



**Course Information**

<b>Course Title</b>	Pharmacology
<b>Course Prefix, Num. and Title</b>	HITT 1249
<b>Division</b>	Allied Health
<b>Department</b>	Health Information Technology
<b>Course Type</b>	WECM Course
<b>Course Catalog Description</b>	Overview of the basic concepts of the pharmacological treatment of various diseases affecting major body systems.
<b>Pre-Requisites</b>	None
<b>Co-Requisites</b>	None

**Semester Credit Hours**

<b>Total Semester Credit Hours (SCH): Lecture Hours:</b>	2:2:0
<b>Lab/Other Hours</b>	
<b>Equated Pay Hours</b>	2
<b>Lab/Other Hours Breakdown: Lab Hours</b>	Enter Lab Hours Here.
<b>Lab/Other Hours Breakdown: Clinical Hours</b>	Enter Clinical Hours Here.
<b>Lab/Other Hours Breakdown: Practicum Hours</b>	Enter Practicum Hours Here.
<b>Other Hours Breakdown</b>	List Total Lab/Other Hours Here.

**Approval Signatures**

<b>Title</b>	<b>Signature</b>	<b>Date</b>
<b>Prepared by:</b>		
<b>Department Head:</b>		
<b>Division Chair:</b>		
<b>Dean/VPI:</b>		
<b>Approved by CIR:</b>		

## Additional Course Information

**Topical Outline:** Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, and 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

### Course Learning Outcomes:

**Learning Outcomes – Upon successful completion of this course, students will:**

Identify drugs associated with the treatment process.

Examine drug therapy.

**Methods of Assessment:**

Written exam Exercises, group discussion

### Required text(s), optional text(s) and/or materials to be supplied by the student:

Woodrow, Ruth, Essentials of Pharmacology for Health Occupations with MindTap, 8th Edition. Albany, NY: Delmar Thomson Learning, 2019.

Access to a computer with a webcam and microphone, a reliable internet connection, and access to the WCJC Blackboard website.

### **Suggested Course Maximum:**

20

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

Access to technology appropriate for www.courses.

**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 15%

(activities/assignments/internet activities)

Test Average 70%

Final Exam 15%

### **Curriculum Checklist:**

- Administrative General Education Course** (from ACGM, but not in WCJC Core) – No additional documents needed.
- Administrative WCJC Core Course.** Attach the Core Curriculum Review Forms
  - Critical Thinking
  - Communication
  - Empirical & Quantitative Skills
  - Teamwork
  - Social Responsibility
  - Personal Responsibility
- WECM Course** -If needed, revise the Program SCANS Matrix and Competencies Checklist