

COURSE WITHDRAWAL INFORMATION

Refer to the YukonU website for important dates. <https://www.yukonu.ca/admissions/important-dates>

Friday, November 5 is the last day to withdraw or change to audit from credit courses without academic penalty.

TEXTBOOKS & LEARNING MATERIALS

Sorrentino, S; Remmert, L & Wilk, J (2018) Mosby's Canadian textbook for the support worker. 4th ed. Elsevier, Toronto. (Includes the Revised Student Workbook + DVD 4.0).

DK (2016) How the Body Works: The Facts Simply Explained Penguin/Random House, London, UK

RELATED COURSE REQUIREMENTS

It is highly recommended that all students have access to a computer or other device and reliable Internet to do their studies. The minimum specifications for a student device are as follows:

Requirement	Windows-based PC	Apple Mac/macOS-based PC
Operating System	Windows 10	macOS X
Web Browser	Firefox, Edge or Google Chrome	Firefox, Edge or Google Chrome
RAM/Memory	4 GB	4 GB
Storage	5 GB of available space	5 GB of available space

ACADEMIC INTEGRITY

Students are expected to contribute toward a positive and supportive environment and are required to conduct themselves in a responsible manner. Academic misconduct includes all forms of academic dishonesty such as cheating, plagiarism, fabrication, fraud, deceit, using the work of others without their permission, aiding other students in committing academic offences, misrepresenting academic assignments prepared by others as one's own, or any other forms of academic dishonesty including falsification of any information on any Yukon University document.

Please refer to Academic Regulations & Procedures for further details about academic standing and student rights and responsibilities.

YUKON FIRST NATIONS CORE COMPETENCY

Yukon University recognizes that a greater understanding and awareness of Yukon First Nations history, culture and journey towards self-determination will help to build positive relationships among all Yukon citizens. As a result, to graduate from ANY Yukon University program, you will be required to achieve core competency in knowledge of Yukon First Nations. For details, please see www.yukonu.ca/yfnccr

ACADEMIC ACCOMMODATION

Reasonable accommodations are available for students requiring an academic accommodation to fully participate in this class. These accommodations are available for students with a documented disability, chronic condition or any other grounds specified in section 8.0 of the Yukon University Academic Regulations (available on the Yukon University website). It is the student's responsibility to seek these accommodations by contacting the Learning Assistance Centre (LAC): LearningAssistanceCentre@yukonu.ca.

TOPIC OUTLINE

Medical Terminology

- Word Elements
- Abbreviations

Structure and Function of the Human Body

- Organization of the Human Body; cells, tissues, organs
- Homeostasis
- Major Body Systems:
 - Integumentary
 - Musculo-Skeletal
 - Nervous
 - Sensory

- Cardiovascular
- Respiratory
- Digestive
- Endocrine
- Lymphatic
- Immune
- Urinary
- Reproductive

Natural Changes Associated with Aging

- Effect of Aging on each Body System

Preventing Infection

- Microorganisms and the spread of infection

Nutrition and Healing

- Nutrition in relation to health challenges
- Community Resources (re Nutrition: meals on wheels, dietician, etc)

Indigenous Knowledge and Perspectives