

**Basic Course Information. "SUBJECT TO CHANGE"**

Semester:	<b>Spring 2020</b>	Instructor Name:	<b>Carmen Bravo RN MSN</b>
Course Title & #:	<b>VN 124 Pharmacology II</b>	Email:	<b>carmen.bravo@imperial.edu</b>
CRN #:	<b>21548</b>	Webpage (optional):	<b>www.imperialvalleycollege.com</b>
Classroom:	<b>2135</b>	Office #:	<b>2134</b>
Class Dates:	<b>Feb 18 2020 – June 12 2020</b>	Office Hours:	<b>M-T 1200-1300 W-TH 1300-1400</b>
Class Days:	<b>Thursday</b>	Office Phone #:	<b>760-355-1161</b>
Class Times:	<b>1400-1605</b>	Emergency Contact:	<b>Nursing Office Secretary</b>
Units:	<b>2.0</b>		<b>760-355-6348</b>

**Class Start Date:** 18 FEB 2020

**Last Date to Add:** 29 FEB 2020

**Class End Date:** 12 JUN 2020

**Deadline to drop WITH "W":** 16 MAY 2020

**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.(CSU)

**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.
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

Upon satisfactory completion of the course, students will be able to:

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, L.N., Adams, M. P, Brice, J. L. (2017). Core concepts in Pharmacology (5<sup>th</sup> ed). Upper Saddle River, NJ: Pearson
- B. Holland, L.N., Adams, M. P., Brice, J. L. (2017). Student Workbook and Resource Guide for Core Concepts in Pharmacology. (5<sup>th</sup> ed.). Upper Saddle River, NJ: Pearson
- C. Screencastify: <https://www.screencastify.com/> . (Add as an attachment to Chrome browser, Free installation).
- D. Confer Zoom <https://www.conferzoom.org/>
- E. Everywhere Poll <https://polleverywhere.com>
- F. Flip Grid Canvas <https://info.flipgrid.com/>
- G. Kahoot <https://kahoot.com/schools-u/>

### RECOMMENDED

- A. ATI Content Mastery Series ® Review Module: PN Pharmacology for Nursing Current Edition

## 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:** 2.0      **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.

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

**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.

**\*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.** During any discussion assigned work, students will prepare a 10-minute voice-over PowerPoint presentation using the Screencastify application on their assigned topic. The link to their item will be provided to the instructor for loading to Canvas.

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. WASC has adopted a similar requirement.

### **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, only students enrolled in the class may attend; children are not allowed.

## 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 Student Services

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 LMS.** Canvas is Imperial Valley College's main Learning Management System. To log onto Canvas, use this link: [Canvas Student Login](#). The [Canvas Student Guides Site](#) provides a variety of support available to students 24 hours per day. Additionally, a 24/7 Canvas Support Hotline is available for students to use: 877-893-9853.
- **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 counseling services are available for currently enrolled students. Services are provided in a confidential, supportive, and culturally sensitive environment. Please contact the IVC [Mental Health Counseling Services](#) at 760-355-6310 or in the building 1536 for appointments for more information.

### **Veteran's Center**

The mission of the [IVC Military and Veteran Success Center](#) is to provide a holistic approach to serving military/veteran students on three key areas: 1) Academics, 2) Health and Wellness, and 3) Camaraderie; to serve as a central hub that connects military/veteran students, as well as their families, to campus and community resources. Their goal is to ensure a seamless transition from military to civilian life. The Center is located in Building 600 (Office 624), telephone 760-355-6141.

### **Extended Opportunity Program and Services (EOPS)**

The Extended Opportunity Program and Services (EOPS) offers services such as priority registration, personal/academic counseling, tutoring, book vouchers, and community referrals to qualifying low-income students. EOPS is composed of a group of professionals ready to assist you with the resolution of both academic and personal issues. Our staff is set up to understand the problems of our culturally diverse population and strives to meet student needs that are as diverse as our student population.

Also under the umbrella of EOPS our CARE (Cooperative Agency Resources for Education) Program for single parents is specifically designed to provide support services and assist with the resolution of issues that are particular to this population. Students that are single parents receiving TANF/Cash Aid assistance may qualify for our CARE program, for additional information on CARE please contact Lourdes Mercado, 760-355- 6448, [lourdes.mercado@imperial.edu](mailto:lourdes.mercado@imperial.edu).

EOPS provides additional support and services that may identify with one of the following experiences:

- Current and former foster youth students that were in the foster care system at any point in their lives
- Students experiencing homelessness
- Formerly incarcerated students

To apply for EOPS and for additional information on EOPS services, please contact Alexis Ayala, 760-355-5713, [alexis.ayala@imperial.edu](mailto:alexis.ayala@imperial.edu).

### **Student Equity Program**

- The Student Equity Program strives to improve Imperial Valley College’s success outcomes, particularly for students who have been historically underrepresented and underserved. The college identifies strategies to monitor and address equity issues, making efforts to mitigate any disproportionate impact on student success and achievement. Our institutional data provides insight surrounding student populations who historically, are not fully represented. Student Equity addresses disparities and/or disproportionate impact in student success across disaggregated student equity groups including gender, ethnicity, disability status, financial need, Veterans, foster youth, homelessness, and formerly incarcerated students. The Student Equity Program provides direct supportive services to empower students experiencing insecurities related to food, housing, transportation, textbooks, and shower access. We recognize that students who struggle meeting their basic needs are also at an academic and economic disadvantage, creating barriers to academic success and wellness. We strive to remove barriers that affect IVC students’ access to education, degree and certificate completion, successful completion of developmental math and English courses, and the ability to transfer to a university. Contact: 760.355.5736 or 760.355.5733 Building 100.
- The Student Equity Program also houses IVC’s Homeless Liaison, who provides direct services, campus, and community referrals to students experiencing homelessness as defined by the McKinney-Vento Act. Contact: 760.355.5736 Building 100.

### **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](#) and [VN Handbook](#).

### **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 or Week	Activity, Assignment, and/or Topic	Assignment (s) Pages/ Due Dates/Tests
<b>Week 1</b> February 20	<b>Course Introduction and Syllabus Overview. Canvas, Learning Methods, ATI</b> <ol style="list-style-type: none"> <li>1. Introduction to Pharmacology: Drug Regulation and Approval</li> <li>2. Drug Classes, Schedules, and Categories</li> <li>3. Principles of Drug Administration</li> <li>4. What Happens After a Drug Has Been Administered</li> <li>5. The Nursing Process in Pharmacology</li> <li>6. Preventing Medication Errors</li> <li>7. The Role of Complementary and Alternative Therapies in Pharmacology</li> </ol>	Read Ch: 1-7 (pg. 1- 98).  Due Feb 20: Complete Homework Questions as posted in Canvas
<b>Week 2</b> February 27	<b>Possible Guest Speaker on CAM therapaies</b> <ol style="list-style-type: none"> <li>9. Drugs Affecting Functions of the Autonomic Nervous System</li> </ol>	Read Ch: 9 (pg. 100-119).  Due Feb 27: Complete Homework Questions as posted in Canvas
<b>Week 3</b> March 5	<b>QUIZ 1: CH 1-7, 9</b> <ol style="list-style-type: none"> <li>8. Substance Abuse</li> <li>10. Drugs for Anxiety and Insomnia</li> <li>11. Drugs for Emotional, Mood, and Behavioral Disorders</li> <li>12. Drugs for Psychoses</li> </ol>	Read Ch: 8, 10-12 (pg. 82-98, 120-177).  Due March 5: Complete Homework Questions as posted in Canvas
<b>Week 4</b> March 12	<b>(Discussant using Screencastify)</b> <ol style="list-style-type: none"> <li>13. Drugs for Degenerative Diseases and Muscles</li> <li>14. Drugs for Seizures</li> <li>15. Drugs for Pain Management</li> <li>16. Drugs for Anesthesia</li> </ol>	Read Ch: 13-16 (pg. 178-256). Due March 12: Complete Homework Questions as posted in Canvas
<b>Week 5</b> March 19	<b>QUIZ # 2: CH 8, 10-16</b> <ol style="list-style-type: none"> <li>17. Drugs for Lipid Disorders</li> <li>18. Diuretics and Drugs for Electrolyte and Acid-Base Disorders</li> <li>19. Drugs for Hypertension</li> <li>20. Drugs for Heart Failure</li> </ol>	Read Ch: 17-20 (pg.257-327).  Due March 19: Complete Homework Questions as posted in Canvas
<b>Week 6</b> March 26	<b>Healthcare Simulation Week (Demonstration)</b> <ol style="list-style-type: none"> <li>21. Drugs for Angina Pectoris, Myocardial Infarction, and Stroke</li> <li>22. Drugs for Shock and Anaphylaxis</li> </ol>	Read Ch: 21-24 (pg. 328-392).  Due March 26: Complete

Date or Week	Activity, Assignment, and/or Topic	Assignment (s) Pages/ Due Dates/Tests
	23. Drugs for Dysrhythmias 24. Drugs for Coagulation Disorders	Homework Questions as posted in Canvas
<b>Week 7</b> April 2	<b>QUIZ #3: CH 17-24 (Discussant using Screencastify)</b>  32. Drugs for Nutritional Disorders and Obesity 33. Drugs for Endocrine Disorders	Read Ch: 32-33 (pg535-568). Due April 2: Complete Homework Questions as posted in Canvas
<b>Week 8</b> April	<b>MID-TERM covering week 1-7 subject matter (Computer Lab)</b>	<b>MID-TERM</b>
<b>Week 9</b> April 13-1	<b>SPRING BREAK CAMPUS CLOSED APRIL 13-18</b>	
<b>Week 10</b> April 23	34. Drugs for Diabetes Mellitus 35. Drugs for Disorders and Conditions of the Reproductive System	Read Ch: 34-35 (pg. 569-602). Due April 23: Complete Homework Questions as posted in Canvas
<b>Week 11</b> April 30	<b>Possible Guest Speaker on Respiratory Disorders</b>  30. Drugs for Respiratory Disorders	Read Ch: 30 (pg. 490-513). Due April 30: Complete Homework Questions as posted in Canvas
<b>Week 12</b> May 7	<b>Possible Guest Speaker on GI Disorders</b>  31. Drugs for Gastrointestinal Disorders	Read Ch: 31 (513-534). Due May 7: Complete Homework Questions as posted in Canvas
<b>Week 13</b> May 14	25. Drugs for Inflammation and Fever 26. Drugs for Immune System Modulation 27. Drugs for bacterial Infections	Read Ch: 25-27 (pg. 393-445). Due May 14: Complete Homework Questions as posted in Canvas
<b>Week 14</b> May 21	<b>GROUP PRESENTATIONS</b>  28. Drugs for Fungal, Viral, and Parasitic Diseases	Read Ch: 27 (446-465). Due May 21: Complete Homework Questions as posted in Canvas
<b>Week 15</b> May 28	<b>GROUP PRESENTATIONS</b>  29. Drugs for Neoplasia	Read Ch: 28 (466-488). Due May 28: Complete Homework Questions as posted in Canvas
<b>Week 16</b> June 4	36. Drugs for Bone and Joint Disorders 37. Drugs for Skin Disorders 38. Drugs for Eye and Ear Disorders	Read Ch: 36-38 (pg. 603-652). Due June 4: Complete Homework Questions as posted in Canvas
<b>Week 17</b> June 11	<b>FINAL</b>	

**\*\*\*Tentative, subject to change without prior notice\*\*\***