

PHARMACY TECHNICIAN (PHRA)

PHRA 1143

Pharmacy Technician Certification Review

CRT HRS:1 LEC HRS:1 LAB HRS:0 OTH HRS:0

This course is a review of major topics covered on the national Pharmacy Technician Certification Examination (PTCE).

Prerequisites: Completion of PHRA 1441, 1445, 1471 with a grade of "C" or better.

PHRA 1166

Practicum II: Advanced Level Practice

CRT HRS:1 LEC HRS:0 LAB HRS:0 OTH HRS:10

This source provides practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student.

Prerequisites: Completion of PHRA 1441, 1445, 1471 with a grade of "C" or better and permission from the department.

PHRA 1201

Introduction to Pharmacy

CRT HRS:2 LEC HRS:2 LAB HRS:0 OTH HRS:0

This course is an overview of the qualifications, operational guidelines, and job duties of a pharmacy technician. Topics include definitions of a pharmacy environment, the profile of a pharmacy technician, legal and ethical guidelines, job skills and duties, verbal and written communication skills, professional resources, safety techniques, and supply and inventory techniques.

Prerequisite: None.

PHRA 1202

Pharmacy Law

CRT HRS:2 LEC HRS:2 LAB HRS:0 OTH HRS:0

This course is a survey of federal and state laws governing the practice of pharmacy. The legal and ethical constraints governing pharmacy technicians and pharmacists' responsibilities in practice settings will be described.

Prerequisite: Admission to the Pharmacy Technology Program.

PHRA 1209

Pharmaceutical Mathematics I

CRT HRS:2 LEC HRS:2 LAB HRS:1 OTH HRS:0

This course covers solving pharmaceutical calculation problems encountered in the preparation and distribution of drugs.

Prerequisite: None.

PHRA 1215

Pharmacy Terminology

CRT HRS:2 LEC HRS:2 LAB HRS:0 OTH HRS:0

This course is a study of word origins and structure through the introduction of prefixes, suffixes, and root words as it relates to a pharmaceutical setting. Focuses on translation and recognition of commonly used pharmacy abbreviations.

Prerequisites: Admission to the Pharmacy Technology Program.

PHRA 1265

Practicum I: Entry Level Practice

CRT HRS:2 LEC HRS:0 LAB HRS:0 OTH HRS:20

This course provides practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student.

Prerequisite: Completion of PHRA 1347, 1304, 1413, 1449 with a grade of "C" or better and permission from the department.

PHRA 1304

Pharmacotherapy and Disease Process

CRT HRS:3 LEC HRS:3 LAB HRS:0 OTH HRS:0

This course is a study of the disease state and therapeutic properties of drugs used in pharmaceutical therapy.

Prerequisites: Completion of PHRA 1201, 1202, 1209, 1215, 1305, 1306 with a grade of "C" or better.

PHRA 1305

Drug Classification

CRT HRS:3 LEC HRS:3 LAB HRS:0 OTH HRS:0

This course is an introduction to the study of disease processes, pharmaceutical drugs, abbreviations, classifications, dosages, actions in the body, and routes of administration.

Prerequisite: Admission to the Pharmacy Technology Program.

PHRA 1306

Computerized Drug Delivery Systems

CRT HRS:3 LEC HRS:2 LAB HRS:4 OTH HRS:0

This course covers the fundamentals of pharmacy computer information systems and technology within the health care system. Includes specialized skills in the production of pharmaceutical documentation using selected pharmacy software packages and an overview of equipment and devices for drug distribution, and preparation.

Prerequisites: Admission to the Pharmacy Technology Program.

PHRA 1347

Pharmaceutical Mathematics II

CRT HRS:3 LEC HRS:2 LAB HRS:2 OTH HRS:0

This course will cover solving basic math problems and demonstrating conversion between various systems of measurement; perform advanced dosage calculations including alligations, body surface area, formula enlargement/reduction, and IV flow rate calculations.

Prerequisite: Completion of PHRA 1201, 1202, 1209, 1215, 1305, 1306 with a grade of "C" or better.

PHRA 1413

Community Pharmacy Practice

CRT HRS:4 LEC HRS:2 LAB HRS:4 OTH HRS:0

This course is an introduction to the skills necessary to process, prepare, label, and maintain records of physicians' medication orders and prescriptions in a community pharmacy. It is designed to train individuals in supply, inventory, and data entry. Topics include customer service, count and pour techniques, prescription calculations, drug selection and preparation, over-the-counter drugs, inventory management, record keeping, stock level adjustment, data input, editing, and legal parameters.

Prerequisite: Completion of PHRA 1201, 1202, 1209, 1215, 1305, 1306 with a grade of "C" or better.

PHRA 1441

Pharmacy Drug Therapy and Treatment

CRT HRS:4 LEC HRS:4 LAB HRS:0 OTH HRS:0

This is a study of therapeutic agents, their classifications, properties, actions, and effects on the human body and their role in the management of disease. It provides detailed information regarding drug dosages, side effects, interactions, toxicities, and incompatibilities.

Prerequisite: Completion of PHRA 1265 with a grade of "P".

PHRA 1445

Compounding Sterile Preparations

CRT HRS:4 LEC HRS:2 LAB HRS:6 OTH HRS:0

This course covers the process of compounding sterile preparations and aseptic technique within legal and regulatory guidelines specified by USP <797> standards.

Prerequisites: Completion of PHRA 1265 with a grade of "P".

PHRA 1449**Institutional Pharmacy Practice**

CRT HRS:4 LEC HRS:2 LAB HRS:6 OTH HRS:0

This is an exploration of the fundamentals of the diverse roles and practice of pharmacy technicians in an institutional pharmacy with emphasis on daily pharmacy operation. Topics include in-depth coverage of hospital pharmacy organization, workflow and personnel, medical and pharmaceutical terminology, safety techniques, data entry, packaging and labeling operations, pharmaceutical compounding, inpatient drug distribution system, unit dose chart fills, continuous quality assurance, drug storage, and inventory control.

Prerequisite: Completion of PHRA 1201, 1202, 1209, 1215, 1305, 1306 with a grade of "C" or better.

PHRA 1471**Advanced Pharmacy Technology Practice**

CRT HRS:4 LEC HRS:3 LAB HRS:2 OTH HRS:0

This course addresses the development of supervisory skills, non-sterile compounding techniques, purchase and management of inventories, process and administration of immunizations, performance of point-to-care testing, regulatory compliance and contractual management skills.

Prerequisite: Completion of PHRA 1265 with a grade of "P".