PHARMACY TECHNOLOGY (PHT) COURSES

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.