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HLUC 1005: Information Technologies for Health Sciences

EFFECTIVE DATE

September 2021

DEPARTMENT

Health Unit Coordinator

DESCRIPTION

This course is designed to provide students with a solid foundation in computer and digital literacy, and an overview of health information technologies used in the Canadian healthcare system. Students will receive a comprehensive introduction to the learning management system and associated software that will be used during their program. Students will also explore basic concepts related to digital literacy with the use of information technologies in health care and the associated ethical and legal principles.

CREDITS

3.0

YEAR OF STUDY

1st Year Post-secondary

PREREQUISITES

None

COREQUISITES

None

COURSE LEARNING OUTCOMES

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

- Identify terminology related to basic computer functions, and related hardware and software.
- Demonstrate the ability to use business applications and learning management systems.
- Demonstrate professional standards when using electronic communication.
- Assess online sources of information and media for purpose, message, accuracy and bias (information literacy).
- Integrate computer and digital literacy skills to perform internet searches.
- Evaluate digital information sources to determine suitability.
- Utilize computer and digital literacy skills to complete individual and group online learning activities.

- Describe the appropriate use of electronic devices and electronic health records in health care.
- Identify the impacts of privacy, confidentiality, and security related to health information technologies.

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 25

Lab: 30

INSTRUCTIONAL STRATEGIES

Lecture, computer laboratory, group work, role play, and lecture.

GRADING SYSTEM

Letter Grade (A-F)

PASSING GRADE

B-=68%

EVALUATION PLAN

Type	Percentage	Assessment activity
Assignments	35	Online activities, assessments (as per rubric).
Assignments	35	Projects/presentations demonstrating course outcomes (as per rubric).
Quizzes/Tests	30	Short answer online assessments.

COURSE TOPICS

- Common computer terminologies, functions, equipment and software.
 - Electronic mail
 - Moodle and Zoom
 - Microsoft Word, Excel and PowerPoint
 - Digital Literacy
 - Web and Library catalogue searches
 - Evidence Based Practice
 - Electronic Health Records and Electronic Charting
 - Ethics, Privacy and Security

LEARNING RESOURCES

Resources are items which the student is responsible for purchasing as identified by the department/instructor.

Notes:

- Course contents and descriptions, offerings and schedules are subject to change without notice.
- Students are required to follow all College policies including ones that govern their educational experience at VCC. Policies are available on the VCC website at:
<https://www.vcc.ca/about/governance--policies/policies/>.
- To find out how this course transfers, visit the BC Transfer Guide at <https://www.bctransferguide.ca>.

Broadway campus

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Vancouver, B.C. Canada
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Downtown campus

250 West Pender Street
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Annacis Island campus

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