



Wayne County Community College District

COURSE SYLLABUS

PNE 104 Basic Principles of Pharmacology for the Practical Nurse

CREDIT HOURS: 3

CONTACT HOURS: 45

COURSE DESCRIPTION:

This course is designed to give the student an understanding of specific drug groups emphasizing physiological classifications and generic nomenclature. The course integrates knowledge of physiology, chemistry, nursing fundamentals, calculations, interpretation of medication orders, as well as the knowledge and ability to administer medications safely. Discussion of specific physiological drug groups are organized according to their use in treating alterations in health and disease processes. This course also provides opportunities to develop competencies necessary to meet the needs of medication administration and incorporate using the nursing process. This course introduces students to basic principles of pharmacology and the knowledge necessary to safely administer medication. Course content includes legal implications, pharmacokinetics, pharmacodynamics, calculations of drug dosages, medication administration, and an overview of drug classifications. Upon completion of this course, the student should be able to calculate and administer medications safely in the clinical setting.

PREREQUISITE: PN 100, PN 101, PN 102

LEARNING OUTCOMES:

Upon successful completion of this course, the student will be able to:

1. Discuss the steps of the nursing process and how they are used in the administration of medications.
2. Outline the nurse's responsibility in giving medications.
3. List actions and uses for major drug classifications/categories.
4. Identify common adverse reactions associated with major drug classifications.
5. Describe the most common drug interactions among the major drug classifications.
6. Apply the nursing process to information about the major drug classifications.
7. Develop specific teaching plans for patients taking medications from the major drug classifications.
8. Evaluate whether responses to medications are therapeutic or non-therapeutic.

ASSESSMENT METHODS:

Teaching methodologies may include classroom lecture, class discussion, small group discussion, demonstration, return demonstration, focus on critical thinking, reading assignments, objective examinations, self-assessment, accessing internet resources, power point presentations, and case study analysis. In addition, in the skills areas teaching methodologies include activate participation in demonstration, return demonstration and written assignments. Assignment may vary based on content areas and course requirements. Weekly course objectives incorporate the concepts related to the role of the Practical Nurse.



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GRADING SCALE:

Grade	Points	Description	Current Grading Scale
A	4.0	Excellent	93% - 100%
B	3.0	Above Average	84% - 92.9%
C	2.0	Average	75% - 83.9%
D	1.0	Below Average	70% - 74.9%
E	0	Failure to complete course requirements - Unsatisfactory	<69.9%