



COURSE OUTLINE: BSCN2002 - HEALTH INFORMATICS

Prepared: Jess Dugas

Approved: Bob Chapman, Chair, Health

Course Code: Title	BSCN2002: HEALTHCARE INFORMATICS
Program Number: Name	3401: HONOURS BSCN
Department:	BSCN - NURSING
Academic Year:	2023-2024
Course Description:	This course addresses the integration of nursing practice with health information, knowledge, data management and communication technologies to promote best practice strategies for quality health of individuals, families and other groups, and communities worldwide (Canadian Nursing Informatics Association [CNIA], 2017). Through this introductory course, student will learn about the influence of information technology on clinical practice and explore methods of incorporating informatics into practice.
Total Credits:	2
Hours/Week:	2
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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:	3401 - HONOURS BSCN
Please refer to program web page for a complete listing of program outcomes where applicable.	VLO 1 Meet professional practice requirements as identified in the current Entry-to-Practice Competencies and Professional Standards of the College of Nurses of Ontario.
	VLO 3 Build professional relationships in a collaborative environment with other health care providers and actively engage in collaborative decision making around client care.
	VLO 4 Contribute to the nursing profession and healthcare through the practice of critical inquiry, self-reflection, and a commitment to professional growth through lifelong learning.
	VLO 7 Utilize available technologies to communicate, educate, and provide appropriate care in a variety of contexts.
	VLO 9 Practice in a broad range of settings, with an emphasis on rural communities.
	VLO 11 Identify, support, and effect appropriate change in healthcare.
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 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 9 Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals.



	EES 11 Take responsibility for ones own actions, decisions, and consequences.														
Course Evaluation:	<p>Passing Grade: 65%,</p> <p>A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.</p>														
Other Course Evaluation & Assessment Requirements:	<p>Important note about course evaluation: Successful completion of this course is dependent on all assignments being completed and submitted. If this course has any components graded on a satisfactory/unsatisfactory grading scheme, each assignment must achieve a grade of satisfactory , in addition, a minimum cumulative grade of 65% is required to pass the course.</p>														
Books and Required Resources:	<p>Introduction to Health Informatics, Second Edition by El Morr Publisher: Canadian Scholars Edition: 2nd ISBN: 9781773383538</p>														
Ends in View and Processes:	<table border="1"> <thead> <tr> <th>Ends in View</th> <th>Process</th> </tr> </thead> <tbody> <tr> <td> Upon successful completion of this course, the student will demonstrate the ability to: 1. Comprehend the influence of information technology in modern clinical practice and the expectation of the nursing role. </td> <td>ETP Competencies: 2.4, 2.8, 3.6, 8.5, 9.4, 9.5</td> </tr> <tr> <td> 2. Explain the importance of information standardization and the critical role of nursing in collecting and documenting accurate data. </td> <td>ETP Competencies: 2.4, 2.8, 3.6, 8.5, 9.4, 9.5</td> </tr> <tr> <td> 3. Demonstrate the different purposes of information technology and challenges faced in northern and rural areas. </td> <td>ETP Competencies: 2.4, 2.8, 3.6, 8.5, 9.4, 9.5</td> </tr> <tr> <td> Understand the impact of consumer informatics on clinical practice. </td> <td>ETP Competencies: 2.4, 2.8, 3.6, 8.5, 9.4, 9.5</td> </tr> <tr> <th>Ends in View</th> <th>Process</th> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	Ends in View	Process	Upon successful completion of this course, the student will demonstrate the ability to: 1. Comprehend the influence of information technology in modern clinical practice and the expectation of the nursing role.	ETP Competencies: 2.4, 2.8, 3.6, 8.5, 9.4, 9.5	2. Explain the importance of information standardization and the critical role of nursing in collecting and documenting accurate data.	ETP Competencies: 2.4, 2.8, 3.6, 8.5, 9.4, 9.5	3. Demonstrate the different purposes of information technology and challenges faced in northern and rural areas.	ETP Competencies: 2.4, 2.8, 3.6, 8.5, 9.4, 9.5	Understand the impact of consumer informatics on clinical practice.	ETP Competencies: 2.4, 2.8, 3.6, 8.5, 9.4, 9.5	Ends in View	Process		
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	Explore and demonstrate the methods of and challenges with implementing information technology.	ETP Competencies: 2.4, 2.8, 3.6, 8.5, 9.4, 9.5										
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	6. Discuss the utility of social media within the contexts of consumer health information, client education, and professional practice.	ETP Competencies: 2.4, 2.8, 3.6, 8.5, 9.4, 9.5										
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	7. Explain the need for protection of privacy, confidentiality, and security in the collection and use of health information.	ETP Competencies: 2.4, 2.8, 3.6, 8.5, 9.4, 9.5										
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	8. Examine the use of telehealth to deliver health care at a distance.	ETP Competencies: 2.4, 2.8, 3.6, 8.5, 9.4, 9.5										
Evaluation Process and Grading System:	<table border="1"> <thead> <tr> <th>Evaluation Type</th> <th>Evaluation Weight</th> </tr> </thead> <tbody> <tr> <td>Assignment 1</td> <td>20%</td> </tr> <tr> <td>Assignment 2</td> <td>20%</td> </tr> <tr> <td>Assignment 3</td> <td>20%</td> </tr> <tr> <td>Discussion Posts</td> <td>40%</td> </tr> </tbody> </table>		Evaluation Type	Evaluation Weight	Assignment 1	20%	Assignment 2	20%	Assignment 3	20%	Discussion Posts	40%
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Date:	July 19, 2023											
Addendum:	Please refer to the course outline addendum on the Learning Management System for further information.											