



IMPERIAL VALLEY COLLEGE

Basic Course Information

Semester:	Spring 23	Instructor Name:	Suellen Encinas, MSN-Ed, RN
Course Title & #:	Pharmacology II	Email:	suellen.encinas@imperial.edu
CRN #:	20753	Webpage (optional):	Imperial.edu
Classroom:	2110	Office #:	760-355-6348 (Nursing Office)
Class Dates:	02/13/23 – 06/09/23	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	Emergency Contact:	760-355-6348 (Nursing Office)
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.



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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:

Ernstmeyer, K. and Christman, E. (Eds.) 2021. Nursing Pharmacology 1. OER - Creative Commons. XanEdu ISBN: 978-1-73491-411-5.

Velarde, Gloria 2020. Pharmacology Notes: Nursing Implications for Clinical Practice creative commons OER

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.

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.

Deadline to drop WITH "W": 13 MAY 2023

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 02/16/23	Welcome VN 124 Syllabus & Introduction	
Week 2 02/23/23	Chapter 1: Kinetics & Dynamics Lecture and Discussion	Ch. 1: Practice Activities 1. Flash Cards 2. Absorption Knowledge Check 3. Pharmacokinetics Quiz
Week 3 03/02/23	Chapter 2: Legal/Ethical Lecture and Discussion	Ch. 2: Practice Activities 1. The Five Rights 2. Medication Reconciliation 3. Glossary Terms Ch. 1 Quiz
Week 4 03/09/23	Chapter 3: Antimicrobials Lecture and Discussion	Ch. 3: Practice Activities

Date or Week	Activity, Assignment, and/or Topic	Pages/ Due Dates/Tests
		1. Flash Cards 2. Antimicrobial Fill-ins 3. Knowledge Check 4. Classification Quiz Ch. 2 Quiz
Week 5 03/16/23	Cont. Chapter 3: Antimicrobials Lecture and Discussion	Ch. 3: Practice Activities 1. Flash Cards 2. Antimicrobial Fill-ins 3. Knowledge Check 4. Classification Quiz
Week 6 03/23/23	Chapter 4: Autonomic Nervous System Lecture and Discussion	Ch. 4: Practice Activities 1. Flash Cards 2. ANS Knowledge Check 3. SNS Knowledge Check 4. SNS Receptor Quiz Ch. 3 Quiz
Week 7 03/30/23	Chapter 5: Respiratory Lecture and Discussion	Ch. 5: Practice Activities 1. Match Up 2. Medication Quiz 3. Terms 4. Branching Scenario Ch. 4 Quiz
Week 8 04/06/23	Chapter 5: Cont. Respiratory Lecture and Discussion	Ch. 5: Practice Activities 1. Match Up 2. Medication Quiz 3. Terms 4. Branching Scenario
Week 9 04/13/23	SPRING BREAK	
Week 10 04/20/23	Chapter 6: Cardiovascular and Renal System Lecture and Discussion	Ch. 6: Practice Activities 1. Terms 2. Matching 3. Knowledge Check 4. Branching Scenario Ch. 5 Quiz



Date or Week	Activity, Assignment, and/or Topic	Pages/ Due Dates/Tests
Week 11 04/27/23	Chapter 6: Cardiovascular and Renal System Lecture and Discussion	Ch. 6: Practice Activities 1. Terms 2. Matching 3. Knowledge Check 4. Branching Scenario
Week 12 05/04/23	Chapter 7: Gastrointestinal Lecture and Discussion	Ch. 7: Practice Activities 1. Hyperacidity Knowledge Check 2. GI Disorders Knowledge Check 3. Terms Ch. 6 Quiz
Week 13 05/11/23	Chapter 8: Central Nervous System Lecture and Discussion	Ch. 8: Practice Activities 1. Terms 2. Knowledge Check Ch. 7 Quiz
Week 14 05/18/23	Chapter 9: Endocrine Lecture and Discussion	Ch. 9: Practice Activities 1. Match up 2. Knowledge Check 3. Terms Ch. 8 Quiz
Week 15 05/25/23	Chapter 10: Analgesics and Musculoskeletal Lecture and Discussion	Ch. 10 Practice Activities 1. Terms 2. Match up 3. Knowledge Check Ch. 9 Quiz
Week 16 06/01/23	Pharmacology II Review for Final	Ch. 10 Quiz
Week 17 06/08/23	Final Exam	

Subject to change without prior notice