

**Eastern WV Community & Technical College
Master Course Record**

Course Prefix and Number: AH 241
Course Title: Pharmacology for Allied Health
Recommended Transcript Title: Pharmacology for Allied Health
Date Approved/Revised: May 17, 2010
Credit Hours: 3 Contact hours per week (Based on 15 week term): Lecture: 3 Lab:
Prerequisite: Enrollment restricted to Nursing students in their second year of an Associate of Applied Science Nursing degree program. Corequisite: Pre/Corequisite:
Grading Mode: Letter Grade
Catalog Description: Pharmacology for Allied Health students or professionals is a sixteen (16) week course designed to help the student or health professional develop an understanding of basic pharmacological concepts, drug action and clinical application. As drug therapy is an integral part of health care, allied health students/professionals have a vital role in drug therapy and observation of drug effects.
Course Outcomes: <ol style="list-style-type: none"> 1. Demonstrate knowledge of drug classifications, common side-effects and nursing implication. 2. Examine therapeutic uses of medications 3. Describe principles and methods of drug administration which includes PO, intradermal, intravenous and topical agents. 4. Critically asses a client's response to chemical therapeutic measures and describe expected outcomes with drug administration 5. Utilize critical analysis and synthesize concepts of pharmacology and how it is integrated into health care using the nursing process 6. Compare the significance of the chemical names, generic names and brand name of a drug 7. Identify the meaning of common abbreviations and component parts of a written prescription and physician orders in the hospital setting 8. Discuss drug development, significances of scheduling of drugs and federal control 9. Explain drug absorption, distributions, metabolism and excretions of medications. 10. Describe drug concentrations in the body including peak, trough and half life 11. Examine potentiation, agonist and antagonist effects among drug combinations 12. Describe age, sex, body weight, body surface area, basal metabolic rate, disease states, genetic factors, placebo effect, time of administration and tolerance on drug affects on the human body

13. Describe the rights of Medication Administration 14. Perform drug calculations
Implementation Cycle: Spring
Role in College Curriculum: (Check all that apply) <input type="checkbox"/> General Education Core (Specify category) <input checked="" type="checkbox"/> Technical Core: Nursing <input type="checkbox"/> Restricted Elective (Specify category) <input type="checkbox"/> General Elective
Course Fee: Yes
Instructor's Qualifications: Master's Degree in Nursing preferred. Two years experience teaching in a professional nursing program. Bachelor's Degree in Nursing and two years recent relevant professional medical/surgical and/or maternity nursing experience required. Must be enrolled in MSN program; must be licensed as a Registered Professional Nurse in West Virginia.
Expanded Course Description: This course was adapted with permission from Southern West Virginia Community & Technical College Nursing Program.

Prepared by:

Name, Title

Date

Approved Per LOT Minutes

Dean, Academic and Student Services

Date