

JAMESTOWN COMMUNITY COLLEGE
State University of New York

INSTITUTIONAL COURSE SYLLABUS

Course Title: Pharmacology For Nurses II

Course Abbreviation and Number: NUR 2360

Credit Hours: 1.5

Course Type: Lecture

Course Description: Students will continue to be introduced to essential information which promotes the knowledge and skills of safe medication therapy to clients/patients across the lifespan. The course will present the study of the pharmacological action of medications and the care of the client/patient using the nursing process. The course focuses on the medication for patients with alterations in the following: oxygenation, perfusion, sensory-perception, tissue integrity, cellular regulation and psycho-social.

Prerequisite: NUR 2350 Part I, and successful completion of NUR 1520, BIO 2510 and BIO 2520 with a grade of C or better.

Student Learning Outcomes:

Students who demonstrate understanding can:

1. Recognize general concepts of medication action in terms of: pharmacotherapeutics, pharmacokinetics, pharmacodynamics, client/patient responses, and potential drug interactions.
 2. Group medication by their mechanism of action and pharmacological class
 3. Assess clients/patients for therapeutic and adverse responses to drug therapy.
 4. Apply the principles of pharmacology action to the care of the clients/patients across the life span.
 5. Utilize the nursing process in the administration of medications to clients/patients.
 6. Employ information regarding selected ethical, legal and professional issues as they relate to the administration of medications.
 7. Teach patients and family members safe and effective drug administration.
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Topics Covered:

- Physiology of the Autonomic Nervous System
 - Drug therapy to enhance the Adrenergic response
 - The Anti-adrenergic response
 - Physiology of the Cardiovascular System
 - Electrolytes
 - Drug Therapy for Fluid Volume Excess
 - Drug Therapy for Dyslipidemia
 - Drug Therapy for Hypertension
 - Drug Therapy for Angina
 - Drug Therapy for Heart Failure
 - Drug Therapy for Coagulation Disorders
 - Physiology of the Respiratory System
 - Drug Therapy for Asthma and Bronchoconstriction
 - Antihistamines
 - Decongestants and cold remedies
 - Nursing interventions for ANS, Cardiovascular and Respiratory
 - Vitamins and Minerals
 - Drug Therapy for Parkinson's Disease
 - Drug Therapy for Seizure Disorders
 - Drugs Therapy for Tuberculosis
 - Drug Therapy for Viral Infections
 - Drug Therapy for Fungal Infections
 - Drug Therapy for Parasitic Infections
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Information for Students

- Expectations of Students
 - [Civility Statement](#)

- [Student Responsibility Statement](#)
- [Academic Integrity Statement](#)
- [Accessibility Services](#)
Students who require accommodations to complete the requirements and expectations of this course because of a disability must make their accommodation requests to the Accessibility Services Coordinator.
- [Get Help: JCC & Community Resources](#)
- [Emergency Closing Procedures](#)
- Course grade is determined by the instructor based on a combination of factors, including but not limited to, homework, quizzes, exams, projects, and participation. Final course grade can be translated into a grade point value according to the following:

A=4.0	B+=3.5	B=3	C+=2.5	C=2	D+=1.5	D=1	F=0
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- Veterans and active duty military personnel with special circumstances (e.g., upcoming deployments, drill requirements, VA appointments) are welcome and encouraged to communicate these to the instructor.

Effective Date: Fall 2021