

## Academic Preparation for PTA Clinical Education

### **PHT 1000 Introduction to Physical Therapy**

This course introduces students to the physical therapy profession with emphasis on the role and responsibilities of the physical therapist assistant in patient/client management. Principles of professionalism, ethical conduct, medical terminology, cultural diversity and communication skills are introduced specific to the physical therapy profession.

### **PHT 1020 Principles of Practice I**

This course provides the students with a foundation in patient interaction skills including written and oral communication skills as it applies to patient care. Transfers, assistive devices, gait training and vital signs are presented in addition to basic patient handling techniques, documentation and the role of the PTA in healthcare.

### **PHT 1020L Principles of Practice I Lab**

In this course the students practice patient skills including transfers, assistive devices, gait training and vital signs as presented in PHT 1020.

### **PHT 1080 Principles of Practice II**

This course examines the role of the physical therapist assistant in the health care delivery system. Specifically, this course introduces the acute care setting, integumentary assessment, and wound care management. Additionally, the concepts of pathology, PT interventions, and data collection for application to pediatric populations are addressed.

### **PHT 1080L Principles of Practice II Lab**

In this course students practice the acute care setting interventions, integumentary assessment, wound care management, and pediatric population as presented in PHT 1080.

### **PHT 1121 Functional Anatomy and Kinesiology**

This course is an introduction to the application of anatomy for human movement, providing a foundation that is designed to provide the student with biomechanics, manual muscle testing, muscle length testing, and goniometry. Origins, insertions, nerve innervation, and actions of muscles are presented. Aspects of normal functional gait and posture as it relates to function are discussed.

### **PHT 1121L Functional Anatomy and Kinesiology Lab**

In this course students practice patient skills including palpation, goniometry, muscle testing, muscle length testing, gait analysis, and posture assessment as presented in PHT 1121.

**PHT 1132L Musculoskeletal Physical Therapy Lab**

In this course students practice interventions including joint mobilization and exercise for the orthopedic patient as presented in PHT 1132.

**PHT 1213 Foundations of Therapeutic Exercise**

Basic concepts of mobility and exercise for prevention and restoration of function are presented. Principles of strength and endurance training, flexibility, balance and aquatics are explored. This course provides the student with a foundation in therapeutic exercises.

**PHT 1213L Foundations of Therapeutic Exercise Lab**

In this course students practice the application and techniques of the principles of therapeutic exercise including principles of strength and endurance training, flexibility, balance and aquatic as presented in PHT 1213.

**PHT 2210 Principles of Practice III**

Principles and practical application of thermal, mechanical, electromagnetic, and other energies in physical therapy are presented. This course provides competency in the use of therapeutic modalities.

**PHT 2210L Principles of Practice III Lab**

In this course students practice interventions including the application of thermal, mechanical, electromagnetic, and other energies in physical therapy as presented in PHT 2210

**PHT 2255 Neuromuscular Physical Therapy**

This course provides the students with foundations and interventions for patients with neuromuscular disorders. Therapeutic exercise as it applies to the neurological patient is discussed.

**PHT 2255L Neuromuscular Physical Therapy Lab**

In this course students will practice interventions for patients with neuromuscular disorders pertaining to activities of daily living, functional activities and therapeutic exercise as presented in PHT 2255.

**PHT 2289 Cardiopulmonary and Systemic Physical Therapy**

This course covers pathologies and interventions for the cardiopulmonary, lymphatic and circulatory systems. Prosthetics and limb management, and exercise as it relates to these pathologies is discussed.

**PHT 2289 Cardiopulmonary and Systemic Physical Therapy Lab**

In this course students practice interventions for the patient with cardiopulmonary, lymphatic and other systemic diseases as presented in PHT 2289