

CLPS-425: IT 1 - Foundations of IT

Module Content: Assessment of Therapy and Pharmaceutical Care, Interpretation of Clinical Laboratory Tests, Herbs and Nutritional Supplements, Anaphylaxis and Drug Allergies, Managing Acute Drug Toxicity & Clinical Toxicology, Delivering Culturally Competent Care, Acid-Base Disorders, Fluid and Electrolyte Disorders, Drug Interactions, Pharmacogenetics, Geriatrics, Obesity, and Pediatrics. The course will be taught by the clinical faculty to provide instruction utilizing both didactic and practical experience sessions. The course is organized by organ systems of the human body and various diseases associated with them. Students will learn about the pathophysiology and pharmacotherapy of various disease states that health care practitioners (pharmacists) may encounter in their practice settings. Students will learn to make appropriate therapy choices, define goals of therapy, and learn to assess whether these goals are being achieved. Students will learn to create, implement and monitor pharmaceutical care plans. A goal of this course is to prepare students with the ability to render pharmaceutical care and participate successfully for the experiential program. The course is structured in a modular format and complemented with Integrated Therapeutics Laboratory. In order for students to achieve the course goals and objectives, a variety of teaching methods will be applied. Students will participate in traditional lectures, small group discussions, and practical laboratories to reinforce didactic teachings and other learning accesses.

Credits: 3

Prerequisites:

All courses prior to IT1

Program: Clinical & Pharmacy Science