



Basic Course Information

Semester:	Fall 2024	Instructor Name:	Suellen Encinas, MSN-Ed, RN
Course Title & #:	Pharmacology II	Email:	suellen.encinas@imperial.edu
CRN #:	11196	Webpage (optional):	Imperial.edu
Classroom:	2152	Office #:	760-355-6348 (Nursing Office)
Class Dates:	08/24/2024-12/07/2024	Office Hours:	M & T: 3:30-4:30 PMW & TH: 1:15 -2:15pm
Class Days:	Thursday	Office Phone #:	760-355-6348 (Nursing Office)
Class Times:	0240-0445	Last day to drop with a "W"	11/02/2024
Units:	2.0	Class Format:	Classroom

Course Description

This course focuses on those components of pharmacology related to safe nursing care. It includes information about the general classification of drugs and principles of therapy related to the effects, actions, and therapeutic use of each drug. The nursing actions and rationale for nursing actions are covered. Clinical application is integrated into the clinical nursing courses.

Course Prerequisite(s) and/or Corequisite(s)

[VN 112](#)

[VN 114](#)

Student Learning Outcomes

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. Differentiate among the types of drug actions; side effects, adverse reactions, and therapeutic effects in simulated and/or clinical situations. (ATI) (ILO 2, ILO 4)
2. Identify purposes and actions of medications affecting the immune system and nursing actions needed when providing care for clients using these medications. (ILO 1, ILO 2, ILO 4)

Course Objectives

1. Discuss Federal and State laws that regulate pharmacologic agents as they apply to nursing activities.
2. Explain the nurse's legal responsibilities related to administering medications.
3. Describe the major classification of drugs as they relate to specific body systems.
4. Relate the major classification of drugs to the application of nursing care.
5. Contrast the similar properties of drugs within each classification.



6. Explain the actions, effects and therapeutic uses of each major classification of drugs.
7. Demonstrate understanding of cultural-psychosocial aspects of patient care related to patient teaching and compliance in administration of medications.

Textbooks & Other Resources or Links

Required:

<https://wtcs.pressbooks.pub/pharmacology2e/>

Open Resources for Nursing (Open RN); Editors: Kimberly Ernstmeyer, MSN, RN, CNE, CHSE, APNP-BC and Elizabeth Christman, DNP, RN, CNE. Eau Claire (WI): Chippewa Valley Technical College; 2023.

ISBN-13: 9781957068022

(ebook)ISBN-13:

9781957068039 (print)

ATI: Pharmacology Made Easy 5.0

Recommended:

Vallerand, A.H. & Sanoski, C.A. 2018. Davis's Drug Guide for Nurses 16th. FA Davis ISBN: 978- 0803669451.

Hogan, M.A. 2017. Pharmacology with Nursing Reviews and Rationales 4th. Pearson ISBN: 978-0134517155

Course Requirements and Instructional Methods

VN 124 will follow classroom model:

Weekly assigned reading to be completed before class, as per syllabus schedule

Chapter quiz will be given as per syllabus schedule.

Instructional Method:

- Discussion
- Group Activity
- Computer Assisted Instruction
- Lecture
- Simulation/Case Study

Course Grading Based on Course Objectives

This is a nursing course therefore the grading is per the nursing department grading scales and will apply to all weekly activities and exams.

A = 93-100%

B = 84-92%

C = 78-83%

F = Below 78%



Course Policies

- The below information is the IVC attendance policy.
- A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student's status will be the same as that of any other student who desires to add a class. It is the student's responsibility to drop or officially withdraw from the class. See General Catalog for details.
- Regular attendance in all classes is expected of all students. Students whose continuous, unexcused absences exceed the number of hours the class is scheduled to meet per week may be dropped.
- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.
- Attendance is critical to student success and for IVC to use federal aid funds. Acceptable indications of attendance are:
 - a) Student submission of an academic assignment
 - b) Student submission of an exam

Other Course Information

Out-of-class assignments:

Read and study assigned units / modules in the workbook. Complete the assigned problem-solving activities and be prepared to discuss answers.

Reading and Writing:

Read assigned chapters and develop/submit medication cards (or defined workbook sheets) with appropriate dosages, purpose, and contraindications.

IVC Student Resources

IVC wants you to be successful in all aspects of your education. For help, resources, services, and an explanation of policies, visit <http://www.imperial.edu/studentresources> or click the heart icon in Canvas.

Anticipated Class Schedule/Calendar

[Provide a tentative overview of the readings, assignments, tests, and/or other activities for the duration of the course. A table format as in the example below may be used for this purpose.]

Date or Week	Activity, Assignment, and/or Topic	Pages/ Due Dates/Tests
Week 1 0815/2024	Welcome VN 124 Syllabus & Introduction to Pharmacology	ATI: Introduction to Pharmacology
Week 2 08/22/2024	Chapter 1: Kinetics & Dynamics Lecture and Discussion Chapter 2: Legal/Ethical Lecture and Discussion	Case Study / Quiz
Week 3 08/29/2024	Chapter 3: Antimicrobials Lecture and Discussion	ATI MODULE: INFECTION
Week 4 09/05/2024	Chapter 4: Autonomic Nervous System Lecture and Discussion	ATI MODULE: THE NEUROLOGICAL SYSTEM (PART 1)



Date or Week	Activity, Assignment, and/or Topic	Pages/ Due Dates/Tests
Week 5 09/12/2024	Chapter 8: Central Nervous System Lecture and Discussion	ATI MODULE: THE NEUROLOGICAL SYSTEM (PART 2)
Week 6 09/19/2024	Chapter 5: Respiratory Lecture and Discussion	ATI MODULE: THE RESPIRATORY SYSTEM
Week 7 09/26/2024	Chapter 6: Cardiovascular and Renal System Lecture and Discussion	ATI MODULE: HEMATOLOGIC SYSTEM
Week 8 10/03/2024	Cont. Chapter 6: Cardiovascular and Renal System Lecture and Discussion	ATI MODULE: THE CARDIOVASCULAR SYSTEM
Week 9 10/10/2024	Pharmacology Mid-Term	
Week 10 10/17/2024	Chapter 7: Gastrointestinal Lecture and Discussion	ATI MODULE: THE GASTROINTESTINAL SYSTEM
Week 11 10/24/2024	Chapter 9: Endocrine Lecture and Discussion	ATI MODULE: THE ENDOCRINE SYSTEM
Week 12 10/31/2024	Chapter 10: Analgesics and Musculoskeletal Lecture and Discussion	ATI MODULE: THE MUSCULOSKELETAL SYSTEM
Week 13 11/07/2024	Cont. Chapter 10: Analgesics and Musculoskeletal Lecture and Discussion	PN Pharmacology Online Practice 2023 A
Week 14 11/14/2024	ATI: Practice test	PN Pharmacology Online Practice 2023 B
Week 15 11/21/2024	ATI: Pharmacology (proctored)	
11/28/2024	Holiday	
Week 16 12/05/2024	Pharmacology Final Exam	

*****Subject to change without prior notice*****