



COURSE OUTLINE: HIN104 - HEALTHCARE INFO TECH

Prepared: Lindsay Aceti

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:	<p>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.</p> <p>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.</p>
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:	<p>2197 - HEALTH INFORMATICS</p> <p>VLO 1 Assess organizational requirements for health information system technologies (HIST).</p>
<small>Please refer to program web page for a complete listing of program outcomes where applicable.</small>	
Essential Employability Skills (EES) addressed in this course:	<p>EES 6 Locate, select, organize, and document information using appropriate technology and information systems.</p> <p>EES 7 Analyze, evaluate, and apply relevant information from a variety of sources.</p> <p>EES 11 Take responsibility for ones own actions, decisions, and consequences.</p>
Course Evaluation:	<p>Passing Grade: 50%, D</p> <p>A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.</p>
Books and Required Resources:	<p>Information Technology for the Health Professions by Lillian Burke, Barbara Weill Publisher: Pearson Edition: 5th Edition ISBN: 9780134877716</p>

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.



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Course Outcomes and Learning Objectives:**Course Outcome 1**

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Learning Objectives for Course Outcome 1

- 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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