

PHARMACY TECHNICIAN (PTN)

PTN 1017 Pharmacy Calculations

Credit Hours: 3

This course covers drug dose calculations, various systems of measurements, and conversions between and within each system. Conversions will include the measurement of time with conversions between 24-hour military and standard time. Measurements will include temperature, capacity, weight/volume, and ratio, proportion, and percentage.

PTN 1104 Pharmacy Law and Ethics

Credit Hours: 2

In this course, students will review federal and state laws, rules, and regulations regarding pharmacy technicians, pharmacy students, pharmacists, and other pharmacy employees. Special attention is given to the Controlled Substance Act and the resultant activities of the Food and Drug Administration (FDA) and the Drug Enforcement Administration (DEA). Upon successful completion of this course, students will be Occupational Safety and Health Act (OSHA) and Health Insurance Portability and Accountability Act (HIPAA) certified.

PTN 1121 Therapeutic Agents 1

Credit Hours: 3

This course is an introduction to pharmacology, covering biological factors affecting the action of drugs, and the various medications prescribed for treatment of selected illnesses and diseases. This course examines sources, classifications, strengths, indications, dosages, side effects, and precautions of medications. Emphasis will be placed on medication effects on the nervous system and respiratory system, local anesthetics, anti-epileptics, antiparkinsonian agents, narcotics, analgesics, and antibiotics.

PTN 1122 Therapeutic Agents 2

Credit Hours: 3

Prerequisites: PTN 1121 with a grade of "C" or higher

This course is a continuation of PTN 1121 and covers biological factors affecting the action of drugs and the various medications prescribed for treatment of selected illnesses and diseases. This course examines sources, classifications, strength, indications, dosage, side effects, and precautions of medications. Emphasis will be placed on medications' effects on the renal, cardiovascular, and gastrointestinal systems; and topical, ophthalmic, and otic agents.

PTN 1132 Basic Business Skills for the Pharmacy Technician

Credit Hours: 2

This course is an introduction to the professional skills critical to efficient operation of the pharmacy. Topics covered include customer service, protecting patients' health information, ethics, third-party payers, medication and inventory control, business math applications, and managing workflow. Emphasis is placed on communication, professionalism, and pharmacy business math.

PTN 1930 Pharmacy Seminar

Credit Hours: 2

Lab Fee: Yes

This course is designed to help students improve their soft skills through group projects, research, lecturing, clinical site visits, and guest lecturers. Students will be introduced to various pharmacy-related organizations and will take the certification practice exam.

PTN 1941 Pharmacy Practicum

Credit Hours: 4

Prerequisites: This course must be taken in the last semester of the program

Lab Fee: Yes

This course is designed to help students improve their soft skills through group projects, research, lecturing, clinical site visits, and guest lecturers. Students will be introduced to various pharmacy-related organizations and will take the certification practice exam.