

COURSE DESCRIPTIONS

CSK 100 Study Skills

Provides an opportunity to learn and adopt methods to promote success in school, work, and life. Topics to be covered include time management, reading skills, memory techniques, goal setting, and stress management.

Prerequisites: None

CAT 150 Anatomy, Physiology, and Terminology

The focus of the course is developing a basic framework for the language of medicine through an understanding of anatomy and physiology, including discussion of the pathology, procedures, and medications involved in treatment. Medical terms are learned within the context of the structures and functions of the body systems (integumentary, musculoskeletal, nervous, endocrine, lymphatic, immune, cardiovascular, respiratory, digestive, urinary, reproductive) and the senses.

Prerequisites: None

CCB 100 Computer Basics

Through demonstration and hands-on experience, students will gain a general understanding of computers. Hardware, software, Microsoft products, and Internet use are explained.

Prerequisites: None

CMF 95 Math Fundamentals

The course reviews basic mathematical skills including whole numbers, fractions, decimals, proportions, ratios, percentages, combined applications, and measurement systems. It provides students with a solid foundation for higher math concepts.

Prerequisites: None

CHS 100 CPR & First Aid

Students will learn how to administer first aid in nonlife-threatening emergencies such as seizures, fainting, and minor wounds. Procedures for activating the emergency medical system and providing CPR are also covered.

Prerequisites: None

PHA 115 Pharmacy Math

This course emphasizes mathematical concepts for pharmaceutical and business-math calculations. Students apply their knowledge to learn and practice the types of calculations required of pharmacy technicians in the pharmacy setting.

Prerequisites: None

PHA 120 Inventory Maintenance

This course emphasizes procedures and systems for inventory management of medications, equipment, supplies, and devices in the pharmacy setting. Students participate in hands-on activities to learn and practice standard procedures and documentation requirements for purchasing, receiving, and monitoring inventory along with proper identification, storage, and disposal of medications.

Prerequisites: None

PHA 200 Pharmacology

This course examines the anatomy, physiology, pathology, and pharmacology of the muscular, skeletal, and nervous systems. Content addresses the therapeutic effects of prescription and nonprescription medications as well as alternative therapies associated with these systems. Topics include drug interactions, dosages, indications, contraindications, and routes of administration.

Prerequisites: None

PHA 102 Pharmacy Law & Ethics

This course provides an overview of legal requirements and ethical considerations pertinent to pharmacy technicians. Topics include federal and state statutes that regulate the pharmacy industry, agencies responsible for regulatory enforcement, and codes of ethics for pharmacy professionals.

Prerequisites: None

PHA 125 Pharmacy Math

This course emphasizes mathematical concepts for pharmaceutical calculations used in reconstitutions, dilutions, and concentrations. Students apply their knowledge to learn and practice the types of calculations required of pharmacy technicians in the pharmacy setting.

Prerequisites: None

PHA 108 Pharmacy Technician Duties

This course introduces students to the tasks and responsibilities of pharmacy technicians as well as expectations for professionalism in the work environment. Topics include types of pharmacy practice settings, health care team interactions, time and stress management, prescription-related matters, insurance claims, and recordkeeping practices. Students participate in hands-on activities to learn and practice various skills expected of pharmacy technicians.

Prerequisites: None

COURSE DESCRIPTIONS

PHA 210 Pharmacology

This course examines the anatomy, physiology, pathology, and pharmacology of the gastrointestinal, respiratory, and cardiovascular systems. Content addresses the therapeutic effects of prescription and nonprescription medications as well as alternative therapies associated with these systems. Topics include drug interactions, dosages, indications, contraindications, and routes of administration as well as hematological agents used to treat blood disorders and diseases.

Prerequisites: None

PHA 135 Pharmacy Math

This course reviews mathematical concepts for pharmaceutical and intravenous (IV) calculations. Students apply their knowledge to learn and practice the types of calculations required of pharmacy technicians in the pharmacy setting.

Prerequisites: None

PHA 140 Principles of Customer Service

This course introduces students to customer service practices expected of pharmacy technicians. Topics include how to convey a professional image in the work place, communication modes and strategies for various customer and health care team interactions, listening and speaking techniques, and cultural competency awareness. Students participate in activities designed to develop and enhance effective customer service skills.

Prerequisites: None

PHA 220 Pharmacology

This course examines the anatomy, physiology, pathology, and pharmacology of the urinary, endocrine, lymphatic, and reproductive systems. Content addresses the therapeutic effects of prescription and nonprescription medications as well as alternative therapies associated with these systems. Topics include drug interactions, dosages, indications, contraindications, and routes of administration.

Prerequisites: None

PHA 225 Pharmacy Laboratory Skills

This course provides students with hands-on opportunities to develop and practice pharmacy technician skills in a simulated pharmacy environment. Topics range from sterile/nonsterile compounding procedures to preparing and dispensing various forms of medications according to industry standards. Special emphasis is placed on infection control, strategies to prevent medication errors, and quality assurance in the pharmacy setting.

Prerequisites: None

PHA 145 Pharmacy Math

This course emphasizes mathematical concepts for pharmaceutical calculations involving body weight and mass. Students apply their knowledge to learn and practice the types of calculations required of pharmacy technicians in the pharmacy setting.

Prerequisites: None

PHA 160 Pharmacy Computer Applications

This course explores the role of technology and computer-based medical information systems in the pharmacy environment. Topics include collection, entry, storage, retrieval, and transmission of customer, physician, and drug-related data. Students participate in hands-on activities to develop skills in navigating a pharmacy information system.

Prerequisites: None

PHA 230 Pharmacology

This course examines the anatomy, physiology, pathology, and pharmacology of the integumentary system and the eyes, ears, nose, and throat. Content addresses the therapeutic effects of prescription and nonprescription medications, including antineoplastic/oncology agents and anti-infective medications, as well as alternative therapies associated with these body structures. Topics include drug interactions, dosages, indications, contraindications, and routes of administration.

Prerequisites: None

PHA 240 Fundamentals of Chemistry

This course introduces basic chemistry concepts relevant to the human body and to the range of effects of medications within the body. Topics include drug absorption, distribution, metabolism, and excretion along with the chemical processes that drive these various interactions.

Prerequisites: None

PHA 275 Externship

This course provides students with opportunities to apply professional skills learned in the classroom.

Prerequisites: Career Prep and Professional Sequences I, II, III, and IV. In the State of Washington students must be registered Pharmacy Assistants to be eligible to participate in externship

PHA 250 Externship (Las Vegas Campus Only)

This course provides students with opportunities to apply professional skills learned in the classroom.

Prerequisites: Career Prep and Professional Sequences I, II, III, and IV