

COURSE SYLLABUS

LAST REVIEW	Spring 2021
COURSE TITLE	Fundamentals of Pharmacology and Safe Medication Administration
COURSE NUMBER	KSPN 0115
DIVISION	Health Professions
DEPARTMENT	Nursing/Practical Nurse
CIP CODE	51.3901
CREDIT HOURS	2
CONTACT HOURS/WEEK	Class: 1.5 Clinical: 1.5
PREREQUISITES	None
COURSE PLACEMENT	This course is part of a selective admission program. Students must be admitted to the Nursing/Practical Nurse program to enroll in this course.

COURSE DESCRIPTION

This course provides an introduction to the principles of pharmacology. Emphasis is placed on nursing care related to the safe calculation and administration of medications to clients across the life span.

PROGRAM ALIGNMENT

This course is part of a program aligned through the Kansas Board of Regents and Technical Education Authority. For more information, please visit:

https://kansasregents.org/workforce_development/program-alignment

PROGRAM LEARNING OUTCOMES

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 interprofessional 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.

TEXTBOOKS

<http://kckccbookstore.com/>

METHODS OF INSTRUCTION

A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

COURSE OUTLINE

- I. Principles of Pharmacology
- II. Safe Medication Administration
- III. Techniques of Safe Medication Administration (including lab)

COURSE LEARNING OUTCOMES

Upon successful completion of this course, the student will:

- A. Discuss the principles of pharmacology, pharmacokinetics, and pharmacodynamics in relation to medication therapy. (EOPSLO #1, 6)
- B. Discuss nursing implications and concepts of safety when performing medication administration. (EOPSLO #1, 3, 6, 7)
- C. Demonstrate proper techniques that support safe medication administration. (EOPSLO #1, 3, 6)
- D. Describe the legal and ethical implications/aspects of medication administration. (EOPSLO #6)

ASSESSMENT OF COURSE LEARNING OUTCOMES

Student progress is evaluated through both formative and summative assessment methods. Specific details may be found in the instructor's course information document.

COLLEGE POLICIES AND PROCEDURES

Student Handbook

<https://www.kckcc.edu/files/docs/student-resources/student-handbook-and-code-of-conduct.pdf>

College Catalog

<https://www.kckcc.edu/academics/catalog/index.html>

College Policies and Statements

<https://www.kckcc.edu/about/policies-statements/index.html>

Accessibility and Accommodations

<https://www.kckcc.edu/academics/resources/student-accessibility-support-services/index.html>.