

AHP 130- Calculation and Pharmacology for Pharmacy Technicians

Imperial Valley College
Nursing and Allied Department

Units: 3

Course Schedule: Wed 6:30- 9:40 p.m., Room 213

Instructor: Cynthia Ramirez

This course is designed to prepare students to understand calculations related to drug dosage, measurements of strength and preparation of safe medication administration. Emphasis is placed on unit-cancellation for solving pharmacy situation problems. Principles of Pharmacology are explored with emphasis on the classification, indication, interaction, and common side effects of major drug classes. (CSU)

Recommended Preparation: Beginning Algebra (MATH 080).

Book: Pharmacy Calculations, Third Edition ©2010, Mary F. Powers, Janet B. Wakelin

ISBN-13: 9780895828200

Student Learning Outcomes:

1. Students will perform dimensional analysis
2. Students will be able to solve proportion and ratio problems proficiently, as required in the pharmacy.
3. Students will be proficient in solving allegation problems.

Attendance Policy: Students are expected to attend all course sessions. Please be on time and ready to work at the start of class, as most quizzes will be given at the start of the class period. Students may miss up to three (3) class meetings without penalty. Once the student misses the 4th class meeting, it is up to the instructor's discretion whether the student will be dropped. Remember, it is the responsibility of the student to make sure he/ she is dropped by the administration office.

Grading Schedule: The following grading schedule will be used in this course.

90%- Above	=	A
80%- 89%	=	B
70%- 79%	=	C
60%- 69%	=	D
59%- Below	=	F

Assignment Schedule: Assignments will be given weekly and are due the following class meeting. All assignments will be collected at the beginning of class for full credit. All late assignments turned in will be graded at a reduced rate, approximately ½ of full credit. If you are absent for a class meeting, your assignments are immediately due the following class meeting along with any work scheduled to be turned in that day.

Areas of Grading: You will be graded on the following areas in this class: Homework, Quizzes, Tests, and Classroom Participation. The above scale refers to all assignments, as well as your total overall points for the class. There is no set amount of points for this class, as pop quizzes will be given.

Disabilities:

Any student with a documented disability who may need educational accommodations should notify the instructor and the Disabled Student Programs and Services (DSP&S) office as soon as possible.

Location: Room 2117, Health Sciences Building 760- 355-6312