

# Physical Therapist Assistant

## **PT 100 INTRODUCTION TO PHYSICAL THERAPY & CLINICAL**

Credit Hours: 2

Prerequisites: Admission to the PTA Program

Students learn about the history of the field of Physical Therapy, and the role of the PTA.

Communication and human relations, including individual as well as cultural differences, are discussed as they relate to the health care field. The role and scope of PT/PTA, professional organization, educational and job opportunities, career decisions, confidentiality, licensure, terminology, documentation, basic research procedures, multi-disciplinary team approach, and current issues affecting the field are covered.

Students observe physical therapy treatment in a variety of clinical practice areas during the clinical section of the course.

## **PT 105 FUNCTIONAL ANATOMY FOR THE PHYSICAL THERAPIST ASSISTANT**

Credit Hours: 3

Prerequisites: Admission to the PTA Program

The student is introduced to the essentials of functional anatomy as related to the study of muscle origin, insertion, action and innervation. Basic terminology and concepts of applied kinesiology and physics are covered. Laboratory experiences include visualizing cadaver dissections and obtaining a working knowledge of applied surface anatomy.

## **PT 115 BASIC SKILLS IN PATIENT CARE WITH LAB**

Credit Hours: 2

Prerequisites: PT 100, PT 105

The student explores the principles and practices of physical therapy including but not limited to: positioning and draping, body mechanics, transfers, infection control, wheelchair management, ambulation aids and self-care instruction.

## **PT 120 THERAPEUTIC EXERCISE I WITH LAB**

Credit Hours: 3

Prerequisites: PT 100, PT 105

The student is exposed to foundational principles and practices of physical therapy including but not

limited to: posture awareness, manual muscle testing, range of motion measurement and exercise, stretching and strengthening techniques, joint integrity and mobility, soft tissue mobilization, pulmonary physical therapy techniques, PNF patterns and pain measurement.

## **PT 130 THERAPEUTIC MODALITIES WITH LAB**

Credit Hours: 4

Prerequisites: PT 100, PT 105

Students examine the theory, principles and application of physical therapy modalities including but not limited to: therapeutic heat and cold, traction, biofeedback, ultrasound, electrical stimulation, hydrotherapy, iontophoresis, and laser. Theory and principles of diathermy, infrared, ultraviolet, and compression therapies are taught.

## **PT 180 CLINICAL EXPERIENCE I**

Credit Hours: 1

Prerequisites: PT 100, PT 105

This clinical course entails observation and application of physical therapy procedures under the direction and supervision of the Clinical Instructor. Knowledge and skills learned in general education and PTA program courses are applied in the clinical setting.

## **PT 260 MEDICAL ETHICS AND LAW**

Credit Hours: 1

Prerequisites: Satisfactory completion of all previous academic coursework.

This course includes classroom instruction and discussion in ethics and important issues affecting the physical therapy profession. Topics include: quality assurance, the multi-disciplinary team, professional liability, professional conduct, standards of practice and ethical conduct.

## **PT 200 CLINICAL EXPERIENCE II**

Credit Hours: 4

Prerequisites: PT 180

This course provides clinical observation, application and practice of physical therapy procedures under the direction and supervision of the Clinical Instructor. Students apply knowledge from previous general education and PTA program courses.

**PT 210 ORTHOPEDIC ISSUES WITH LAB**

Credit Hours: 4

Prerequisites: Satisfactory completion of all course work to this point in the curriculum.

This course includes classroom and laboratory instruction on rehabilitation of patients with surgical and non-surgical orthopedic injuries. General surgical protocols, medical imaging techniques, taping techniques, orthotics, breathing exercises and other techniques for optimum physical performance are covered. Students apply and modify therapeutic exercise techniques for the orthopedic patient.

**PT 215 PEDIATRIC AND NEUROLOGICAL DISORDERS WITH LAB**

Credit Hours: 4

Prerequisites: Satisfactory completion of all course work to this point in the curriculum.

Students learn about pediatric and neurologic dysfunction and interventions for patients across the life span. Concepts include: fundamentals of nervous system operation, motor development, balance and righting reactions, components of sensory, movement and functional assessments, treatment plan progression, mobility training, and application of principles of therapeutic exercise to pediatric and neurologic patients.

**PT 220 THERAPEUTIC EXERCISE II WITH LAB**

Credit Hours: 3

Prerequisites: Satisfactory completion of all course work to this point in the curriculum.

This course covers a variety of topics relevant to the practice of physical therapy. These topics include: cardiopulmonary responses to exercise, aquatic therapy, ergonomic assessment, industrial rehabilitation, wellness, core strengthening, advanced stretching and strengthening techniques, gait analysis, goal setting, balance training, joint mobilization, and soft tissue injury, repair and remodeling.

**PT 228 SPECIAL TOPICS IN PHYSICAL THERAPY WITH LAB**

Credit Hours: 3

Prerequisites: Satisfactory completion of all course work to this point in the curriculum.

This course covers a variety of topics relevant to the practice of physical therapy. These topics include: rehabilitation for patients with burns, wounds, amputations and cancer; cardiopulmonary

rehabilitation; rehabilitation for geriatric patients; alternative medicine; women's health; and rehabilitation for the athlete.

**PT 238 ISSUES IN HEALTH CARE ADMINISTRATION, BILLING & PROFESSIONAL COMMUNICATION**

Credit Hours: 2

Prerequisites: Satisfactory completion of all course work to this point in the curriculum.

This course explores topics concerning proper billing, reimbursement and documentation of physical therapy services, including payer sources, billing codes, time versus service based billing and reimbursement rules across settings. Discussion emphasizes the importance of documentation to the above issues. Patient confidentiality is revisited. The importance of written and verbal communication is stressed throughout this course.

**PT 240 CLINICAL EXPERIENCE III**

Credit Hours: 5

Prerequisites: Satisfactory completion of all course work to this point in the curriculum.

This course includes clinical observation, application, and practice of physical therapy procedures under the direction and supervision of the Clinical Instructor. Knowledge from all coursework to date is applied in the clinical setting.

**PT 250 CLINICAL EXPERIENCE IV**

Credit Hours: 5

Prerequisites: Satisfactory completion of all course work to this point in the curriculum.

This course follows PT 240 and provides continued clinical application and practice of physical therapy procedures in a clinical setting different from PT 240. Knowledge from previous general education and PTA courses is applied under the direction and supervision of the Clinical Instructor.

**PT 280 PTA SEMINAR**

Credit Hours: 1

Prerequisites: Satisfactory completion of all course work to this point in the curriculum.

This course covers topics used to help the entry-level PTA pass the national exam, gain employment, develop within the field of Physical Therapy, comprehend state practice acts and increase knowledge of licensing requirements.