Faculty members are required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Academic Affairs and Standards Council.

DEPT. Nursing COURSE NUMBER: 1230

NUMBER OF CREDITS: 2 Lecture: 2
Lab: 

Course Title:
Pharmacology II

Catalog Description:
Builds on pharmacological concepts, drug classifications, and effects of drugs on the client from Pharmacology I. It prepares the learner for dosage calculations and the administration of medications.

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:

Acceptance into the Practical Nursing Program and successful completion of NURS 1130 Pharmacology I.

### Topics to be Covered (General)

<table>
<thead>
<tr>
<th>Topics</th>
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<tbody>
<tr>
<td>Antineoplastic Drugs</td>
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<tr>
<td>Drugs that Affect the Urinary System</td>
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<tr>
<td>Drugs that Affect the Gastrointestinal System</td>
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<td>Drugs used to Manage Pain</td>
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<td>Drugs that Affect the Peripheral Nervous System</td>
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<td>Drugs that Affect the Central Nervous System</td>
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<td>Drugs that Affect the Neuromuscular System</td>
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<td>Drugs that Affect the Endocrine System</td>
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<td>Dosage Calculations</td>
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### Student Learning Outcomes

*2-3 Learning outcomes per credit
*Must be observable
*Must be measurable
*Must specify an action that is done by student learners
*More specific objectives can be identified on instructor syllabi for the course
*Must begin with an action verb

1. Determine reliable information related to pharmacology that support patient care, reduces reliance on memory, and enhances competency within the practice setting.
2. Utilize the major classifications of medications, common medications within each classification, potential/actual complications (side effects), contradictions and rationales for medication administration in the care of the patient.
3. Apply the nursing process when administering pharmacological therapies in the plan of care for patients across the lifespan.
4. Contribute to the plan of care of learning needs for patients taking various classifications of medications.
5. Analyze ethical and legal implications related to the administration of medication to clients across the lifespan.
6. Analyze environmental safety and potential complications related to effects of pharmacological therapies.
7. Apply principles of safe medication administration in relation to pharmacology, pharmacokinetics, and pharmacodynamics and the nurses’ role in preventing medication errors.
8. Analyze one’s responsibility to prevent actual/potential patient complications related to pharmacological therapies.

See SAMPLE EXPECTED LEARNING OUTCOMES STATEMENTS and ACTION VERB LIST FOR COURSE OUTCOMES in the Minnesota West Curriculum Development Manual which can be accessed at [https://www.mnwest.edu/faculty-resources/curriculum-manual](https://www.mnwest.edu/faculty-resources/curriculum-manual)

### Is this course part of a transfer pathway: Yes [ ] No [x]

*If yes, please list the competencies below*

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#### Is this course part of a transfer pathway: Yes [ ] No [x]

*If yes, please list the competencies below*