

# COURSES

## PHYSICAL THERAPIST ASSISTANT (PTA)

### PTHA 1260 PTA CLINICAL I

(8 External) (2 Cr.) This course is a health-related work-based learning experience that enables the student to apply specialized physical therapy theory, skills, and concepts in various settings. Direct supervision is provided by the clinical professional. The clinical experience is designed to reinforce topics and experiences that occurred during lectures and labs. Prerequisites: PTHA 1409, PTHA 1413, PTHA 1321, PTHA 2409, PTHA 1431, PTHA 2205, PTHA 2201, Co-requisites: PTHA 2431, PTHA 2435.

Credits

2

Distribution

PTHA

Offered

Spring Only

Course Fee

Clinical travel fee: \$15, Health professions fee: \$40, Typhon fee: \$80

### PTHA 1321 PATHOPHYSIOLOGY FOR PTA

3 lec/0 lab (3Cr.) Study of the pathophysiology of diseases/conditions encountered in physical therapy. Emphasis on the etiology pathogenesis signs/symptoms and treatments of selected diseases/conditions; identification of the impact of the pathologies in physical therapy. Prerequisite: Anatomy and Physiology I and II or equivalent; admission to program. Co-requisites: PTHA 1409 PTHA 1413.

Credits

3

Distribution

PTHA

Offered

Spring Only

Course Fee

Health professions fee: \$60, OTA kit: \$27

### PTHA 1325 COMMUNICATION IN HEALTHCARE

3 lec (3 Cr) Communication theories and principles for optimal delivery of healthcare.

Prerequisite

ENGL 1301, BIOL 2401, BIOL 2402, MATH 1342

Corequisite

PTHA 1413, PTHA 1321, PTHA 1409

Distribution

PTHA

Offered

Spring

Course Fee

Internet course fee (if applicable) \$38

### PTHA 1409 INTRODUCTION TO PHYSICAL THERAPY

2 lec/4 lab (4 Cr) This course will provide an introduction to the profession of physical therapy and the role of the physical therapist assistant. Topics will include: the history purpose and scope of physical therapy; identification of the roles and responsibilities of the physical therapist assistant; principles and techniques of patient handling and functional skills; basic patient handling and functional skills; selected data collection techniques; communication skills. Prerequisite: Admission into the PTA program. Co-requisites: PTHA 1413 PTHA 1321.

Credits

4

Distribution

PTHA

Offered  
Spring Only

Course Fee  
Health professions fee: \$80, Typhon fee: \$80

### PTHA 1413 FUNCTIONAL ANATOMY

2 lec/4 lab (4 Cr.) Study of the relationship of the musculoskeletal and neuromuscular systems to normal and abnormal movement. Students will be able to locate the musculoskeletal and neurological structures of the human body; differentiate between normal and abnormal movement. Prerequisite: Anatomy and Physiology I and II or equivalent; admission to program. Co-requisites: PTHA 1409 PTHA 1321.

Credits  
4

Distribution  
PTHA

Offered  
Spring Only

Course Fee  
Health professions fee: \$80

### PTHA 1431 PHYSICAL AGENTS

3 lec/4 lab (4 Cr.) Study of the biophysical principles, physiological effects, efficacy, and application of physical agents. Prerequisite: PTHA 1409 PTHA 1413 PTHA 1329. Co-requisites: PTHA 2409 PTHA 2205 PTHA 2301 PTHA 1160

Credits  
4

Distribution  
PTHA

Offered  
Fall Only

Course Fee  
Health professions fee: \$80

### PTHA 2205 NEUROLOGY

2 lec (2 Cr.) The relationship of neuroanatomy and neurophysiology as it relates to neurological conditions. Prerequisite: PTHA 1409 PTHA 1413 PTHA 1329. Co-requisites: PTHA 2409 PTHA 1431 PTHA 2301 PTHA 1160.

Credits  
2

Distribution  
PTHA

Offered  
Fall Only

Course Fee  
Health professions fee: \$40

### PTHA 2239 PROFESSIONAL ISSUES

2 lec (2 Cr.) Discussion on professional issues and behaviors related to clinical practice; preparation for transition into the workforce including preparation for licensure, employment, and professional development; identification of legal, ethical, and professional behaviors. Prerequisites: PTHA 1409, PTHA 1413, PTHA 1321, PTHA 2409, PTHA 1431, PTHA 2205, PTHA 2201, PTHA 2431, PTHA 2435, PTHA 1260. Co-requisite: PTHA 2360.

Credits  
2

Distribution  
PTHA

**Course Fee**

Health professions fee: \$40

**PTHA 2301 ESSENTIALS OF DATA COLLECTION**

2 lec/3 lab (3 Cr.) This course identifies data collection techniques used to assist in patient/client management. Prerequisite: PTHA 1409, PTHA 1413, PTHA 1321. Co-requisites: PTHA 2409, PTHA 1431, PTHA 2205, PTHA 1260.

**Credits**

3

**Distribution**

PTHA

**Offered**

Fall Only

**Course Fee**

Health professions fee: \$40, PTA MACS: \$60

**PTHA 2360 PTA CLINICAL II**

(16 External) (3 Cr.) This clinical is a full time, seven (7) week clinical that provides practical, general workplace training supported by an individualized learning plan developed by the employer, college and student. As outlined in the learning plan, the student will apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry. Upon successful completion of the course, the student will earn three (3) credit hours. Prerequisites: PTHA 1409, PTHA 1413, PTHA 1321, PTHA 2409, PTHA 1431, PTHA 2205, PTHA 2201, PTHA 2431, PTHA 2435, PTHA 1260. Co-requisites: PTHA 2339.

Co-requisites: PTHA 2339.

**Credits**

3

**Distribution**

PTHA

**Offered**

Fall Only

**Course Fee**

Clinical travel fee: \$15, Health professions fee: \$60

**PTHA 2366 PTA PRACTICUM**

(360 External) (3 Cr.) This practicum is a full time, nine (9) week clinical rotation that provides practical, general workplace training supported by an individualized learning plan developed by the employer, college and student. As outlined in the learning plan, the student will apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry. Prerequisites: PTHA 1409, PTHA 1413, PTHA 1321, PTHA 2409, PTHA 1431, PTHA 2205, PTHA 2201, PTHA 2431, PTHA 2435, PTHA 1260, PTHA 2360 and PTHA 2339.

**Credits**

3

**Distribution**

PTHA

**Offered**

Fall Only

**Course Fee**

Clinical travel fee: \$15, Health professions fee: \$60, PEAT Practice Exam: \$79

**PTHA 2409 THERAPEUTIC EXERCISE**

3 lec/4 lab (4 Cr.) Explores concepts, principles, and application of techniques related to therapeutic exercise and functional training. Prerequisite: PTHA 1409 PTHA 1413 PTHA 1321. Co-requisites: PTHA 1431 PTHA 2205 PTHA 2201 PTHA 1160.

## Credits

4

## Distribution

PTHA

## Offered

Fall Only

## Course Fee

Health professions fee: \$80

**PTHA 2431 MANAGEMENT OF NEUROLOGICAL DISORDERS**

3 lec/4 lab (4 Cr.) Comprehensive rehabilitation techniques of selected neurological disorders. Prerequisite: PTHA 1409, PTHA 1413, PTHA 1321, PTHA 2409, PTHA 1431, PTHA 2205, PTHA 2201. Co-requisites: PTHA 2435, PTHA 1260.

## Credits

4

## Distribution

PTHA

## Offered

Spring Only

## Course Fee

Health professions fee: \$80

**PTHA 2535 REHABILITATION TECHNIQUES**

3 lec/6 lab (5 Cr.) Instruction in comprehensive rehabilitation of selected diseases and disorders.

Prerequisites: PTHA 1409, PTHA 1413, PTHA 1321, PTHA 2409, PTHA 1431, PTHA 2205, PTHA 2201. Co-requisites: PTHA 2431, PTHA 1260.

## Credits

5

## Distribution

PTHA

## Offered

Spring Only

## Course Fee

Health professions fee: \$80