



## **COURSE OUTLINE**

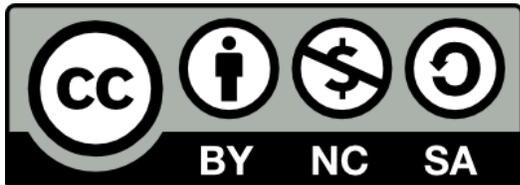
### **HCA 120** **HEALING 1A – COMMON HEALTH CHALLENGES**

**3 CREDITS**

PREPARED BY: Kim Diamond, Coordinator/Instructor, Health Care Assistant Program  
DATE: March 31, 2020

APPROVED BY: Andrew Richardson, Dean, Applied Arts  
DATE: April 17, 2020

APPROVED BY SENATE: 2009  
RENEWED BY SENATE: April 17, 2019



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## **HEALING 1A – COMMON HEALTH CHALLENGES**

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**INSTRUCTOR:** Samantha Piper  
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**TELEPHONE:** 867.668.8852

**OFFICE HOURS:** TBD  
**CLASSROOM:** Online via Zoom  
**TIME:** 1:00 pm- 3:55 pm  
**DATES:** Wednesdays Sept.1st- Dec 1st,  
**PLUS** Wednesday Sept. 2nd 9:00 am- 11:55 am

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### **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.

### **PREREQUISITES**

None

### **RELATED COURSE REQUIREMENTS**

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

<b>Requirement</b>	<b>Windows-based PC</b>	<b>Apple Mac/macOS-based PC</b>
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

### **EQUIVALENCY OR TRANSFERABILITY**

Transfers not yet formalized through BCCAT, due to recent changes in BC Curriculum

### **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**

Classes this fall will all be on-line. All classes will be 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.

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
- Assignments & preparation for next class

## **ASSESSMENTS/EVALUATION:**

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: Dec 1, 2020**

**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

**EVALUATION:**

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

**REQUIRED TEXTBOOKS AND MATERIAL**

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).

Other Resources as indicated in class – predominately available through YC library and online.

**ACADEMIC AND STUDENT CONDUCT**

Information on academic standing and student rights and responsibilities can be found in the current Academic Regulations that are posted on the Student Services/ Admissions & Registration web page.

**PLAGIARISM**

Plagiarism is a serious academic offence. Plagiarism occurs when a student submits work for credit that includes the words, ideas, or data of others, without citing the source from which the material is taken. Plagiarism can be the deliberate use of a whole piece of work, but more frequently it occurs when students fail to acknowledge and document sources from which they have taken material according to an accepted manuscript style (e.g., APA, CSE, MLA, etc.). Students may use sources which are public domain or licensed under Creative Commons; however, academic documentation standards must still be followed. Except with explicit permission of the instructor, resubmitting work which has previously received credit is also considered plagiarism. Students who plagiarize material for assignments will receive a mark of zero (F) on the assignment and may fail the course. Plagiarism may also result in

dismissal from a program of study or the University.

### **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](http://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. If a student requires an academic accommodation, he/she should contact the Learning Assistance Centre (LAC): [lac@yukonu.ca](mailto:lac@yukonu.ca).

## **TOPIC OUTLINE**

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### **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)