

**BOSSIER PARISH COMMUNITY COLLEGE**  
**Master Syllabus**

**Course Prefix and Number:** PRNU 140

**Credit Hours:** 5

**COURSE TITLE:** PN Med Surg I

**Clock Hours Lecture/Lab/Clinical:** 75/0/0

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.

**Course Co-requisites:** PRNU 141

**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  
PN Adult Medical Surgical Nursing, ATi

**Course Description:** This course is a study of the nursing process as a method of individualizing patient care of the adult and geriatric clients with special emphasis directed towards essential concepts of fluid and electrolytes and acid-base balance, care of the perioperative adult client and the adult client experiencing alterations in cardiovascular, lymphatic, and immune functioning. Included is a review of anatomy and physiology, therapeutic and modified diets, commonly prescribed medications and medical treatment procedures, and nursing care interventions for each disease process covered. (75 hours lecture)

**Learning Outcomes:**

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

- A. Apply concepts of anatomy and physiology to medical-surgical nursing.
- B. Demonstrate knowledge of appropriate nursing interventions to the care of adults with common alterations of health.
- C. Discuss and demonstrate using therapeutic communication and professional, patient-centered care skills for the medical-surgical client.
- D. Identify common medications used for each disease process covered.

**Course Objectives:**

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

1. Explain the relationship between normal/abnormal anatomy and physiology of each body system discussed and the correlation to the diseases identified. (A)
2. Identify, discuss, and differentiate between therapeutic and modified diets related to the diseases identified, including but not limited to: (B)
  - a. Clear liquid diet
  - b. Full liquid diet
  - c. Soft diet
  - d. Edentulous diet
  - e. High fiber diet
  - f. Low fiber diet
  - g. Bland diet
  - h. Calorie controlled diets
  - i. Nutrient controlled diets
  - j. Enteral feedings
3. Describe nutritional assessments, drug-nutrient interactions, legal and ethical principles of nutrition, nutritional documentation, and interventions that are associated with each disease process and its nutritional modification. (B)
4. Reinforce the purpose of the adult client's laboratory tests and related teaching requirements, and the significance of lab values as they relate to pharmacological interventions for each body system discussed. (A)
5. Describe the practical nurse's role in each of the steps of the nursing process. (B)
6. Discuss the application of the nursing process in the clinical/laboratory setting. (B, C)
7. Discuss normal physiology of fluid/electrolytes and acid-base regulation. (B)
8. Describe the physiological adaptation of the adult client to fluid/electrolyte and acid-base imbalances with emphasis on pathophysiology.(B)
9. Discuss the impact of pharmacological agents on fluid/electrolytes or acid-base regulation. (D)
10. Evaluate common laboratory assessments, comparing to normal parameters, for the adult client with fluid/electrolytes, acid-base, and cardiovascular/lymphatic/immune disorders. (B)

11. Name the primary types of anesthesia. (B)
12. Identify the practical nurse's collaborative role in perioperative care. (B)
13. Verbalize perioperative nursing functions including teaching, identification of risk factors and legal implications, including surgical asepsis, potential for complications, accident/error prevention and safety. (C)
14. Identify nursing actions related to pain management. (C, D)
15. Identify common disorders of the cardiovascular/lymphatic/immune systems. (A)
16. Discuss common pharmacological agents used to treat adult clients with cardiovascular/lymphatic and immune disorders. (D)
17. Identify modes of transmission of HIV and interventions for risk reduction for health care workers. (B)
18. Discuss and evaluate implications of the cardiovascular/lymphatic/immune systems disease processes on geriatric clients. (A, B)

**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

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

**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](mailto: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

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

Reviewed by RChampagne 04/2021