COURSE OUTLINE: HIN103 - HEALTHCARE SYSTEMS

Prepared: Jennifer Osesky
Approved: Martha Irwin, Dean, Business and Information Technology

Course Code: Title	HIN103: HEALTHCARE SYSTEMS
Program Number: Name	2197: HEALTH INFORMATICS
Department:	COMPUTER STUDIES
Academic Year:	2024-2025
Course Description:	Students will evaluate the Canadian healthcare system(s) from the federal, provincial and local municipal perspectives. They will also consider the health care system within the social, political, economic, and historical contexts. This course will explore various health care providers, professional associations and practice settings. There will be a focus on the health care system within Ontario from the viewpoint of issues, policies, and healthcare reform. Students will explore a variety of health information systems with the accompanying benefits and challenges in health organizations.
Total Credits:	3
Hours/Week:	3
Total Hours:	45
Prerequisites:	There are no pre-requisites for this course.
Corequisites:	There are no co-requisites for this course.
Vocational Learning Outcomes (VLO's) addressed in this course: **Please refer to program web page for a complete listing of program outcomes where applicable.**	**2197 - HEALTH INFORMATICS** VLO 6 Synthesize relevant local, national and global health care and health information management issues, trends, and evolving technologies to support health information systems and processes. VLO 8 Communicate effectively and professionally to promote inter-professional collaboration across the organization.
Essential Employability Skills (EES) addressed in this course:	EES 1 Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience. EES 2 Respond to written, spoken, or visual messages in a manner that ensures effective communication. EES 3 Execute mathematical operations accurately. EES 4 Apply a systematic approach to solve problems. EES 5 Use a variety of thinking skills to anticipate and solve problems. EES 6 Locate, select, organize, and document information using appropriate technology and information systems. EES 7 Analyze, evaluate, and apply relevant information from a variety of sources. EES 8 Show respect for the diverse opinions, values, belief systems, and contributions of others. EES 9 Interact with others in groups or teams that contribute to effective working

	relationships and the achievement of goals. EES 10 Manage the use of time and other resources to complete projects. EES 11 Take responsibility for ones own actions, decisions, and consequences.
Course Evaluation:	Passing Grade: 50%, D A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.
Other Course Evaluation & Assessment Requirements:	A+ = 90-100% A = 80-89% B = 70-79% C = 60-69% D = 50-59% F < 50% Students are expected to be present to write all tests in class, unless otherwise specified. If a student is unable to write a test due to illness or a legitimate emergency, that student must contact the professor prior to class and provide reasoning. Should the student fail to contact the professor, the student shall receive a grade of zero on the test. If a student is not present 10 minutes after the test begins, the student will be considered absent and will not be given the privilege of writing the test. Students exhibiting academic dishonesty during a test will receive an automatic zero. Please refer to the College Academic Dishonesty Policy for further information. In order to qualify to write a missed test, the student shall have: a.) attended at least 75% of the classes to-date. b.) provide the professor an acceptable explanation for his/her absence. c.) be granted permission by the professor. NOTE: The missed test that has met the above criteria will be an end-of-semester test. Labs / assignments are due on the due date indicated by the professor. Notice by the professor will be written on the labs / assignments and verbally announced in advance, during class. Labs and assignments that are deemed late will have a 10% reduction per academic day to a maximum of 5 academic days at 50% (excluding weekends and holidays). Example: 1 day late - 10% reduction, 2 days late, 20%, up to 50%. After 5 academic days, no late assignments and labs will be accepted. If you are going to miss a lab / assignment deadline due to circumstances beyond your control and seek an extension of time beyond the due date, you must contact your professor in advance of the deadline with a legitimate reason that is acceptable. It is the responsibility of the student who has missed a class to contact the professor immediately to obtain the lab / assignment. Students are responsible for doing their own work. Labs / assignments that are handed in and are deemed identical or near identical in content may constitute academic dishonesty and result in a zero grade. Students are expected to be present to write in-classroom quizzes. There are no make-up options for missed in-class quizzes. Students have the right to learn in an environment that is distraction-free, therefore, everyone is expected to arrive on-time in class. Should lectures become distracted due to students walking

in late, the professor may deny entry until the 1st break period, which can be up to 50 minutes after class starts or until that component of the lecture is complete.

The total overall average of test scores combined must be 50% or higher in order to qualify to pass this course. In addition, combined tests, Labs / Assignments total grade must be 50% or higher.

Books and Required Resources:

Health and Health Care Delivery in Canada by Valerie D. Thompson, RN, PHC, NP
Publisher: Elsevier Edition: 3rd Edition
ISBN: 9781771721691

Course Outcomes and Learning Objectives:

Course Outcome 1	**Learning Objectives for Course Outcome 1**
Describe how the Canadian health care system works.	1.1 Summarize the early evolution of health care in Canada. 1.2 Explain the effects of colonization on Indigenous peoples` health practices and ceremonies. 1.3 Discuss the introduction of public health insurance. 1.4 Describe significant events and legislation shaping health care from 1960 until the introduction of the Canada Health Act (CHA) in 1984. 1.5 Explain and discuss the terms and conditions of the Canada Health Act. 1.6 Discuss the basic objectives and responsibilities of Health Canada. 1.7 Summarize the responsibilities of departments, branches, and bureaus of Health Canada and how they collaborate with international organizations.
Course Outcome 2	**Learning Objectives for Course Outcome 2**
Compare the federal vs. provincial/territorial roles in health policy.	2.1 Discuss the common structural elements among the provincial and territorial governments. 2.2 Describe the purpose and general structure of regionalization initiatives. 2.3 Explain how provincial and territorial health care is financed.
Course Outcome 3	**Learning Objectives for Course Outcome 3**
Describe and analyze current and future health care trends	3.1 Examine how hospitals are funded and identify their major expenses. 3.2 Discuss and explain the challenges facing home and community care in Canada. 3.3 Describe the reasons for, and the effect of rising drug costs in Canada. 3.4 Discuss the state of mental health and addiction and the related services in Canada. 3.5 Summarize the challenges in managing health care for Canada`s aging population. 3.6 Outline the major health care issues and related concerns facing Indigenous Peoples in Canada.
Course Outcome 4	**Learning Objectives for Course Outcome 4**
Explain the rationale for	4.1 Outline the purpose and benefits of regulated health

some of the current health care policies in Canada	professions, discuss the role and educational requirements of various health care professionals. 4.2 Outline the concerns and the issues related to health care as a right. 4.3 Discuss the basic principles of consent to treatment. 4.4 Discuss ethical theories that shape health care decisions. 4.5 Explain ethical considerations relating to end-of-life issues and how these may have influenced new legislation
Course Outcome 5	**Learning Objectives for Course Outcome 5**
Examine the role of information technology in delivering healthcare services	5.1 Summarize the cost of advancing technology to the health care system. 5.2 Explain the health record related to privacy legislation and the risks and benefits of an accessible electronic health record 5.3 Explain the impact of electronic health records and information technology in health care. 5.4 Summarize the advantages and risks of using social media in health care.
Course Outcome 6	**Learning Objectives for Course Outcome 6**
Describe the basic principles, methods and tools used to provide consistent quality for providers and consumers	6.1 Compare the quality structures and initiatives in the province of Ontario, and other examples 6.2 Explain and apply basic quality improvement tools and methodology (PDSA, root cause analysis, pareto charts, value stream mapping, etc.) 6.3 Summarize the purpose and importance of utilizing patient experience data in improvement initiatives

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
Assignments	40%
Quizzes	40%
Skill Development	20%

Date: June 16, 2024

Addendum: Please refer to the course outline addendum on the Learning Management System for further information.