

# PHYSICAL THERAPIST ASSISTANT (PHYTA)

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## PHYTA 1100

### *Introduction to Physical Therapy*

2 Credit Hours

Students will be introduced to an overview of the physical therapy profession within the health care delivery system from a historical, philosophical, and organizational context. Students will explore the physical therapy frame of reference in various practice and treatment areas and discuss personal and professional qualities of the health care provider, professional ethics, and the psychological aspects of treatment. (2 lecture hours)

**Prerequisite:** Consent of instructor is required.

## PHYTA 1109

### *Basic Health Care Skills and Principles of Soft Tissues Techniques*

3 Credit Hours

Students will be instructed in basic health care skills used in physical therapy. Other topics will include identification of anatomical structures and therapeutic intervention techniques. (2 lecture hours, 3 lab hours)

**Prerequisite:** Admission to Physical Therapist Assistant program or consent of instructor.

## PHYTA 1112

### *PTA Kinesiology II*

3 Credit Hours

Continuation of application of biomechanical principles and analysis of human movement. Explores in detail the relationship of these principles to the elbow, forearm, wrist, hand, lower extremity, head, neck, trunk, and to gait and posture. (2 lecture hours, 2 lab hours)

**Prerequisite:** Admission to Physical Therapist Assistant program and PHYTA 1111 with a grade of C or better or equivalent or consent of instructor.

## PHYTA 1114

### *PTA Total Patient Care*

1 Credit Hour

Students will discuss topics related to the physical therapy profession, including psycho-emotional aspects of caring for the patient, psycho-social problems of the ill and disabled, aging, medical ethics and professional ethics. (1 lecture hour)

**Prerequisite:** Admission to Physical Therapist Assistant program or consent of instructor.

## PHYTA 1202

### *PTA Therapeutic Exercise*

2 Credit Hours

Continuation of therapeutic exercise for all ages, including stretching exercise. Emphasis is on the development of exercise programs for correction of postural dysfunction and gait abnormalities including the use of orthotic devices relevant to mobility and daily function. Focus on therapeutic intervention for the patient following an amputation, including the use of prosthetic devices relevant to mobility and daily function. Assessment and intervention of Activities of Daily Living (ADL) issues are also emphasized. (1 lecture hour, 2 lab hours)

**Prerequisite:** Admission to Physical Therapist Assistant program and PHYTA 1211 with a grade of C or better or consent of instructor.

## PHYTA 1205

### *PTA Kinesiology*

5 Credit Hours

Students will study and analyze human movement utilizing principles of biomechanics, musculoskeletal anatomy, and neuromuscular physiology. Emphasis will be on basic biomechanics, the articular system, the skeletal system, the muscular system, the nervous system, and development of exercise programs for correction of postural dysfunction and gait abnormalities. (4 lecture hours, 2 lab hours)

**Prerequisite:** Admission to Physical Therapist Assistant program is required. ANAT 1551 or ANAT 1571 with a grade of B or better, or equivalent or consent of instructor.

## PHYTA 1207

### *PTA Pathophysiology*

2 Credit Hours

Students will study diseases and disorders commonly seen in physical therapy practice. Students will be provided an overview of etiology, manifestations, and treatment of significant diseases with an emphasis on the musculoskeletal, nervous, and cardiopulmonary systems. (2 lecture hours)

**Prerequisite:** Admission to Physical Therapist Assistant program or consent of instructor. ANAT 1551 with a grade of B or better or ANAT 1571 with a grade of B or better, or equivalent.

## PHYTA 1211

### *PTA Therapeutic Assessment & Basic Intervention*

4 Credit Hours

Students will learn the basic principles of exercise, basic evaluation skills pertaining to joint and muscle function, the development of exercise programs for correction of specific conditions, and goniometric and manual muscle testing assessment. (2.5 lecture hours, 4.5 lab hours)

**Prerequisite:** Admission to Physical Therapist Assistant Program is required and PHYTA 1109 with a grade of B or better, or equivalent or consent of instructor.

## PHYTA 1221

### *PTA Clinical Practicum I*

1 Credit Hour

Provides initial opportunity to implement a variety of physical therapy treatment plans. Students will be oriented to the roles and responsibilities of the physical therapist assistant (PTA) and will have their initial supervised contact with clients having physical dysfunction. (0.5 lecture hours, 8 clinical hours)

**Prerequisite:** Admission to Physical Therapist Assistant program and PHYTA 1201 with a grade of C or better or consent of instructor.

## PHYTA 1301

### *PTA Therapeutic Modalities*

4 Credit Hours

Students will learn therapeutic intervention utilizing physical agents in the treatment of acute and chronic diseases and injuries. Students will be introduced to wound care, burn care, and infection control. (2.5 lecture hours, 4.5 lab hours)

**Prerequisite:** Admission to Physical Therapist Assistant program and PHYTA 1205 with a grade of B or better, equivalent or consent of instructor.

**PHYTA 1840**

***Independent Study - Individualized***

1-4 Credit Hours

Exploration and analysis of topics within the discipline to meet individual student-defined course description, goals, objectives, topical outline and methods of evaluation in coordination with and approved by the instructor. This course may be taken four times for credit as long as different topics are selected. (1 to 4 lecture hours)

**Prerequisite:** Consent of instructor is required.

**PHYTA 2103**

***PTA Neuromuscular and Cardiopulmonary Rehabilitation***

4 Credit Hours

Students will learn physical therapy techniques used in the assessment and intervention of patients with neurological disorders and cardiovascular and pulmonary disorders. (2.5 lecture hours, 4.5 lab hours)

**Prerequisite:** PHYTA 1301 with a grade of B or better, or equivalent or consent of instructor.

**PHYTA 2104**

***PTA Special Patient Populations***

3 Credit Hours

Students will be provided with an overview of physical therapy for special patient populations including pediatrics, geriatrics, bariatrics, lymphedema, women's health, post-amputation, and patients with prosthetics. (2.5 lecture hours, 1.5 lab hours)

**Prerequisite:** PHYTA 1301 with a grade of B or better, or equivalent or consent of instructor.

**PHYTA 2110**

***PTA Documentation***

1.5 Credit Hours

Observation, interviewing and medical note-writing techniques. Subject matter to include various assessment, treatment plan, progress note, and discharge summary formats. Emphasis on writing style, reimbursement guidelines and legal aspects of note writing. (1.5 lecture hours)

**Prerequisite:** Admission to Physical Therapist Assistant program or consent of instructor.

**PHYTA 2112**

***PTA Advanced Orthopedic Rehabilitation***

4 Credit Hours

Students will focus on orthopedic disorders and appropriate therapeutic intervention. Students will continue their study of therapeutic exercise, with a focus on principles and application of progressive-resistive exercise, upper and lower extremity joint mobilization, and exercise progression. (2.5 lecture hours, 4.5 lab hours)

**Prerequisite:** Admission to Physical Therapist Assistant Program or consent of instructor. PHYTA 1301 with a grade of B or better, or equivalent.

**PHYTA 2122**

***PTA Clinical Practicum I***

1.5 Credit Hours

Students are provided an initial opportunity to implement a variety of physical therapy treatment plans in the clinic. Students will be oriented to the roles and responsibilities of the physical therapist assistant (PTA) and will have their initial supervised contact with clients. Students are provided opportunities to follow established treatment programs, provide individual patient treatments, and practice hands-on techniques. This course can only be taken on a pass/fail basis. (0.5 lecture hours, 9 clinical hours)

**Prerequisite:** Admission to Physical Therapist Assistant Program or consent of instructor and PHYTA 1301 with a grade of B or better or consent of instructor.

**PHYTA 2212**

***PTA Advanced Orthopedic Rehabilitation***

4 Credit Hours

Continuation of the study of therapeutic exercise. Focus is on principles and application of progressive-resistive exercise, upper and lower extremity joint mobilization, and exercise progression. Emphasis is on orthopedic disorders and appropriate therapeutic intervention. (2 lecture hours, 4 lab hours)

**Prerequisite:** Admission to Physical Therapist Assistant Program and PHYTA 1202 with a grade of C or better, or equivalent or consent of instructor.

**PHYTA 2214**

***PTA Professional Issues***

1 Credit Hour

Students will review and discuss topics related to the Physical Therapy profession, including Medicare Prospective Payment System (PPS), current trends, pharmacology, cultural diversity, research, licensure, and other legal and ethical aspects that influence current practice. (1 lecture hour)

**Prerequisite:** PHYTA 2103 with a grade of B or better, or equivalent or consent of instructor.

**PHYTA 2223**

***PTA Clinical Practicum II***

2.5 Credit Hours

Students continue their clinical experience with opportunities to further improve their intervention skills. Students will reinforce concepts of proper body mechanics, therapist and client safety, communication skills, documentation of goals, intervention plans, and patient progress. This course can only be taken on a pass/fail basis. (0.5 lecture hours, 16 clinical hours)

**Prerequisite:** PHYTA 2122 with a grade of S or better, or equivalent.

**PHYTA 2224**

***PTA Clinical Practicum III***

3 Credit Hours

Students' clinical experiences conclude with the opportunity to build upon knowledge and skills developed in prior clinical experiences. Focus is on entry level competencies in providing comprehensive and consecutive interventions within the larger framework of departmental operations. This course can only be taken on a pass/fail basis. (0.5 lecture hours, 20 clinical hours)

**Prerequisite:** PHYTA 2223 with a grade of S or better, or equivalent.

**PHYTA 2860**

***Internship (Career & Technical Ed)***

1-4 Credit Hours

Course requires participation in Career and Technical Education work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. (5 to 20 lab hours)

**Prerequisite:** Consent of instructor and 2.0 cumulative grade point average; 12 semester credits earned in a related field of study; students work with Career Services staff to obtain approval of the internship by the dean from the academic discipline where the student is planning to earn credit.

**Course types:** Contemporary Life Skills (A.A., A.S., A.A.S., A.G.S.)

**PHYTA 2865*****Internship Advanced (Career & Tech Ed)***

1-4 Credit Hours

Continuation of Internship (Career and Technical Education). Course requires participation in Career & Technical Education work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. (5 to 20 lab hours)

**Prerequisite:** Consent of instructor and 2.0 cumulative grade point average; 12 semester credits earned in a related field of study; students work with Career Services staff to obtain approval of the internship by the dean from the academic discipline where the student is planning to earn credit.

**Course types:** Contemporary Life Skills (A.A., A.S., A.A.S., A.G.S.)