PHARMACY PROGRAM Core Course Description

AHP100 – Introduction to Health Profession 80.0 Clock Hours

This course is designed to provide the student with an overall understanding of health as a profession. Included in this course is an overview of career planning and preparation that will prepare the student to become a successful part of the working force. This module will also include strategies for student success that will prepare the student to better assimilate the material that will be given during the rest of the program. As part as a core part of this course students will be introduce to basic medical terminology that will help understand future material such as pharmacology and anatomy. In-services given on this course will include: OSHA, HIPAA and CPR training. Out-of-class activities will be assigned and assessed as part of this module.

Lecture Hours: 40.0 Lab Hours: 40.0

PHT100 –Principles of Pharmacy Practice I 80.0 Clock Hours

This course is designed to introduce the student to the professional aspects of working in pharmacy technology on a retail setting including: major chain and independent pharmacies. Subjects includes: ethics, history and current pharmacy laws as well as exposing the student with aspect of patient care, medication order and fill process and being able to obtain information required to interpret and type the prescription label, with the use of a pharmacy software (Avoca) on a retail setting. Out-of-class activities will be assigned and assessed as part of this module.

Lecture Hours: 40.0 Lab Hours: 40.0

PHT110 – Principles of Pharmacy Practice II 80.0 Clock Hours

This course is designed to prepare the student with the professional aspects of working in pharmacy technology on an institutional setting including Hospital, Home health and Long term care facilities. Subjects will include Medication order and fill process on an institutional setting, medicalization safety, and medication errors. In-services included on this course: HIV/AIDS

Lecture Hours: 40.0 Lab Hours: 40.0

AHP110 – Anatomy and Physiology of the Human Body 80.0 Clock Hours

This course covers the anatomy and Physiology of the human body and it is designed to allow the student to obtain the basic understanding of the structures and functions of the various organ system and how they correlate to the effects of the medication on the body, also including common diseases with an emphasis on pathophysiology that will be fully explore on the pharmacology classes. Out-of-class activities will be assigned and assessed as part of this class.

Lecture Hours: 40.0 Lab Hours: 40.0

PHT115 –Math Calculation for Pharmacy Technicians 80.0 Clock Hours

This course is designed to help the student a solid understanding of pharmacy calculation and business math with an emphasis on pharmacy billing and Reimbursement. Subjects included on this course: Roman Numbers, conversions between metric and house hold system, Dose dosification included on retail and institutional pharmacies, Pediatrics dosification, IV flowrate, and extemporaneous compounding calculations. Out-of-class activities will be assigned and assessed as part of this class.

Lecture Hours: 40.0 Lab Hours: 40.0

PHT120 – Pharmacology 80.0 Clock Hours

In this course will introduce the student to the realm of pharmacology and pharmacokinetics, beginning with definition and medical terminology needed to further understand the subject of pharmacology and mechanism of action of all major drug classification that will be divided by body system disorders. Subjects included on this course will include: Drug abuse and misuse, Antibiotics and Anti-invectives, integumentary, Urinary and Reproductive system aliments. Out-of-class activities will be assigned and assessed as part of this class.

Lecture Hours: 40.0 Lab Hours: 40.0

PHT130 - Pharmacology II 80.0 Clock Hours

This course is designed as a continuation of Pharmacology I, but new student will be able to enter as well, as there will be a review part of pharmacy and medical terminology that will allow the student to better assimilate the material of the course. Subjects included on this course, will be mainly focus on classification of drugs used for the following body systems: Cardiovascular, Muscle-Skeletal, Respiratory, Nervous, Endocrine/Lymphatic and Gastro Intestinal Systems. Out-of-class activities will be assigned and assessed as part of this module.

Lecture Hours: 40.0 Lab Hours: 40.0

PHT135 – Aseptic and Extemporaneous Compounding 80.0 Clock Hours

This course will explore and prepare the student to be able to adequate perform aseptic and extemporaneous compounding process. During the sterile compounding part of the course the student will be expected to performed the right aseptic technique under the laminar air flow hood, fully understand USP-797 guide lines, handling and disposal of waste products, documentation preparation such as Batch preparation, compound record and be able to determine product stability (Beyond date use). During the extemporaneous compounding part of the course the student will be expected to perfume the right extemporaneous compounding process and fully understand USP-795 guidelines, Determine product stability (beyond date use) and to keep track of proper documentation such as formula sheets and compounding logs. Out-of-class activities will be assigned and assessed as part of this module.

Lecture Hours: 40.0 Lab Hours: 40.0

PHT140: PTCB Certification Preparation 80.0 Clock Hours

This course is design to prepare the student to take and assure a better passing rate of the Pharmacy Technician Certification Board (PTCB) exam which is the most recognize certification among employers. The course outline will follow the official PTCB blue print to ensure that every major topic will be covered and discussed during the total length of the course. Official PTCB blue print will be attached with this description. . Out-of-class activities will be assigned and assessed as part of this module.

Lecture Hours: 40.0 Lab Hours: 40.0

PHT150 – Pharmacy Clinical Externship 200.0 Clock Hours

This 200-hour module is designed to provide the student with supervised, practical hands-on and observational experiences in the working pharmacy. Students will be expected to gain experiences in either a hospital pharmacy or a community (retail) pharmacy. Students will gain exposure to “on-the-job” experiences and training in the pharmacy setting and practice of skills, gaining experiences in all aspects of drug preparation, and distribution utilized by participating sites.

Lecture Hours: 0.0 Lab Hours: 0.0 Other Hours: 200.0. Prerequisite: Completion of Didactic Program.