Course Title - Pharmacology
Course Prefix and Number - 1249
Department – Health Information Technology
Division – Allied Health
Course Type: (check one)
☐ Academic General Education Course (from ACGM – but not in WCJC Core)
☐ Academic WCJC Core Course
☒ WECM course (This course is a Special Topics or Unique Needs Course: Y ☒ or N ☐)

Semester Credit Hours # : Lecture Hours # : Lab/Other Hours # 2:2:0

Equated Pay Hours for Course - 2

Course Catalog Description - Overview of the basic concepts of the pharmacological treatment of various diseases affecting major body systems.

Prerequisites/Co-requisites - None

Prepared by Debbie Lutringer
Date 09/17/2013

Reviewed by Department Head Debbie Lutringer
Date 09/17/2013

Accuracy Verified by Division Chair Carol Derkowski
Date 04/04/2014

Approved by Dean or Vice President of Instruction Amy LaPan
Date 4-4-2014
I. Topical Outline – Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, clinical or other non-lecture instruction):

   A. Introduction
      1. Historical overview of pharmacology
      2. Consumer Safety and Drug Regulations
      3. Drug Names and References
      4. Classification, Identifying Names and Legal Terms
      5. Sources and Bodily Effects of Drugs
      6. Medication Preparations and Supplies
      7. Abbreviations and Systems of Measurement
      8. Safe Dosage and Preparation
      9. Responsibilities and Principles of Drug Administration
     10. Administration by the Gastrointestinal Route
     11. Administration by the Parenteral Route
     12. Poison Control
   B. Drug Classifications
      1. Vitamins, Minerals and Herbs
      2. Skin Medications
      3. Autonomic Nervous System Drugs
      4. Antineoplastic Drugs
      5. Urinary System Drugs
      6. Gastrointestinal Drugs
      7. Anti-infective Drugs
      8. Eye Medications
      9. Analgesics, Sedatives, and Hypnotics
     10. Psychotropic Medications, Alcohol and Drug Abuse
     11. Musculoskeletal and Anti-inflammatory Drugs
     12. Anticonvulsants, Antiparkinsonian Drugs and Agents for Alzheimer’s Disease
     13. Endocrine System Drugs
     14. Reproductive Systems Drugs
     15. Cardiovascular Drugs
     16. Respiratory System Drugs and Antihistamines
     17. Drugs and Older Adults

II. Course Learning Outcomes

<table>
<thead>
<tr>
<th>Learning Outcome</th>
<th>Methods of Assessment</th>
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<td>Upon successful completion of this course, students will:</td>
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<td>Identify drugs associated with the treatment process.</td>
<td>Written exam</td>
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<td>Examine drug therapy.</td>
<td>Exercises, group discussion</td>
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III. Required Text(s), Optional Text(s) and/or Materials to be supplied by student.

Regular access to computer technology appropriate for www.courses.

IV. Suggested Course Maximum - 20

V. List any specific spatial or physical requirements beyond a typical classroom required to teach the course.

Regular conventional classroom or computer lab. Instructor must have training in, and access to all appropriate technology for www.courses

VI. Course Requirements/Grading System – Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course

Final evaluation in the course will be based on grades achieved during the semester and the final exam.

Grading scale:
93—100%   A  
85—92%     B  
78—84%     C  
70—77%     D  
0 -- 69%    F

Daily Grade Average  (activities/assignments/internet activities)  15%  
Test Average        70%  
Final Exam          15%

VII. Curriculum Checklist

☐ - Academic General Education Course (from ACGM – but not in WCJC Core)
   No additional documentation needed

☐ - Academic WCJC Core Course
   Attach the Core Curriculum Checklist, including the following:
   • Basic Intellectual Competencies
   • Perspectives
   • Exemplary Educational Objectives

☒ - WECM Courses
   If needed, revise the Program SCANS Matrix & Competencies Checklist.