

PHYSICAL THERAPIST ASSISTANT (PTA)

PTA 101 (5 credit hours)

Orientation to Physical Therapy Practice

Includes orientation to the profession of physical therapy, legal aspects of physical therapy practice, interdisciplinary team, cultural diversity, medical terminology, research and evidence-based practice, and introductory patient-care skills such as communication, aseptic techniques, body mechanics, safety procedures, wheelchair management, patient transfers, patient positioning and draping, and vital signs, identification and fitting of ambulation aids, basic gait training, patient and consumer education. Lecture: 2 credits (30 contact hours). Laboratory: 3 credits (90 contact hours).

Pre-requisite: Admission to the PTA Program and completion of BIO 137 with a grade of "C" or better.

Co-requisite: PTA 125.

Attributes: Technical

Components: LAB: Laboratory, LEC: Lecture

PTA 120 (2 credit hours)

Basic Skills for the PTA

Introduces basic concepts of health and disease and introductory patient care skills. Includes orientation to the profession of physical therapy, legal aspects of physical therapy practice, and introductory patient-care skills such as aseptic technique; body mechanics; safety procedures; wheelchair management; patient transfers; positioning and draping; gait training; passive, active, and active-assisted exercise and stretching. Lecture: 2 credits (30 contact hours).

Pre-requisite: Admission to the Physical Therapist Assistant Program; Completion of BIO 137 & BIO 139 with a C or better.

Co-requisite: PTA 1501, PTA 1502, PTA 121, PTA 160, PTA 170.

Components: LEC: Lecture

PTA 121 (2 credit hours)

Basic Skills for the PTA Lab

Develops introductory patient-care skills such as communication; safety procedures; aseptic technique; body mechanics; wheelchair management; patient transfers; positioning and draping; gait training; pain assessment; passive, active, and active-assisted exercise; stretching; and documentation. Lab experiences will reflect concepts taught in the paired lecture course. Laboratory: 2 credits (60 contact hours).

Pre-requisite: Admission to the Physical Therapist Assistant Program; Completion of BIO 137 & BIO 139 with a C or better.

Co-requisite: PTA 1501, PTA 1502, PTA 120, PTA 160, PTA 170.

Components: LAB: Laboratory

PTA 125 (1 credit hours)

Neuroanatomy for the PTA

Encompasses the neuroanatomy of the central and peripheral nervous systems and applies these concepts to common neurological pathologies found in rehabilitation. Lecture: 1.0 credit (15 contact hours).

Pre-requisite: Admission to the PTA Program and completion of BIO 137 with a grade of "C" or better.

Co-requisite: PTA 101.

Components: LEC: Lecture

PTA 150 (6 credit hours)

Functional Anatomy and Kinesiology

Emphasizes the structure and function of the musculoskeletal system, the relationship with biomechanical principles, basic physical principles, and the mechanical aspects of human motion. Includes muscle testing, flexibility testing, goniometry, and aspects of normal gait and posture. Lecture: 3 credits (45 contact hours). Lab: 3 credits (90 contact hours).

Pre-requisite: Pathway 1: Admission to the PTA Program and completion of BIO 137, BIO 139, PTA 101 & PTA 125 with a grade of C or better OR Pathway 2: Admission to the PTA Program and completion of BIO 137 & BIO 139 with a grade of C or better.

Co-requisite: Pathway 1: PTA 160 and PTA 170 OR Pathway 2: PTA 120, PTA 121 and PTA 170.

Attributes: Course Also Offered in Modules, Technical

Components: LAB: Laboratory, LEC: Lecture

PTA 160 (3 credit hours)

Medical and Surgical Conditions in Physical Therapy

Includes the study of health and disease of all age groups with an emphasis on the etiology, pathology, prevention, data collection, and physical therapy interventions in selected medical and surgical conditions encountered in physical therapy. Lecture: 3 credits (45 contact hours).

Pre-requisite: [Pathway 1: Admission to the PTA Program and completion of BIO 137, BIO 139, PTA 101 and PTA 125 with a grade of "C" or better] OR [Pathway 2: Admission to the PTA Program and completion of BIO 137, BIO 139 with a grade of "C" or better].

Co-requisite: [Pathway 1: PTA 150 and PTA 170] OR [Pathway 2: PTA 1501, PTA 1502, PTA 120, PTA 121, PTA 170].

Attributes: Technical

Components: LEC: Lecture

PTA 170 (1 credit hours)

Clinical Practicum I

Includes clinical observation and practice of selected physical therapy interventions and data collection with the application of knowledge from previous/concurrent PTA courses and general education coursework. Clinical: 1 credit (60 contact hours).

Pre-requisite: [Pathway 1: Admission to the PTA Program and completion of BIO 137, BIO 139, PTA 101 & PTA 125 with a C or better] OR [Pathway 2: Admission to the PTA Program and completion of BIO 137 & BIO 139 with a C or better].

Co-requisite: [Pathway 1: PTA 150 and PTA 160] OR [Pathway 2: PTA 120, PTA 121, PTA 160, PTA 1501, and PTA 1502].

Attributes: Technical

Components: CLN: Clinical

PTA 200 (5 credit hours)

Modalities & Procedures in Physical Therapy

Includes the basic physical science principles of selected physical therapy interventions, data collection, and selected physiotherapy interventions including wound therapy, compression therapy, safety procedures, gait training, traction, massage, superficial heat and cold, deep heat modalities, electrotherapy, ultraviolet radiation, hydrotherapy, and documentation. Lecture: 2 credits (30 contact hours). Laboratory: 3 credits (90 contact hours).

Pre-requisite: Admission to the PTA Program and completion of: PTA 150 and 160 with a grade of "C" or better; PTA 170 with a grade of "P"; all general education courses required for completion of the Physical Therapist Assistant program with a grade of "C" or better.

Co-requisite: PTA 220 and PTA 240.

Attributes: Course Also Offered in Modules, Technical

Components: LAB: Laboratory, LEC: Lecture

PTA 202 (2 credit hours)**Therapeutic Modalities in Physical Therapy**

Includes the basic physical science, data collection, and principles of selected physical therapy interventions including, massage, superficial heat and cold, sound agents, electromagnetic radiation, electrotherapy, biofeedback, traction, and compression therapy. Student cannot progress to PTA 240 without a grade of C or better in all other co-requisite courses. Lecture: 2.0 credits (30 contact hours).

Pre-requisite: Admission to the PTA Program; Completion of PTA 1501, PTA 1502, PTA 120, PTA 121, PTA 170 with a C or better.

Co-requisite: PTA 222, PTA 223, PTA 234, PTA 233, PTA 203, PTA 240.

Attributes: Technical

Components: LEC: Lecture

PTA 203 (2 credit hours)**Therapeutic Modalities in Physical Therapy Lab**

Develops skills in data collection, documentation, and the application of selected physical therapy interventions including, massage, superficial heat and cold, sound agents, electrotherapy, biofeedback, traction, and compression therapy. Lab experiences will reflect concepts taught in the paired lecture course. Student cannot progress to PTA 240 without a grade of C or better in all other co-requisite courses. Lab: 2.0 credits (60 contact hours).

Pre-requisite: Admission to the PTA Program; Completion of PTA 1501, PTA 1502, PTA 120, PTA 121, PTA 170 with a C or better.

Co-requisite: PTA 222, PTA 223, PTA 234, PTA 233, PTA 202, PTA 240.

Attributes: Technical

Components: LAB: Laboratory

PTA 220 (5 credit hours)**Physical Therapy Principles & Procedures**

Emphasizes selected physical therapy interventions, documentation, and data collection for management of patients with the following problems: musculoskeletal conditions, pulmonary diseases, pathological gait, balance problems, thermal injuries, arthritis, amputations and cardiac diseases. Includes therapeutic exercise, orthotics, prosthetics, wellness, and women's health issues. Lecture: 2 credits (30 contact hours). Laboratory: 3 credits (90 contact hours).

Pre-requisite: Admission to the PTA Program and completion of: PTA 150 and 160 with a grade of "C" or better; PTA 170 with a grade of "P"; all general education courses required for completion of the Physical Therapist Assistant program with a grade of "C" or better.

Co-requisite: PTA 200 and PTA 240.

Attributes: Technical

Components: LAB: Laboratory, LEC: Lecture

PTA 222 (2 credit hours)**Pathology & Rehabilitation of Orthopedic Conditions**

Emphasizes the etiology, pathology, prevention, data collection, and selected physical therapy interventions for management of patients with the following problems: musculoskeletal conditions, pathological gait, arthritis, and amputations. Includes the study of wellness and women's issues, therapeutic exercise, orthotics, and prosthetics. Lecture: 2 credits (30 contact hours).

Pre-requisite: Admission to the PTA Program; Completion of PTA 1501, PTA 1502, PTA 160, PTA 120, and PTA 121 with a "C" or better; Completion of PTA 170 with a grade of "P".

Co-requisite: PTA 223, PTA 234, PTA 233, PTA 202, PTA 203, and PTA 240; Students cannot progress to PTA 240 without a grade of "C" or better in all other co-requisite courses.

Attributes: Technical

Components: LEC: Lecture

PTA 223 (2 credit hours)**Pathology & Rehabilitation of Orthopedic Conditions Lab**

Develops skills in selected physical therapy interventions and data collection for management of patients with the following problems: musculoskeletal conditions, pathological gait, arthritis, and amputations. Includes therapeutic exercise, orthotics, prosthetics, and supportive devices. Laboratory: 2 credits (60 contact hours).

Pre-requisite: Admission to the PTA Program; Completion of PTA 1501, PTA 1502, PTA 160, PTA 120, and PTA 121 with a "C" or better; Completion of PTA 170 with a grade of "P".

Co-requisite: PTA 222, PTA 233, PTA 234, PTA 202, PTA 203 and PTA 240; Students cannot progress to PTA 240 without a grade of "C" or better in all other co-requisite courses.

Attributes: Technical

Components: LAB: Laboratory

PTA 233 (2 credit hours)**Pathology & Rehabilitation of Neurological & Pediatric Conditions Lab**

Develops skills in the application of selected physical therapy interventions for patients of all age groups with disabilities resulting from the following: brain injury, spinal cord injury, genetic/congenital, and balance disorders. Includes techniques of neuromuscular re-education. Laboratory: 2 credits (60 contact hours).

Pre-requisite: Admission to the PTA Program; Completion of PTA 1501, PTA 1502, PTA 160, PTA 120, and PTA 121 with a "C" or better; Completion of PTA 170 with a grade of "P".

Co-requisite: PTA 222, PTA 223, PTA 234, PTA 202, PTA 203, and PTA 240; Students cannot progress to PTA 240 without a grade of C or better in all other co-requisite courses.

Attributes: Technical

Components: LAB: Laboratory

PTA 234 (2 credit hours)**Pathology & Rehabilitation of Neurological & Pediatric Conditions**

Focuses on etiology, pathology, progression, prevention, data collection, and selected physical therapy interventions for management of patients of all age groups with disabilities resulting from the following: brain injury, spinal cord injury, and genetic/congenital disorders. Includes balance disorders, normal growth and development, and the rationale and techniques of neuromuscular re-education. Lecture: 2 credits (30 contact hours).

Pre-requisite: Admission to the PTA Program; Completion of PTA 1501, PTA 1502, PTA 160, PTA 120, and PTA 121 with a "C" or better; Completion of PTA 170 with a grade of "P".

Co-requisite: PTA 222, PTA 223, PTA 233, PTA 202, and PTA 203 and PTA 240; Students cannot progress to PTA 240 without a grade of "C" or better in all other co-requisite courses.

Components: LEC: Lecture

PTA 240 (2 credit hours)**Clinical Practicum II**

Includes clinical observation and practice of selected physical therapy interventions and data collection with the application of knowledge from previous/concurrent PTA courses and general education coursework.

This course will entail four consecutive weeks of full-time clinical experience. In order to participate in this clinical experience, the student must be earning a grade of C or better in all Co-requisite courses.

Practicum: 2 credits (160 contact hours).

Pre-requisite: [Pathway 1: Admission to the PTA Program and completion of: PTA 150 and 160 with a "C" or better; PTA 170 with a grade of "P"; all general education courses required for completion of the Physical Therapist Assistant program with a grade of "C" or better] OR [Pathway 2: Admission to the PTA Program and completion of: PTA 120, PTA 121, PTA 160, PTA 1501, and PTA 1502 with a grade of "C" or better; PTA 170 with a grade of "P"].

Co-requisite: [Pathway 2: PTA 202, PTA 203, PTA 222, PTA 223, PTA 232, and PTA 233; Students cannot progress to PTA 240 without a grade of "C" or better in all Co-requisite courses].

Pre- or co-requisite: [Pathway 1: PTA 200 and PTA 220; Students cannot progress to PTA 240 without a grade of "C" or better in PTA 200 and PTA 220].

Attributes: Technical

Components: PCM: Practicum

PTA 250 (5 credit hours)**Neurological Rehabilitation in Physical Therapy**

Focuses on rehabilitation procedures, including assistive devices, for patients of all age groups with disabilities resulting from brain injury, spinal cord injury, genetic/congenital disorders, and other neurodegenerative disorders. Includes normal growth and development and the rationale and techniques of neuromuscular re-education. Lecture: 3 credits (45 contact hours). Laboratory: 2 credits (60 contact hours).

Pre-requisite: Admission to the PTA Program and completion of: PTA 200 and 220 with a grade of C or better and PTA 240 with a grade of P.

Co-requisite: PTA 260.

Pre- or co-requisite: PTA 280; if taken as a pre-requisite to PTA 280, must earn a grade of C or better for PTA 250.

Attributes: Technical

Components: LAB: Laboratory, LEC: Lecture

PTA 253 (1 credit hours)**Pathology & Rehabilitation of Special Populations and Conditions**

Emphasis on data collection and advanced selected interventions for managing patients with pathology in the following bodily systems: Cardiovascular, Respiratory, and Integumentary, as well as patients requiring care within specialized environments. Lecture: 1 credits (15 contact hours).

Pre-requisite: Admission to the PTA Program and completion of PTA 222, PTA 223, PTA 234, PTA 233, PTA 202, and PTA 203 with a "C" or better; Completion of PTA 240 with a grade of "P".

Co-requisite: PTA 255, PTA 260, and PTA 280.

Attributes: Technical

Components: LEC: Lecture

PTA 255 (1 credit hours)**Pathology & Rehabilitation of Special Populations & Conditions Lab**

Develops skills in the application of selected physical therapy interventions for patients with the following problems: respiratory system, cardiovascular system, metabolic, and rheumatologic pathologies; psychiatric disorders; infectious diseases; oncology; thermal injuries; integumentary disorders; and wounds. Includes therapeutic exercise and wound care. Laboratory: 1 credit (30 contact hours).

Pre-requisite: PTA 222, PTA 223, PTA 234, PTA 233, PTA 202, and PTA 203 with a "C" or better; Completion of PTA 240 with a grade of "P".

Co-requisite: PTA 253, PTA 260, and PTA 280; Students cannot progress to PTA 280 without a grade of "C" or better in all other co-requisite courses.

Attributes: Technical

Components: LAB: Laboratory

PTA 256 (2 credit hours)**Pathology & Rehabilitation of Special Populations and Conditions**

Emphasizes the etiology, pathology, prevention, data collection, and selected physical therapy interventions for management of patients with the following conditions: respiratory system, cardiovascular system, metabolic, and rheumatologic pathologies; psychiatric disorders; infectious diseases; oncology; thermal injuries; integumentary disorders; and wounds. Includes therapeutic exercise and wound care. Completion of PTA 240 with a grade of "P". Students cannot progress to PTA 280 without a grade of "C" or better in all other co-requisite courses. Lecture: 2 credits (30 contact hours)

Pre-requisite: PTA 222, PTA 223, PTA 234, PTA 233, PTA 202, and PTA 203 with a "C" or better.

Co-requisite: PTA 255, PTA 260, and PTA 280.

Components: LEC: Lecture

PTA 260 (2 credit hours)**Seminar in Physical Therapy**

Presents topics to assist the student in the transition to physical therapist assistant including trends, specialized practice, patient services, and the employment process. Utilizes case studies to assist students to integrate theory and practice. Lecture: 2 credits (30 contact hours).

Pre-requisite: [Pathway 1: Admission to the PTA Program and completion of: PTA 200 and 220 with a grade of "C" or better and PTA 240 with a grade of "P"] OR [Pathway 2: PTA 202, PTA 203, PTA 222, PTA 223, PTA 234, and PTA 233 with a grade of "C" or better; Completion of PTA 240 with a grade of "P"].

Co-requisite: [Pathway 1: PTA 250] OR [Pathway 2: PTA 253, PTA 255, and PTA 280; Students cannot progress to PTA 280 without a grade of "C" or better in all co-requisite courses].

Attributes: Technical

Components: LEC: Lecture

PTA 280 (5 credit hours)

Clinical Practicum III

Includes clinical observation and practice of physical therapy interventions and data collection with the application of knowledge from previous and concurrent PTA courses and general education coursework. By the end of the clinical experience the student will demonstrate an entry level of practice. Practicum: 5 credits (400 contact hours).

Pre-requisite: [Pathway 1: Admission to the PTA Program and completion of: PTA 200 and 220 with a grade of "C" or better and PTA 240 with a grade of "P"] OR [Pathway 2: PTA 202, PTA 203, PTA 222, PTA 223, PTA 232, and PTA 233 with a grade of "C" or better; Completion of PTA 240 with a grade of "P"].

Co-requisite: [Pathway 2: PTA 253, PTA 255, and PTA 260; Students cannot progress to PTA 280 without a grade of "C" or better in all co-requisite courses].

Pre- or co-requisite: [Pathway 1: PTA 250, PTA 260; if taken as Pre-requisites to PTA 280, must earn a "C" or better for PTA 250 and PTA 260].

Attributes: Technical

Components: PCM: Practicum

PTA 1501 (3 credit hours)

Functional Anatomy and Kinesiology Lab

Develops selected data collection techniques in physical therapy, including: goniometry, manual muscle testing, flexibility, sensory integrity, reflex testing, and postural assessment. Lab experiences will reflect concepts taught in paired lecture course. Lab: 3 credits (90 contact hours).

Pre-requisite: [Pathway 1: Admission to the PTA Program and completion of BIO 137, BIO 139, PTA 101 and PTA 125 with a grade of C or better] OR [Pathway 2: Admission to the PTA Program; Completion of BIO 137 & BIO 139 with a C or better].

Co-requisite: [Pathway 1: PTA 160, PTA 170 & PTA 1502] OR [Pathway 2: PTA 120, PTA 121, PTA 1502 and PTA 170].

Components: LAB: Laboratory

PTA 1502 (3 credit hours)

Functional Anatomy and Kinesiology Lecture

Provides knowledge related to the structure and function of the musculoskeletal system, the relationship with biomechanical principles, basic physical principles, and the mechanical aspects of human motion. Includes principles of muscle testing, flexibility testing, goniometry, and aspects of normal gait and posture. Lecture: 3 credits (45 contact hours).

Pre-requisite: [Pathway 1: Admission to the PTA Program and completion of BIO 137, BIO 139, PTA 101 & PTA 125 with a grade of C or better] OR [Pathway 2: Admission to the PTA Program and completion of BIO 137 & BIO 139 with a C or better].

Co-requisite: [Pathway 1: PTA 160, PTA 170 & PTA 1501] OR [Pathway 2: PTA 120, PTA 121, PTA 1501 and PTA 170].

Components: LEC: Lecture