

Basic Course Information *SUBJECT TO CHANGE*

Semester	Spring 2017	Instructor's Name	Daniel G. Ortiz, Jr.
Course Title&#	VN124: Pharmacology II	Instructor's Email	daniel.ortiz@imperial.edu
CRN #	20999	Webpage (optional):	www.imperial.edu
Room	2139	Instructor's Office	2126
Class Dates	2/15/17- 06/07/17	Office Hours By Appointment Only	W: 1640- 1740 TH: 1300-1350
Class Days	Wednesday	Office Hours:	(760) 355-6493
Class Times	1300-1510	Emergency Contact:	Nursing Office Secretary
Units	2.0 unit		(760) 355-6348

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 Content:

Pharmacology II includes those aspects of pharmacology used by nurses in the daily care of patients. Nurses are called upon to perform many aspects of drug related activities. In order to successfully accomplish these responsibilities, the nurse must understand why a drug is being administered or being withheld. She/he must be capable of monitoring the beneficial effects of the medication as well as recognizing and taking appropriate actions to deal with adverse effects. This course provides the pharmacologic information needed by the nurse to carry out these diverse activities.

Clinical application of the pharmacology principles learned in this class will be integrated into the clinical nursing courses and students will be required to investigate all medication prior to administration.

Student Learning Outcomes

1. Differentiate among the types of drug actions, side effects, adverse reactions, and therapeutic effects.
2. Identify actions and purpose of medications affecting the immune system and nursing actions needed when providing care for clients using these medications.

Course Objectives

The student will:

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

- A. Holland, N., Adams, M., Brice, J. (2015). Core Concepts in Pharmacology (4th ed.). Upper Saddle River, NJ: Pearson
- B. Holland, N., Adams, M., Brice, J. (2015). Student Workbook and Resource Guide for Core Concepts in Pharmacology. (4th ed.). Upper Saddle River, NJ: Pearson

RECOMMENDED

- a. Davis Drug Guide or other approved drug guide book
- b. Canvas Mobile App [Canvas by Instructure]

Course Requirements and Instructional Methods

Prerequisites:

VN112 and VN 114 or permission of the instructor is necessary. This class is one of the two classes necessary for those students who wish to challenge the NCLEX-PN.

Hours:

Theory Lecture Units: 2 Hours: 36

Student progress in this course may be measured using exams, quizzes, pop-quizzes, homework assignments, drug cards, classroom presentation, or online assignments.

Classroom work:

The student is expected to bring required materials to class. This includes the required study guides to be worked on during class time.

Tests:

There will be exams covering the topics reviewed in class. They will consist of in class exams and/or exams taken on Dosagecalc.com. **Note, All on-line content is time stamped Eastern Standard Time and as such, must be submitted accordingly.**

THERE ARE NO MAKE-UP EXAMS REGARDLESS OF EXCUSE.

Out of Class Assignments:

There will be homework assignments posted to Canvas. Assignments will cover the topics discussed in class. **NO LATE WORK WILL BE ACCEPTED.**

The Department of Education policy states that one (1) credit hour is the amount of student work that reasonably approximates not less than one hour of class time and two (2) hours of out-of-class time per week over the span of a semester.

Course Grading Based on Course Objectives

Grading will include home assignments, class participation, group projects, no more than 6 quizzes, Mid-Term exam, and Final exam. A total grade of 78% and passing the final at 78% or above are required to pass this course.

Students must maintain a “C” average grade as determined by the scale below:

A= 92/100%, B= 83/91%, C= 75/82%, D=68/74%, F= Below 68%. Grades will not be rounded

To advance to the next semester, a total grade of 78% or above AND passing the final at 78% or above is required in this course and the co-requisite courses. The student is responsible for dropping (W) the class before the deadline as outlined on registration forms. Failure to pass this class will affect the ability to progress to the next semester. Students failing must make an appointment to speak with the Director of Nursing Education.

Content emphasized in class reading assignments, presentations, lectures, discussions, and some journal assignments will be used in the quizzes and exams. The point values for major assignments are listed below with due dates to be given during the class. Journals x4 at up to 10 pts/each; class participation up to 10 pts; 4 quizzes at up to 100 pts/ each; 2 group presentations at up to 100 pts / each; Mid-Term and Final exams at up to 100 pts /each.

Attendance

This class has 16 Instruction days. If you are absent more than 2 days, you need to drop the class. If you no longer plan to attend class it is your responsibility, not the Instructor's, to drop you from the class. Students are strongly encouraged to meet all class sessions as homework and assignments will be provided at the end of lecture.

- 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. A 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.

Classroom Etiquette

I expect each student in this class to respectfully participate. While I enjoy teaching and I hope you have fun in this class, please act professionally and keep other students feelings in mind and refrain from rude, inappropriate behavior and language in class.

- Electronic Devices: Cell phones and electronic devices must be turned off and put away during class, unless otherwise directed by the instructor.
- Food and Drink are prohibited in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed by the instructor.
- Disruptive Students: Students who disrupt or interfere with a class may be sent out of the room and told to meet with the Campus Disciplinary Officer before returning to continue with coursework. Disciplinary procedures will be followed as outlined in the [General Catalog](#).
- Children in the classroom: Due to college rules and state laws, no one who is not enrolled in the class may attend, including children.

Online Netiquette

- What is netiquette? Netiquette is internet manners, online etiquette, and digital etiquette all rolled into one word. Basically, netiquette is a set of rules for behaving properly online.
- Students are to comply with the following rules of netiquette: (1) identify yourself, (2) include a subject line, (3) avoid sarcasm, (4) respect others' opinions and privacy, (5) acknowledge and return messages promptly, (6) copy with caution, (7) do not spam or junk mail, (8) be concise, (9) use appropriate language, (10) use appropriate emoticons (emotional icons) to help convey meaning, and (11) use appropriate intensifiers to help convey meaning [do not use ALL CAPS or multiple exclamation marks (!!!!)].

Academic Honesty

Academic honesty in the advancement of knowledge requires that all students and instructors respect the integrity of one another's work and recognize the important of acknowledging and safeguarding intellectual property.

There are many different forms of academic dishonesty. The following kinds of honesty violations and their definitions are not meant to be exhaustive. Rather, they are intended to serve as examples of unacceptable academic conduct.

- Plagiarism is taking and presenting as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to "cite a source" correctly, you must ask for help.
- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment, or using or attempting to use materials, or assisting others in using materials that are prohibited or inappropriate in the context of the academic assignment in question.

Anyone caught cheating or plagiarizing will receive a zero (0) on the exam or assignment, and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the [General Catalog](#) for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to, the following: (a) plagiarism; (b) copying or attempting to copy from others during an examination or on an assignment; (c) communicating test information with another person during an examination; (d) allowing others to do an assignment or portion of an assignment; (e) using a commercial term paper service.

Additional Help – Discretionary Section and Language

Imperial Valley College offers various services in support of student success. The following are some of the services available for students. Please speak to your instructor about additional services which may be available.

- [Canvas Support Site](#). The Canvas Support Site provides a variety of support channels available to students 24 hours per day.
- [Learning Services](#). There are several learning labs on campus to assist students through the use of computers and tutors. Please consult your [Campus Map](#) for the [Math Lab](#); [Reading, Writing & Language Labs](#); and the [Study Skills Center](#).

- **[Library Services](#)**. There is more to our library than just books. You have access to tutors in the [Study Skills Center](#), study rooms for small groups, and online access to a wealth of resources.

Disabled Student Programs and Services (DSPS)

Any student with a documented disability who may need educational accommodations should notify the instructor or the [Disabled Student Programs and Services](#) (DSP&S) office as soon as possible. The DSP&S office is located in Building 2100, telephone 760-355-6313. Please contact them if you feel you need to be evaluated for educational accommodations.

Student Counseling and Health Services

Students have counseling and health services available, provided by the pre-paid Student Health Fee.

- **[Student Health Center](#)**. A Student Health Nurse is available on campus. In addition, Pioneers Memorial Healthcare District provide basic health services for students, such as first aid and care for minor illnesses. Contact the IVC [Student Health Center](#) at 760-355-6128 in Room 1536 for more information.
- **[Mental Health Counseling Services](#)**. Short-term individual, couples, family, and group therapy are provided to currently enrolled students. Contact the IVC [Mental Health Counseling Services](#) at 760-355-6196 in Room 2109 for more information.

Student Rights and Responsibilities

Students have the right to experience a positive learning environment and to due process of law. For more information regarding student rights and responsibilities, please refer to the IVC [General Catalog](#).

Information Literacy

Imperial Valley College is dedicated to helping students skillfully discover, evaluate, and use information from all sources. The IVC [Library Department](#) provides numerous [Information Literacy Tutorials](#) to assist students in this endeavor.

Anticipated Class Schedule/Calendar		
Date	Description, Topic(s)	Assignment(s) Pages/ Due Dates/Tests
Week 1 Feb. 15	Course Introduction and Syllabus Overview. Canvas, Learning Methods, 1. Introduction to Pharmacology: Drug Regulation and Approval 2. Drug Classes, Schedules, and Categories 3. Methods of Drug Administration 4. What Happens After a Drug Has Been Administered 5. The Nursing Process in Pharmacology	Read Ch: 1-5 Student Work Book Ch: 2-5 Due Feb 17: Complete Homework questions as posted in Canvas
Week 2 Feb. 22	Guest Speaker on CAM therapies: Tammie Thomas 6. The Role of Complementary and Alternative Therapies in Pharmacology 8. Drugs Affecting Functions of the Autonomic Nervous System	Read Ch: 6 & 8 Student Work Book Ch: 6 & 8 Due Feb 24: Complete Homework questions as posted in Canvas
Week 3 Mar. 1	Quiz 1: CH 1-6, 8 7. Substance Abuse 9. Drugs for Anxiety and Insomnia 10. Drugs for Emotional, Mood, and Behavioral Disorders 11. Drugs for Psychoses	Read Ch: 7, 9-11 Student Work Book Ch: 7, 9-11 Due Mar. 3: Complete Homework questions as posted in Canvas
Week 4 Mar. 8	12. Drugs for Degenerative Diseases and Muscles 13. Drugs for Seizures 14. Drugs for Pain Management 15. Drugs for Anesthesia	Read Ch: 12-15 Student Work Book Ch: 12-15 Due Mar. 10: Complete Homework questions as posted in Canvas
Week 5 Mar. 15	Quiz 2: CH 7, 9-15 17. Diuretics and Drugs for Electrolyte and Acid-Base Disorders 18. Drugs for Hypertension 19. Drugs for Heart Failure	Read Ch: 17-19 Student Work Book Ch: 17-19 Due Mar. 17: Complete Homework questions as posted in Canvas
Week 6 Mar. 22	20. Drugs for Angina Pectoris, Myocardial Infarction, and Stroke 21. Drugs for Shock and Anaphylaxis 22. Drugs for Dysrhythmias 23. Drugs for Coagulation Disorders	Read Ch: 20-23 Student Work Book Ch: 20-23 Due Mar 24: Complete Homework questions as posted in Canvas
Week 7 Mar. 29	Quiz 3: CH 17-23 31. Vitamins, Minerals, and Nutritional Supplements 32. Drugs for Endocrine Disorders	Read Ch: 31 & 32 Student Work Book Ch: 31 & 32 Due Mar 31: Complete Homework questions as posted in Canvas
Week 8 Apr. 5	Mid-Term covering week 1 - 7 subject matter	
Week 9 Apr. 12	33. Drugs for Diabetes Mellitus 34. Drugs for Disorders and Conditions of the Reproductive System	Read Ch: 33 & 34 Student Work Book Ch: 33 & 34 Due Apr 14: Complete Homework questions as posted in Canvas

Imperial Valley College Course Syllabus – VN124 Pharmacology II

Date	Description, Topic(s)	Assignment(s) Pages/ Due Dates/Tests
Week 10 Apr. 19	SPRING BREAK	
Week 11 Apr. 26	Guest Speaker on Respiratory Disorders 29. Drugs for Respiratory Disorders	Read Ch: 29 Student Work Book Ch: 29 Due Apr 28: Complete Homework questions as posted in Canvas
Week 12 May 3	Guest Speaker on GI Disorders 30. Drugs for Gastrointestinal Disorders	Read Ch: 30 Student Work Book Ch: 30 Due May 5: Complete Homework questions as posted in Canvas
Week 13 May 10	24. Drugs for Inflammation and Fever 25. Drugs for Immune System Modulation 26. Drugs for Bacterial Infections	Read Ch: 24-26 Student Work Book Ch: 24-26 Due May 12: Complete Homework questions as posted in Canvas
Week 14 May 17	Group Presentations 27. Drugs for Fungal, Viral, and Parasitic Diseases	Read Ch: 27 Student Work Book Ch: 27 Due May 19: Complete Homework questions as posted in Canvas
Week 15 May 24	Group Presentations 28. Drugs for Neoplasia	Read Ch: 28 Student Work Book Ch: 28 Due May 26: Complete Homework questions as posted in Canvas
Week 16 May 31	16. Drugs for Lipid Disorders 36. Drugs for Skin Disorders 37. Drugs for Eye and Ear Disorders	Read Ch: 30 Student Work Book Ch: 30 Due Jun 2: Complete Homework questions as posted in Canvas
Week 17 Jun. 7	FINAL	