



ILLINOIS VALLEY COMMUNITY COLLEGE

COURSE OUTLINE

DIVISION: Nursing

COURSE: NUR 1206 Pharmacology II for the Nursing Student

Date: Fall 2022

Credit Hours: 1.5

Complete all that apply or mark "None" where appropriate:

Prerequisite(s): NUR 1200, NUR 1205

Enrollment by assessment or other measure? ☐ Yes ☒ No

If yes, please describe:

Corequisite(s): None

Pre- or Corequisite(s): NUR 1210 or NUR 1211. Concurrent or successful completion of Level 2 course(s).

Consent of Instructor: ☐ Yes ☒ No

Delivery Method:	<input checked="" type="checkbox"/> Lecture	1.5 Contact Hours (1 contact = 1 credit hour)
	<input type="checkbox"/> Seminar	0 Contact Hours (1 contact = 1 credit hour)
	<input type="checkbox"/> Lab	0 Contact Hours (2-3 contact = 1 credit hour)
	<input type="checkbox"/> Clinical	0 Contact Hours (3 contact = 1 credit hour)
	<input type="checkbox"/> Online	
	<input type="checkbox"/> Blended	
	<input type="checkbox"/> Virtual Class Meeting (VCM)	

Offered: ☐ **Fall** ☒ **Spring** ☐ **Summer**

CATALOG DESCRIPTION and IAI NUMBER (if applicable):

This course is designed to continue to prepare the nursing student to safely administer medications in the clinical setting. The intent of this course is to assist the nursing student in application of the fundamentals of drug therapy and pharmacotherapeutics of nursing practice that were introduced in NUR 1205. The focus of major drug classifications and specific medicinal agents will continue from NUR 1205 and be

discussed in relation to pharmacodynamics, pharmacokinetics, therapeutic use, adverse reactions, and precautions. Major drug classifications included in this course include Cardiovascular Agents, Respiratory Agents, Neurologic Agents, and Psychiatric Agents. Substance Abuse is also addressed.

ACCREDITATION STATEMENTS AND COURSE NOTES:

The IVCC Associate Degree Nursing Program is accredited by the Accreditation Commission for Education of Nursing (ACEN). This course is part of the nursing curriculum used to prepare students for entry into the nursing profession. Students must earn a C or better in this course to progress in the nursing program.

COURSE TOPICS AND CONTENT REQUIREMENTS:

- A. Cardiovascular Agents
 - 1. Cardiac Glycoside, Antianginals, and Antidysrhythmics
 - 2. Diuretics
 - 3. Antihypertensive Drugs
 - 4. Anticoagulants, Antiplatelets, and Thrombolytics
 - 5. Antilipidemics and Peripheral Vasodilators
- B. Respiratory Agents
 - 1. Drugs for Common Upper Respiratory Disorders
 - 2. Drugs for Acute and Chronic Lower Respiratory Disorders
- C. Neurologic and Neuromuscular Agents
 - 1. Central Nervous System Stimulants
 - 2. Central Nervous System Depressants
 - 3. Anticonvulsants
 - 4. Drugs for Neurologic Disorders
 - 5. Drugs for Neuromuscular Disorders
- D. Endocrine Agents
 - 1. Thyroid Gland
 - 2. Parathyroid Gland
 - 3. Adrenal Gland
 - 4. Antidiabetic Drugs
- E. Substance Abuse
 - 1. Discuss substance abuse and the significance of the problem in the United States.
 - 2. Identify the drugs or chemicals that are most frequently abused.
 - 3. Contrast the signs and symptoms of the most commonly abused drugs/chemicals.
 - 4. Compare the treatments for drug withdrawal for the most commonly abused opioids (narcotics), central nervous system (CNS) depressants, amphetamines and other CNS stimulants, nicotine, and alcohol.
 - 5. Describe alcohol abuse syndrome with a focus on signs and symptoms, mild to severe alcohol withdrawal symptoms, and associated treatment.
 - 6. Describe other drug abuse syndromes, signs and symptoms, withdrawal symptoms, and treatment regimens.
 - 7. Identify various assessment tools used in the nursing assessment of substance abuse.
- F. Psychiatric Agents
 - 1. Antipsychotics

- 2. Anxiolytics
- 3. Antidepressants
- 4. Mood Stabilizers
- G. Gastrointestinal Agents
 - 1. Drugs for Gastrointestinal Tract Disorders
 - 2. Antiulcer Drugs

INSTRUCTIONAL METHODS:

- Recorded Lectures
- Discussion Questions
- EAQ
- Simulation-Shadow Health

EVALUATION OF STUDENT ACHIEVEMENT:

Students will have the opportunity to earn their grade through chapter quizzes, midterm and final exams, chapter assignments, and discussion posts.

A= 93-100

B= 86-92

C= 80-85

D= 70-79

F= Below 70

INSTRUCTIONAL MATERIALS:

Textbooks

Lilley, L.L., Rainforth-Collins, S., & Snyder, J., (2022). *Pharmacology and the Nursing Process*, 10th ed. St. Louis, MO: Elsevier.

Hubert, R. J., & VanMeter, K. (2021). *Gould's Pathophysiology for the Health Professions* (7th ed.). St. Louis, MO: Elsevier.

Skidmore-Roth, L. (2022). *Nursing Drug Reference* (35th ed.). St. Louis, MO: Elsevier

Resources

Evolve Shadow Health

Evolve Sherpath

LEARNING OUTCOMES AND GOALS:

Institutional Learning Outcomes

- ☐ 1) Communication – to communicate effectively;
- ☒ 2) Inquiry – to apply critical, logical, creative, aesthetic, or quantitative analytical reasoning to formulate a judgement or conclusion;
- ☐ 3) Social Consciousness – to understand what it means to be a socially conscious person, locally and globally;
- ☐ 4) Responsibility – to recognize how personal choices affect self and society.

Course Outcomes and Competencies

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

1. Demonstrates nursing judgment using the nursing process framework in order to address basic concepts related to safe medication administration.
 - 1.1 Identify and implement nursing judgment using the nursing process framework in online simulations and case studies.
 - 1.2 Implement the nursing process in planning care for simulated patients with selected health conditions who receive medications.
2. Applies therapeutic communication techniques to establish/maintain nurse/client relationships in the simulation setting and through threaded discussions.
 - 2.1 Define the knowledge, skills, and attitudes necessary to promote safety in a healthcare setting.
 - 2.2 Explore qualities that foster a therapeutic nurse-patient relationship and qualities that contribute to a nontherapeutic nurse-patient relationship.
 - 2.3 Discuss the influences of disparate values and cultural beliefs on the therapeutic relationship.
3. Identify basic therapeutic and evidence-based nursing interventions in providing holistic care to simulated clients/aggregates with selected health conditions.
 - 3.1 Implement the biological, psychological, social and spiritual components of clients in plans of care for medication administration.
 - 3.2 Define and discuss evidence-based practice and evidence-based decision-making in the plan of nursing care.
 - 3.3 Identify the importance of critical thinking and critical reading skills for critically appraising research studies.
4. Identify and apply quality improvement and safety initiatives in online medication administration simulations.
 - 4.1 Understand the importance of safety initiatives in medication administration.
 - 4.2 Discuss the 'Nine Rights' and other rights associated with safe medication administration.
 - 4.3 Discuss the connection between Quality and Safety Education for Nurses (QSEN) and interprofessional education to the improvement of patient outcomes.
5. Reflect on the ability to provide the prescribed plan of nursing care to clients/aggregates in collaboration with other members of the health care team through discussion posts and through simulation.
 - 5.1 Describe the nurse's responsibility in making clinical decisions as a member of the healthcare team.
 - 5.2 Discuss methods for communicating effectively in the healthcare setting.

6. Describe the biopsychosocial medication responses of culturally diverse client populations across the lifespan.
 - 6.1 Provide culturally appropriate and competent nursing care and medication administration for the simulated patient.
 - 6.2 Describe barriers to communication that hinder the development of a therapeutic relationship.
 - 6.3 Plan nursing care and medication administration according to the communicated needs and cultural background of the simulated client.
7. Assimilate attributes of professional behavior in the online classroom.
 - 7.1 Integrate the professional responsibility and standards of practice for the professional nurse as related to the medication administration process.
 - 7.2 Understand how professional standards influence a nurse's clinical decisions.