DEPT. NURS       COURSE NUMBER: 2130

NUMBER OF CREDITS: 2    Lecture: 2    Lab: 0

Course Title:
Pharmacology: A Pathophysiologic Approach

Catalog Description:
Provides an opportunity to synthesize pharmacologic, basic pathophysiologic and nursing concepts
to minimize risk of harm for patients. Promotes use of current information to prevent error and
support decision making.

FULFILLS MN TRANSFER CURRICULUM AREA(S) (Leave blank if not applicable)
Goal 1: Communication: ___ by meeting the following competencies:

Goal 2: Critical Thinking: ___ by meeting the following competencies:

Goal 3: Natural Sciences: ___ by meeting the following competencies:

Goal 4: Mathematics/Logical Reasoning: ___ by meeting the following competencies:

Goal 5: History and the Social and Behavioral Sciences: ___ by meeting the following competencies:

Goal 6: The Humanities and Fine Arts: ___ by meeting the following competencies:

Goal 7: Human Diversity: ___ by meeting the following competencies:

Goal 8: Global Perspective: ___ by meeting the following competencies:

Goal 9: Ethical and Civic Responsibility: ___ by meeting the following competencies:

Goal 10: People and the Environment: ___ by meeting the following competencies:

Prerequisites or Necessary Entry Skills/Knowledge:
Admission to the Associate in Science nursing program

Topics to be Covered (General)
Classifications of medications

Therapeutic effects, side effects, and adverse effects of medications correlated with patient safety issues

Pathophysiology related to body defenses, hematopoiesis, cardiovascular function, respiratory function, urinary function, digestive function, neural function, and endocrine function as correlates with pharmacologic therapy.

Student Learning Outcomes

1. Examine classifications of medications utilized to manage common disorders. (NLN: Professional Identity)

2. Integrate knowledge of pathophysiology with principles of pharmacology to facilitate patient safety. (QSEN: Safety)

3. Explain therapeutic effects, side effects, and adverse effects of classes of medications from a pathophysiologic perspective. (QSEN: Evidence-based Practice)

4. Explain patient centered care interventions to facilitate safety related to pharmacologic therapy. (NLN: Nursing Judgment)

5. Distinguish priority assessments and interventions that demonstrate clinical judgment and facilitate pharmacologic safety. (QSEN: Safety/NLN: Nursing Judgment)

Is this course part of a transfer pathway: Yes ☐ No ☒

*If yes, please list the competencies below

Revised 8/19