



Basic Course Information

Semester:	2	Instructor Name:	Suellen Encinas
Course Title & #:	VN 124 Pharmacology I	Email:	Suellen.encinas@imperial.edu
CRN #:	10965	Webpage (optional):	Imperial Valley College
Classroom:	3100	Office #:	760-355-6348 (Nursing Office)
Class Dates:	08/16-12/11	Office Hours:	MT1200-1300 W1315 -1415 R1300-1400
Class Days:	R	Office Phone #:	760-355-6348 (Nursing Office)
Class Times:	1400-1605	Emergency Contact:	(760)879-3941
Units:	2	Class Format:	Hybird

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.



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Textbooks & Other Resources or Links

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.

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

Course Requirements and Instructional Methods

VN 124 will follow hybrid 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

THERE ARE NO MAKE-UP QUIZES REGARDLESS OF EXCUSE

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. Student whose continuous, unexcused absences exceed the number of hours the class is scheduled to meet per week may be dropped. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have

excessive absences and 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:

- Student submission of an academic assignment
- Student submission of an exam
- Documented student interaction with class postings, such as an interactive tutorial or computer-assisted instruction via modules
- A posting by the student showing the student's participation in an assignment created by the instructor
- A posting by the student in a discussion forum showing the student's participation in an online discussion about academic matters
- An email from the student or other documentation showing that the student has initiated contact with a faculty member to ask a question about an academic subject studied in the course.

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

Date or Week	Activity, Assignment, and/or Topic	Pages/ Due Dates/Tests
Week 1 August 19, 2021	Welcome VN 124 Syllabus & Introduction	N/A
Week 2 August 26, 2021	Chapter 1: Kinetics & Dynamics Lecture and Discussion	Ch 1: Pg. 13-54



Date or Week	Activity, Assignment, and/or Topic	Pages/ Due Dates/Tests
Week 3 September 03, 2021	Chapter 2: Legal/Ethical Lecture and Discussion	Ch 2: Pg. 59-129 Quiz: Ch 1 (10pts)
Week 4 September 09, 2021	Chapter 3: Antimicrobials Lecture and Discussion	Ch 3: Pg. 135-178 Quiz: Ch 2 (10pts)
Week 5 September 16, 2021	Chapter 3: Cont. Antimicrobials and Discussion	Ch 3: Pg. 179-203
Week 6 September 23, 2021	Chapter 4: Autonomic Nervous System Lecture and Discussion	Ch 4: Pg. 209-255 Quiz: Ch 3 (10pts)
Week 7 September 30, 2021	Chapter 5: Respiratory Lecture and Discussion	Ch 5: Pg. 261-286 Quiz: Ch 4 (10pts)
Week 8 October	Chapter 5: Cont. Respiratory Lecture and Discussion	Ch 5: Pg. 287-312
Week 9	Chapter 6: Cardiovascular and Renal System Lecture and Discussion	Ch 6: Pg. 315-378 Quiz: Ch 5 (10pts)
Week 10	Chapter 6: Cont. Cardiovascular and Renal System Lecture and Discussion	Ch 6: Pg. 379-436
Week 11	Chapter 7: Gastrointestinal Lecture and Discussion	Ch7: Pg. 443-505 Quiz: Ch 6 (10pts)
Week 12	Chapter 8: Central Nervous System Lecture and Discussion	Ch 8: Pg. 511-547 Quiz: Ch 7
Week 13	Chapter 8: Cont. Central Nervous System Lecture and Discussion	Ch 8: Pg. 548-579
Week 14	Chapter 9: Endocrine Lecture and Discussion	Ch: 9 Pg. 585-661 Quiz: Ch 8
Week 15	No class- Holiday	Study for final exam



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Date or Week	Activity, Assignment, and/or Topic	Pages/ Due Dates/Tests
Week 16	Chapter 10: Analgesics and Musculoskeletal Lecture and Discussion	Ch 10 Pg. 667-723 Quiz: Ch 9 (10pts) Quiz: Ch 10 (10pts)
Week 17	Final Exam	Final Exam (100pts)

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