COURSE TITLE: Nursing Informatics & Technology/Computer applications II
COURSE NUMBER: NUR308
TERM: XXXX
PREREQUISITES: All Pre-nursing courses
INSTRUCTOR: TBA
OFFICE: XXX
MEETING TIME: (XXX)
LOCATION: NELSON XXX

COURSE DESCRIPTION:
This course explores pharmacodynamics, pharmacokinetics, drug actions and interactions, environmental factors and safety precautions during medication administration. Special considerations are given to the effects of drugs on different age groups and to the nurse’s responsibilities in drug therapy.

REQUIRED TEXT/MATERIALS:


1. PROGRAM STUDENT LEARNING OUTCOMES:

The nursing program student learning objectives (NURSLO) are:

1. **Caring** – Students will demonstrate caring attitudes and behaviors as they carry out the work of professional nursing with the understanding of human development, the goal of preserving dignity, and aspirations of promoting health and wellness for individuals, patients, and themselves.

2. **Knowledge** – Students will apply knowledge synthesized from nursing science to evidence-based nursing care delivery.

3. **Effective thinking** – Our students will use a variety of thinking methods such as, critical thinking, conceptual thinking, implementation thinking, and innovative thinking, to make decisions, solve problems, evaluate information, create new processes, and plan strategies.
4. **Communication** – Students will demonstrate effective communication skills in therapeutic interactions, inter-professional information sharing, and scholarly dissemination.

5. **Technological Aptitude** – Students will competently use technology to access information necessary for identifying trends used in decision making, promoting quality improvement, and preserving safety, to provide patient care, collaborate with inter-professional teams, and to continuously advance the nursing profession.

6. **Lifelong learning** – Students will continue to advance their education to maintain knowledge and nursing skills necessary to provide quality patient care by engaging into systematic inquiry, investigation, and new knowledge generation.

7. **Cultural Competence** - Students will demonstrate willingness to learn about other cultures and use the information to collaborate with patients to provide nursing care that meets individuals’ cultural and religious needs.

8. **Leadership** – Students will apply knowledge of leadership theory and demonstrate leadership behaviors that complement particular situations.

9. **Ethics** – Students will apply ethical standards of nursing in all situations with respect for the law, the profession, patients, and themselves.

**COURSE STUDENT LEARNING OUTCOMES: (NURSLO 1-9)**

Upon completion of the course, the student will be able to:

1. Apply theories related to nursing informatics to nursing practice.
2. Understand ways that computer technology effects nursing practice.
3. Use data and information principles to documentation.
4. Identify essential competencies needed by nursing professionals related to informatics.
5. Identify and discuss how computer technology can be used in patient education, decision making, communication, and healthcare team collaboration.
6. Assess patient and personal technology competency.

**CORE CURRICULUM STUDENT LEARNING OUTCOMES:**

1. Core SLO 1: Listen and effectively, communicate ideas through written, spoken and visual means. (communication)
2. Core SLO 2: Think critically via classifying, analyzing, comparing, contrasting, hypothesizing, synthesizing, extrapolating and evaluating ideas. (Critical thinking)
3. Core SLO 3: Apply information literacy/research skills to assist their systematic process of critical thought; articulating the problem; gather information from multiple sources and venues; evaluating the accuracy/thoroughness/timeliness of the collected data, and determining when/if the problem has been satisfactorily resolved. (Information Literacy/Research)
4. Core SLO 5: Demonstrate good citizenship and service to one’s community.
   Students also benefit when they engage in free intellectual inquiry seeking truth, understanding and appreciating self as well as a readiness to learn from and about different cultural and/or linguistic perspectives (Citizenship/Service).
5. Core SLO 6: Apply and evaluate quantitative reasoning through the disciplines of
mathematics, computational science, laboratory science, science, selected social sciences and other like-minded approaches that require precision of thought. (Quantification)

ASSESSMENT MEASURES (TOOLS) DIRECT AND INDIRECT for each SLO: (NSLOs 1-9)

DIDACTIC EVALUATION
Examinations
Assignments
Quizzes
Projects
Discussion Boards
Lecture/Discussion (Participation)

<table>
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<tr>
<th>WEEK</th>
<th>CONTENT/READINGS</th>
<th>Teaching Strategies/Assignments</th>
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| 1    | Fundamentals of Nursing Informatics  
           BSN Essentials                      | TBA                             |
| 2    | Evidence-based Practice  
           Information Literacy               | TBA                             |
| 3    | Informatics in Patient Education  
           Tele-health                        | TBA                             |
| 4    | Point of Care and Clinical use of Information Systems | TBA                             |
| 5    | Electronic Health Records  
           Personal Health Records             | TBA                             |
| 6    | IOM/AHRQ  
           QSEN  
           Quality improvement               | TBA                             |
| 7    | Ethics and Legal aspects of Informatics  
           Nomenclature in Informatics       | TBA                             |
| 8    | Final                                               | TBA                             |

Electronic Communication: Students are required to use Lincoln University email and Desire2 Learn to access class materials. Please communicate with course faculty via e-mail frequently. Please permit 48 hours for a response to emails.

CALCULATION OF FINAL GRADES:
100-94 = A  
76-79 = C+
90-93 = A-       75-77 = C
86-89 = B+       70-74 = C-
83-85 = B        65-69 = D+
80-82 = B-       58-64 = D
Below 58 = F