

BOSSIER PARISH COMMUNITY COLLEGE
Master Syllabus

Course Prefix and Number: PRNU 150

Credit Hours: 2

Course Title: PN Basic Pharmacology

Clock Hours Lecture/Lab/Clinical: 30/0/0

Enrollment in the program courses (PRNU) is limited to those students who have been selected and admitted to the Practical Nursing program. Program courses are sequenced by semester and must be taken as a group each semester per program requirements and policies.

Textbook(s): Textbook of Basic Nursing, Eleventh Edition, Caroline Bunker Rosdahl, Mary T. Kowalski
Workbook for Textbook of Basic Nursing, Eleventh Edition, Caroline Bunker Rosdahl, Mary T. Kowalski
Dosage Calculations, Gloria D. Pickar
PN Pharmacology for Nursing, ATi

Course Description: Medical math, terminology, abbreviations, and principles of medication administration are presented in this course. Drug classifications and their effect on the various body systems are presented. Specific drugs in each classification are emphasized according to expected effects, side effects, and adverse effects. Routes of drug administration and variables that influence drug action are covered including dangerous drug interactions and nursing implications related to each drug. Safety precautions to decrease the incidence of errors in medication administration are stressed. Advanced medication calculations will be required to demonstrate knowledge of safe dosing parameters. The nursing process is utilized to assess the patient's learning needs and effects of all pharmacological interventions. (30 hours lecture)

Learning Outcomes:

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

- A. Discuss the concepts of pharmacology.
- B. Explain the principles of safely administering oral medications.
- C. Correctly use medical terminology associated with pharmacology and medication administration.
- D. Recognize pertinent information on drug labels.

Course Objectives:

Upon successful completion of this course with a minimum of 80% accuracy, the student will:

1. Explain how the Controlled Substances Act regulates the storage of, and accountability for, specific medications. Describe the proper procedure for monitoring these *scheduled* drugs in the healthcare facility. (A, D)
2. Describe specific client rights, related to prescribed medications. (A)
3. List sources of drug information for nurses. (A)
4. Define the terms chemical, generic, official, and trade/brand names of medications. State which medication names are most commonly used. (A)
5. Describe dosage formats for oral medications. (A, B)
6. List and describe routes of medication administration. (B, C)
7. Discuss factors influencing medication dosage. (C, D)
8. Differentiate between prescribed and over-the-counter medications. (A, C)
9. List required components of a prescription. (D)
10. Describe the following classifications of medications, including actions, possible side effects, adverse reactions, nursing considerations, and examples of each: antibiotics, analgesics and narcotics, hypnotics and sedatives, anticonvulsants, steroids, anti-hypertensives, diuretics, and cardiotonics. (A, C)
11. Discuss implications associated with drug-resistant bacteria. (A)
12. Discuss major side effects of prolonged steroid therapy. (A)
13. Describe the most common side effects of narcotics, hypnotics, and sedatives. (A, C)
14. Demonstrate ability to research information about medications accurately. (B, D)

Course Requirements: To earn a grade of "C" or higher the student must earn 80% of the total points for the course.

Course Grading Scale: The final grade will not be rounded up EX. 79.5 = 79 = D

100-94 = A

93-87 = B

86-80 = C

79-73 = D

72-0 = F

Attendance Policy: The attendance policy for the BPCC Practical Nursing Program is included in the program student handbook, which is also posted to the program page of the BPCC website.

Nondiscrimination Statement:

Bossier Parish Community College does not discriminate on the basis of race, color, national origin, gender, age, religion, qualified disability, marital status, veteran's status, or sexual orientation in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of its operations. Bossier Parish Community College does not discriminate in its hiring or employment practices.

Coordinator for Section 504 and ADA:

Angie Cao, Student and Disability Services Specialist

Disability Services, F254, 6220 East Texas Street, Bossier City, LA 71111

318-678-6511

acao@bpcc.edu

Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.

Equity/Compliance Coordinator:

Teri Bashara, Director of Human Resources

Human Resources Office, A-105, 6220 East Texas Street, Bossier City, LA 71111

318-678-6056

tbashara@bpcc.edu

Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.

Reviewed by RChampagne 04/2021