COURSE OUTLINE: HIN104 - HEALTHCARE INFO TECH

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Approved: Corey Meunier, Chair, Technology and Skilled Trades

Course Code: Title	HIN104: HEALTHCARE INFORMATION TECHNOLOGY
Program Number: Name	2197: HEALTH INFORMATICS
Department:	COMPUTER STUDIES
Semesters/Terms:	20F
Course Description:	This course will provide the basic foundation of health information technology (HIT) through current definitions and topics, such as: health informatics, health care data, electronic health record, acute and primary care. Students will explore the health information technology being used in a variety of settings, such as: hospitals, public health, long term care, community, and physician`s offices. The course will also investigate how healthcare professionals and patients/consumers use data. Students will also be exposed to the advancements in HIT globally through health informatics, mobile technology, the use of telemedicine, and artificial intelligence (AI) applications.
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 1 Assess organizational requirements for health information system technologies (HIST).
Essential Employability Skills (EES) addressed in this course:	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 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.
Books and Required Resources:	Information Technology for the Health Professions by Lillian Burke, Barbara Weill Publisher: Pearson Edition: 5th Edition ISBN: 9780134877716

In response to public health requirements pertaining to the COVID19 pandemic, course delivery and assessment traditionally delivered in-class, may occur remotely either in whole or in part in the 2020-2021 academic year.

Course Outcomes and Learning Objectives:

Course Outcome 1	Learning Objectives for Course Outcome 1
This course will provide the basic foundation of health information technology (HIT) through current definitions and topics, such as: health informatics, health care data, electronic health record, acute and primary care. Students will explore the health information technology being used in a variety of settings, such as: hospitals, public health, long term care, community, and physician`s offices.	1.1 Compare various health information systems 1.2 Describe the relationship between data, information, and information systems in health care 1.3 Explain how electronic information applications are currently used in various healthcare settings 1,4 Identify the architectural elements and differences of electronic medical record (EMR), electronic health record (EHR), computerized patient record (CPR), and personal health record (PHR) systems 1.5 Evaluate systems communication and integration 1.6 Describe the systems and network requirements to support effective healthcare system implementation 1.7 Describe the overall flow of data throughout the healthcare organization and the healthcare system

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
Labs	50%
Tests	50%

Date: October 1, 2020

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

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