

PNUR 129: PHARMACOLOGY 2 (30 HOURS)

COURSE DESCRIPTION

This course will increase the learners understanding of pharmacology and medication administration across the lifespan. Medications used to treat diseases related to specific body systems is the main focus of the course. Also included are the topics of substance abuse and addiction.

PRE-REQUISITES: Successful completion of Level 1 courses and Level 1 Consolidated Practice Experience.

CO-REQUISITES: Professional Practice 2; Professional Communications 2; Integrated Nursing Practice 2; Variations in Health 2; Health Promotion 2.

LEARNING OUTCOMES

Upon completion of the course, the learner will be able to:

1. Describe medication classifications, actions, interactions and nursing implications relative to body systems including: endocrine, neurological, cardiovascular, respiratory, gastrointestinal, genitourinary, musculoskeletal systems, and miscellaneous drug classification.
2. Relate drug interactions, polypharmacy, and food/drug effects to medication used by clients across the lifespan, particularly the older adult.
3. Describe the effects, uses, and indications for antimicrobials, as well as the relationship with drug resistance.
4. Relate theoretical understanding of narcotic side effects, indications for use, and legal responsibilities.
5. Describe the potential interaction of complementary, Indigenous and herbal preparations with prescription medications.
6. Demonstrate competency with mathematical drug calculations.

PN Course Outlines

EVALUATION CRITERIA

- Math Exam -- based on drug dosage calculations, achieve a 100% pass, given 3 attempts to achieve 100% (different exam each attempt). (*Learning outcome #6*)
- Pharmacology Theory Exam #1 (*Portions of all Learning outcomes*)
- Pharmacology Theory Exam #2 (*Portions of all Learning outcomes*)
- Pharmacology Theory Comprehensive Final exam. (*All learning outcomes*)
- **Note: learners must achieve an 80% average overall on the theory portion of pharmacology**

Exam #1	30%
Exam #2	30%
Final Exam	40%

COURSE OUTLINE

<u>CLASS #</u>	<u>TOPICS</u>
1	Introduction to Older Adult Medications
2	Nervous System
3	More Nervous System
4	Exam #1 and Math Calculations Exam
5	Gastrointestinal & Genitourinary Systems
6	Cardiovascular System
7	Respiratory System
8	Endocrine System
9	Exam #2 and Math Calculations Exam
10	Musculoskeletal System
11	Substances of Addiction & Pain Medications
12	Anit-Infectives & ARO's
13	Review
14	Final comprehensive exam