College of the Marshall Islands
COURSE OUTLINE

CIP No. 51.1601
NURS 113 Pharmacology
Alpha Number

Course Description
Introduction to pharmacological agents, their sources, actions, uses, side effects, and metabolism with the body. Reviews system of measurement and dosage calculation. Includes nursing actions relative to safe drug administration and control.

Course prepared by: Nursing and Allied Health Department February 2013

<table>
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<tr>
<th>Hours per Week</th>
<th>Number of Weeks</th>
<th>Total Hours</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Lecture</td>
<td>3</td>
<td>16</td>
<td>48</td>
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<tr>
<td>Laboratory</td>
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<td>Clinical</td>
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<td>Seminar</td>
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Total Credit Hours 3

Purpose of Course: Degree Requirement X
Degree Elective _____
General Education _____
Certification _____
Developmental _____
Community _____
Education _____
Other _____

Prerequisite(s) MATH 90s or Placement in Credit Math, SCI 230, and SCI 210

Signature, Curriculum Committee Chairperson 
Signature, Dean of Academic Affairs
Signature, Vice President of Academic Affairs

Last Date reviewed or revised: January 2016
I. Pharmacology

II. Course Outcomes

A. General Learning Outcomes

The student will:
1. Describe the fundamental principles of pharmacology (NURS 1, 3)
2. Discuss the roles and responsibilities of the nurse in drug administration (NURS 1, 2, 3)
3. Use the Nursing Process in administering drug safety (NURS 1, 2, 3)

B. Student Learning Outcomes

Upon completion of this course, the student will be able to:
1. Apply fundamental principles of pharmacology in patient care
2. Demonstrate nursing roles and responsibilities that ensure safe drug administration
3. Develop nursing care plans for clients on drug therapy specific to their medical condition

III. Course Content

Introduces students to the principles, characteristics, classifications, and safe administration of pharmacologic agents.

1. Principles of pharmacology
2. Nursing process and drug administration
3. Characteristic and classification of pharmacologic agents
4. Calculations and administration of pharmacologic agents

IV. Methods of Instruction

1. Lecture and class discussion
2. Small group work and projects
3. Individual and group presentations
4. Practice safe drug administration

V. Equipment and Materials

1. Audio-visual aids
2. Library and online resources
3. Medication administration sets

VI. Suggested Methods of Evaluation

1. Tests
2. Oral and written reports
3. Skills demonstration

Letter grades will be assigned per CMI Grading System.