

# PT201: Pharmacology

**Credit Hours:** 8

**Clock Hours:** 120/0/0

Provides an introduction to general pharmacokinetic and pharmacodynamics principles and describes the basic principles of drug distribution and metabolism. Students are introduced to drug classifications. This course provides a working knowledge of the general therapeutic classes of medications and interactions with the human body. It details the anatomy and physiology of various body systems, such as the integumentary gastrointestinal, musculoskeletal, respiratory, cardio, circulatory, lymph, immune, renal, endocrine, reproductive, and the nervous systems. It focuses on hormones, topicals, muscle relaxants, and NSAIDs. There is a further look into antineoplastics, immunizing, and immunosuppressive agents. The final portion focuses on medications common to geriatric patients, home health-care, and drug and alcohol abuse.

**Prerequisites:**

PT101, PT102