

Physical Therapist Assistant (PTAS)

PTAS 1200 Introduction to Physical Therapist Assisting

2 Credits

Prerequisite: admission to Physical Therapist Assistant program, BIOL 2210, HLTH 1215.

This course introduces students to the study of physical therapy and the role of the physical therapist assistant. It emphasizes the history of physical therapy in the United States and explores the expected behaviors of the Physical Therapist Assistant (PTA). (2 contact hours)

PTAS 1210 Functional Anatomy and Kinesiology for the PTA

4 Credits

Prerequisite: admission to Physical Therapist Assistant program, BIOL 2210, HLTH 1215.

This course includes the application of neuromuscular and musculoskeletal anatomy and physiology to the practice of physical therapy. Students will be introduced to manual muscle testing, range of motion measurements, and special tests of the spine and extremities used in physical therapy practice. (8 contact hours: 2 lecture, 6 lab)

PTAS 1220 PTA Interventions I

4 Credits

Prerequisite: admission to Physical Therapist Assistant program, BIOL 2210, HLTH 1215.

This course introduces students to concepts of functional mobility universal to all settings of physical therapy practice. Emphasis is placed on basic patient care skills, treatment, procedures and interventions utilized in physical therapy including informed consent, infection control, vital signs, patient measurements, documentation, body mechanics, and assistive devices for mobility for safe practice. (8 contact hours: 2 lecture, 6 lab)

PTAS 1300 PTA Interventions II

4 Credits

Prerequisite: PTAS 1200, PTAS 1210, PTAS 1220.

This course continues the study of the principles and procedures of therapeutic physical therapy intervention. Emphasis is on physical therapy interventions and procedures including exercise to develop strength, endurance, flexibility, range of motion, balance, and coordination based on patient status and tolerance. (8 contact hours: 2 lecture, 6 lab)

PTAS 2110 PTA Interventions III

3 Credits

Prerequisite: PTAS 1300.

This course introduces students to therapeutic modalities that are used in pain management, edema management, and neuromuscular reeducation. Therapeutic modalities include ultrasound, electrical stimulation, traction, light/laser, compression, cryotherapy, and superficial and deep thermal therapy. (5 contact hours: 2 lecture, 3 lab)

PTAS 2120 Pediatric and Geriatric Physical Therapy

3 Credits

Prerequisite: PTAS 1300.

This course explores the aspects of providing physical therapy to pediatric and geriatric populations. Normal development and milestones will be explored. Considerations for these populations, including psychosocial and physiological changes, will be examined. Interventions for the neuromuscular system will be explored. (3 contact hours)

PTAS 2130 Rehabilitation

3 Credits

Prerequisite: PTAS 1300.

This course provides instruction regarding the rehabilitation techniques, procedures, clinical decision-making that physical therapists use in treating patients with cardiopulmonary, musculoskeletal, neuromuscular, immunological integumentary, metabolic, gastrointestinal, and genitourinary conditions; along with patient safety, documentation and instructions for discharge, post-treatment and care. (7 contact hours: 1 lecture, 6 lab)

PTAS 2140 Clinical Education I

2 Credits

Prerequisite: PTAS 1300, satisfactory progression in PTAS 2110, PTAS 2120, PTAS 2130.

This course builds on the content presented in the previous physical therapist assisting courses. Students are expected to assist in the provision of physical therapy services under the direction of a clinical instructor, who is either a licensed physical therapist or a licensed physical therapist assistant. Students will apply knowledge and skills in a variety of clinical settings. (7 contact hours: 1 lecture, 6 clinical)

PTAS 2200 PTA Seminar**2 Credits**

Prerequisite: PTAS 2110, PTAS 2120, PTAS 2130, PTAS 2140.

This course explores the state and professional guidelines that govern the provision of physical therapy. The Ohio state practice act will be reviewed. Contemporary issues in physical therapy such as technology, employment, fiscal, and governmental issues will be explored. Students begin the review process for the National Physical Therapy Exam.

(2 contact hours)

PTAS 2210 Clinical Education II**2 Credits**

Prerequisite: PTAS 2110, PTAS 2120, PTAS 2130, PTAS 2140.

This course builds on the content presented in the previous physical therapist assisting didactic and clinical education courses. Students are expected to provide physical therapy services under the direction of a clinical instructor, who is either a licensed physical therapist or a licensed physical therapist assistant. Students will apply knowledge and skills in a variety of clinical settings.

(12 contact hours: 12 clinical)

PTAS 2220 Clinical Education III**3 Credits**

Prerequisite: PTAS 2110, PTAS 2120, PTAS 2130, PTAS 2140.

This course builds on the content presented in the previous physical therapist assisting didactic and clinical education courses. Students are expected to provide physical therapy services under the direction of a clinical instructor, who is either a licensed physical therapist or a licensed physical therapist assistant. Students will apply knowledge and skills in a variety of clinical settings. Students are expected to achieve entry-level clinical competence by the conclusion of the course.

(18 contact hours: 18 clinical)