

PHARMACY TECHNOLOGY

The Pharmacy Technology Program is designed to prepare students for entry-level employment as a pharmacy technician, providing medications and other healthcare products to patients and consumers. Under the supervision of a Pharmacist, students learn to fill prescriptions, establish and maintain patient profiles, prepare insurance claim forms, take inventory, and stock medications. A background check may be required for clinical experience. The California Board of Pharmacy may deny the Pharmacy Technician license based on convictions substantially related to Pharmacy Technician practice.

Sequence of courses for the Pharmacy Technology Program

Code	Title	Units
1st Semester		
PHT 064	Pharmacy Calculations	3
PHT 060	Pharmacy System I	3
PHT 062	Pharmacology I	3
2nd Semester		
PHT 070	Pharmacy Systems II	3
PHT 071	Pharmacology II	3
PHT 072	Pharmacy Clinical Experience	5
PHT 074	Pharmacy Seminar	2

Contact Information

Department: Health and Life Sciences (HLS - 101)

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- Pharmacy Technology Associate of Science Degree
- Pharmacy Technology Certificate of Achievement

PHT 060 3 Units

Pharmacy System I

Lecture: 36 contact hours

Lab: 54 contact hours

This class introduces the student to the field of pharmacy, its history, environment, and processes. It emphasizes out-patient/community service pharmacy settings in issues of prescription processing, pharmacy business management, federal laws/regulation, protocol procedures, and pharmacy references/associations for assistance.

Associate Degree Applicable

PHT 062 3 Units

Pharmacology I

Lecture: 36 contact hours

Lab: 54 contact hours

Advisory: BIOL 205 or CHEM 101

This course introduces the basic pharmacology principles of pharmacokinetics and pharmacodynamics as it applies the therapeutic uses of medications being administered to the human body systems. The student will identify the medication's classifications, emphasizing basic indications, drug dosages, dosage forms, routes of administration, side effects, special directions of use, and drug interactions with other medications, foods, and/or nutrient supplements.

Associate Degree Applicable

PHT 064 3 Units

Pharmacy Calculations

Lecture: 54 contact hours

In this course students apply mathematical skills to the calculation of medication dosages, intravenous solutions, and pharmacy operations.

Associate Degree Applicable

PHT 070 3 Units

Pharmacy Systems II

Lecture: 36 contact hours

Lab: 54 contact hours

Prerequisite: PHT 060 and PHT 062 and PHT 064

This course covers the application of advanced preparation, distribution and methods for dispensing medications within a institutional pharmacy setting. It emphasizes advanced concepts of medication order processing, non-sterile compounding, sterile compounding, pharmacy business management, data management, pharmacy safety, and pharmacy error prevention under the supervision of a pharmacist.

Associate Degree Applicable

PHT 071 3 Units

Pharmacology II

Lecture: 36 contact hours

Lab: 54 contact hours

Prerequisite: PHT 062

This course continues to apply the therapeutic uses of administered medications into the human anatomy and physiology by a drug's pharmacokinetics and pharmacodynamics. Emphasis is placed on but not limited to a medication's brand/generic name, mechanisms of action, dosage forms, routes of administration, directions of use, standard dosage schedules, indications, basic side effects, adverse effects, contraindications, precautions, drug interactions, and any special black box warnings. Added topics to the course includes medication adjustments for special populations and use of common antidotes for medications.

Associate Degree Applicable

PHT 072 5 Units

Pharmacy Clinical Experience

Lab: 270 contact hours

Prerequisite: PHT 060 and PHT 062 and PHT 064

Corequisite: PHT 074

In this course, students study the application of prescription processing, inventory management and dispensing of medications in a pharmacy under the direct supervision of a pharmacist. It emphasizes use of a pharmacy database, customer service, communication and professional ethics. Students will complete a minimum of 240 experiential hours in a minimum of one site locations.

Associate Degree Applicable

PHT 074 2 Units

Pharmacy Seminar

Lecture: 36 contact hours

Prerequisite: PHT 060 and PHT 062 and PHT 064

Corequisite: PHT 072

This course reviews the duties of a pharmacy technician in the out-patient/community and the in-patient/institutional setting in the areas of pharmacy management/administration, pharmacy federal laws/regulation, and pharmacology.

Associate Degree Applicable

PHT 601 Noncredit

Pharmacy Technician Licensure Exam Preparation

Lecture: 18 contact hours

This noncredit course prepares students that have completed or are nearing completion of the Pharmacy Technology program for the state administered licensing examination for pharmacy technicians. This course is also recommended for students who desire refresher training. Topics include, but are not limited to: the duties of a pharmacy technician in the out-patient/community and the in-patient/institutional setting in the areas of pharmacy management/administration, pharmacy federal laws/regulation, and pharmacology. Also included are some basic test-taking techniques to increase proficiency on the state exam.