



Purpose: It is the intention of this Administrative-Master Syllabus to provide a general description of the course, outline the required elements of the course and to lay the foundation for course assessment for the improvement of student learning, as specified by the faculty of Wharton County Junior College, regardless of who teaches the course, the timeframe by which it is instructed, or the instructional method by which the course is delivered. It is not intended to restrict the manner by which an individual faculty member teaches the course but to be an administrative tool to aid in the improvement of instruction.

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

Approvals – the contents of this document have been reviewed and are found to be accurate.

List Lab/ Other Hours
Lab Hours
Clinical Hours
Practicum Hours
Other (list)

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Vice President of Instruction or Dean of Vocational Instruction Leigh Ann Collins, RDH, MAIE	Signature 	Date 1-14-11



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

Course Learning Outcome	Method of Assessment
Identify drugs associated with the treatment process	Written exam
Examine drug therapy, dosages, actions, and drug administration routes.	Exercises, group discussion

III. Required Text(s), Optional Text(s) and/or Materials to be supplied by student.

Woodrow, Ruth, Essentials of Pharmacology for Health Occupations, 6th Edition, 2011.

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. The final evaluation will be on the following 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.