**BARTON COUNTY COMMUNITY COLLEGE**

**COURSE SYLLABUS**

# I. GENERAL COURSE INFORMATION

Course Number: NURS 1228

Course Title: PHARMACOLOGY FOR NURSES

Credit Hours: 3 (Theory: 3 cr hr = 37.5 contact hours)

Prerequisites: Admission to nursing program

Division/Discipline: WTCE/NURSING

Course Description: This course introduces the principles of pharmacology which include drug classifications and their effects on the body. Emphasis is placed on nursing care related to the safe calculation and administration of medications to clients across the life span.

# INSTRUCTOR INFORMATION

# COLLEGE POLICIES

Students and faculty of Barton Community College constitute a special community engaged in the process of education. The college assumes that its students and faculty will demonstrate a code of personal honor that is based upon courtesy, integrity, common sense and respect for others both within and outside the classroom.

Plagiarism on any academic endeavors at Barton Community College will not be tolerated. The student is responsible for learning the rules of, and avoid instances of, intentional or unintentional plagiarism. Information about academic integrity is located in the Student Handbook.

The College reserves the right to suspend a student for conduct that is detrimental to the College’s educational endeavors as outlined in the College Catalog, Student Handbook, and College Policy & Procedure Manual. [Most up-to-date documents are available on the College webpage.]

Any student seeking an accommodation under provisions of the Americans with Disabilities Act (ADA) is to notify Student Support Services via email at [disabilityservices@bartonccc.edu](mailto:disabilityservices@bartonccc.edu)

**IV. COURSE AS VIEWED IN THE TOTAL CURRICULUM**

Pharmacology for Nurses is designed to fulfill the curriculum approved by the Kansas State Board of Nursing for Practical Nurse/Associate Degree completion. This course will provide a foundation for continued progression in the nursing program. Pharmacology for Nurses fulfills partial curriculum requirements towards the Practical Nurse (PN) certificate and the Associate Degree in Nursing (ADN).

The transferability of all courses will vary among institutions, and perhaps even among departments, colleges, or programs within an institution. Institutional requirements may also change without prior notification. Students are responsible to obtain relevant information from intended transfer institutions to insure that the courses the student enrolls in are the most appropriate set of courses for the transfer program.

**V.** **ASSESSMENT OF STUDENT LEARNING**

Barton Community College is committed to the assessment of student learning and to quality education. Assessment activities provide a means to develop an understanding of how students learn, what they know, and what they can do with their knowledge. Results from these various activities guide Barton, as a learning college, in finding ways to improve student learning.

**PN Alignment Program Outcomes/Barton Student Learning Outcomes (SLO)**

1. Relationship-centered care: provide nursing care that is relationship-centered, caring, culturally sensitive and based on the physiological, psychosocial and spiritual needs of clients with commonly occurring health alterations that have predictable outcomes.
2. Teamwork and Collaboration: collaborate with the client and members of the inter-professional health care team to promote continuity of client care and shared decision-making.
3. Evidence based practice: use current evidence as a basis for nursing practice.
4. Informatics: use information and client care technology to support the delivery of safe, quality client care.
5. Quality Improvement: participate in quality improvement activities assessing their effect on client outcomes.
6. Safety: provide an environment that is safe and reduces risk of harm for clients, self, and others.
7. Professionalism: demonstrate accountability for client care that incorporates legal and ethical principles, regulatory guidelines, and standards of nursing practice.
8. Leadership: use leadership skills that support the provision and coordination of client care.

**Quality and Safety Education for Nurses Competencies (QSEN)**

1. Patient Centered Care: recognize the patient or designee as the source of control and full partner in

providing compassionate and coordinated care based on respect for patient’s preferences, values and

needs.

2. Team Work and Collaboration: function effectively within nursing and inter-professional teams,

fostering open communication, mutual respect, and shared decision-making to achieve quality

patient care.

3. Evidence-Based Practice (EBP): integrate best current evidence with clinical expertise and

patient/family preferences and values for delivery of optimal health care.

1. Quality Improvement (QI): use data to monitor the outcomes of care processes and use improvement methods to design and test changes to continuously improve the quality and safety of health care systems.
2. Safety: minimize risk of harm to patients and providers through both system effectiveness and individual performance.
3. Informatics: use information and technology to communicate, manage knowledge, mitigate error, and support decision making.

# Course Outcomes, Competencies, and Supplemental Competencies:

1. Identify basic pharmacology principles related to medication management. (SLO 6; QSEN 5)

1. List the major pharmacodynamic drug categories.

2. Define the main phases of the drug cycle (pharmacokinetics).

1. Describe legal aspects of medication administration. (SLO 7; QSEN 1)

1. Describe federal laws and regulations governing medication administration.

2. Identify the legal components of a prescription.

1. Discuss components of safe medication administration. (SLO 6, 7; QSEN 5, 6)

1. Describe methods used to help reduce medication-related errors.

2. Identify common abbreviations used in medication administration.

3. Describe the various routes of medication administration.

4. Interpret the components of a medication label.

5. Utilize resources to identify pertinent information related to medications.

6. Calculate medication dosages safely and accurately.

1. Describe nursing considerations related to system specific medications. (SLO 1, 3, 6, 7; QSEN 1, 3, 5)

1. Describe actions of common medication classifications.

2. List common medications according to classification.

3. Recognize the indications for the use of common medications.

4. Identify side effects for common medications.

5. Outline nursing responsibilities before, during and after a medication is administered.

1. Describe nursing considerations related to administration of vitamins, minerals, and herbals.

(SLO 1, 3, 6; QSEN 1, 3, 5)

1. Describe actions of vitamins, minerals, and herbal medications.

2. Identify the indications for the use of vitamins, minerals, and herbal medications.

3. List side effects and special considerations for vitamins, minerals, and herbal medications.

# VI. INSTRUCTOR’S EXPECTATIONS OF STUDENTS IN CLASS

# VII. TEXTBOOKS AND OTHER REQUIRED MATERIALS

**VIII. REFERENCES**

# METHODS OF INSTRUCTION AND EVALUATION

# X. ATTENDANCE REQUIREMENTS

**XI. COURSE OUTLINE**