

ACCHS Course Syllabus

COURSE TITLE: Western Pharmacology

COURSE NUMBER: WM221

UNITS/HOURS: 3/45

TERM OFFERED: IV

INSTRUCTOR: Lisa Medel, D.C.

COURSE OBJECTIVES:

Students learn the critical thinking necessary for understanding medications from allopathic/western medicine, including their classification, mechanism of action and pharmacokinetics. Students will learn the principles behind allopathic medicine and its relationship to Oriental Medicine.

TEACHING METHODS:

Lecture, discussion, visual aids: charts, handouts, models; quizzes, midterm and final.

GRADING POLICY: 40% mid-term
45% final
15% quizzes and classroom participation

PREREQUISITES: General Chemistry
Western Pathology

RECOM. TEXTBOOK: Basic & Clinical Pharmacology 8th Edition by Bertram Katzung

REFERENCE TEXTS: Nursing Drug Guide
Brody's Human Pharmacology 4th Edition
Worst Pills Best Pills by Wolfe, Sasich, Hope et al

WEEKLY COURSE OUTLINE:

Week 1	Introduction to pharmacology; allopathic medicine philosophy
Week 2	Pharmacokinetics; Autonomic and Peripheral Nervous Systems
Week 3	Central Nervous System and Pain Management
Week 4	Central Nervous System and Pain Management Con't
Week 5	Cardiovascular System
Week 6	Cardiovascular System con't; Renal system
Week 7	Midterm exam
Week 8	Respiratory System
Week 9	Gastrointestinal System and Toxicology
Week 10	Endocrine System
Week 11	Immune System and Infectious Disease
Week 12	Immune System con't and Anti-neoplastic medications
Week 13	Clinical Decision Making, history taking, Western herbs
Week 14	Course Review
Week 15	Final Exam

