PHYSICAL THERAPIST ASSISTANT PROGRAM
Associate in Applied Science (AAS)

ADMISSION

PROCEDURES

To be admitted to the Physical Therapist Assistant Program (AAS), a prospective student must be interviewed by the admissions representative, and complete an Enrollment Agreement form for admission.

The entrance criteria include several requirements related to age, prior education, basic skills evaluation, and prior education performance. Based upon entrance criteria, approval for admission is granted or denied by the Executive Director. The copies of the required documents for admission into the Physical Therapist Assistant Program (AAS) Program will remain as school property.

REQUIREMENTS

1. Each applicant must be at least eighteen (18) years of age on the first day of classes. Documentation of age may be required.

2. Students must have a High School Diploma; hold a General Education Equivalent Development (GED) certificate or proof of a completed 12th grade; or provide other acceptable documentation of an approved post-secondary institution.

3. Complete and sign an Enrollment Agreement Form.

4. Take Entrance Test (ET) and pass with a minimum score of 70 points.

5. All applicants must receive an orientation to the school and an explanation of the school's requirements, rules and regulations.

6. Prospective students who were denied admission and would like to view their files may submit a written request. Access to view the file will be granted within 24 hours of request. Professional Hands Institute will keep records of prospective students denied admission for at least one year.

Note: A Catalog will be available to all students at the time of enrollment.

GENERAL INFORMATION

PROGRAM OBJECTIVE

The Physical Therapist Assistant program has established specific goals and student learning outcomes that are closely evaluated and modified as needed to best serve the students, the community, and to comply with the standards of the American Physical Therapy Association (APTA).

The Physical Therapist Assistant (AAS) program is offered at Main Campus and South Campus. This course is taught in English.

PROGRAM DESCRIPTION

Associate of Science in Physical Therapist Assistant (PTA) program is designed for students seeking entry level positions as Physical Therapist Assistants. This program has 74 semester credit hours and 1, 560 hours of theory, Laboratory practice and clinical externship. The students will learn Therapeutic Procedures, Neurological Rehabilitation, Physical Agents used in Rehabilitation, Physical Therapy Management, patients Education in Rehabilitation, Geriatric Rehabilitation, and Phatophysiology for PTA, Kinesiology, and therapeutic Exercises, orthopedic in Rehabilitation, Pharmacology, Physical Therapy Laboratory Practice, and Clinical Practice. All students are required to complete 11 credits hours/495 clock hours of externship as part of their applied clinical practicum.

SERVICES

All students are required to complete 11 credits hours/495 clock hours of externship as part of their applied clinical practicum.

DEGREE

Upon completion of the program the student will receive an Associate Degree in Applied Science as a Physical Therapist Assistant.

REGISTRATION AND TUITION

Registration Fee: $ 100.00 (Non-refundable and non-taxable)

Tuition: $ 30,500.00

All prices for the Physical Therapist Assistant (AAS) program are printed herein. There are no carrying charges, interest charges, or service charges connected or charged with this program. Contracts are not sold to a third party at any time. Cost of credit is included in the price cost for the goods and services.

The Registration fee is due at the time of signing the application for admission and it is non-refundable. Payments are due on the first class day of each week. The student can pay the tuition in full prior to attending the first class, or pay the tuition cost in installments. These arrangements should be made with the Business Office before starting the classes.

In addition to the Registration fee and tuition payment, a Student Payment Schedule will be given to the student by the Business Office and payments will be as stated in the Student Payment Schedule.

Note: The total cost of the Physical Therapist Assistant AAS Program includes the tuition and Uniforms.

CURRICULUM AND COURSE DESCRIPTION

HCOM07 - Human Communication

The student will learn the following in this course, introduction to communication, communication confidence, ethical communication, listing and critical thinking skills, choosing topics, analyzing your audience, integrating supporting material, organizing ideas, outlining a presentation, using appropriate language, delivery a presentation, undersign persuasive principles, using arguments and using communication in the 21st century, speech outlines.

ENGC05 - English Composition

This course will teach the student, the writing process, editing skills, problems with verb usage, verb agreement and consistency, paragraph creation, sentence creation, writing an essay, compound sentences, common sentences error, spelling errors, modifiers, mistakes with modifiers, and run on sentences.

CALG01 – College Algebra

The student will learn whole numbers, fractions, decimals, ratios, rates, and proportions, percentages, units of measure, geometry, statistics, signed numbers, and Applying basic algebraic procedures to solve problems from daily life.

PSYG08- General Psychology

This well teach the science of psychology, the biological perception, learning, memory, cognitive psychology, thinking, intelligence and language, motives and emotions, sexuality and gender, stress and health, social psychology, theories of personality, psychological disorders, and psychological therapies.

ANAP10 – Anatomy & Physiology I

Describe the relationships of body systems in providing client care. Describe the structure and function of the various body systems. Understand the diseases that affect this body system. This course will teach the following systems: Cells and Tissues, Basic Chemistry, muscular-skeletal systems, nervous system, skin, and sensory systems. Teaching the client how the body functions, understanding the human development process and the different stages of human growth.

ANAP11 - Anatomy & Physiology II

Describe the relationships of body systems in providing client care. Describe the structure and function of the various body systems. Understand the diseases that affect this body system. This course will teach the following systems: respiratory system, cardio-vascular system reproductive system, urinary systems, digestive systems, and endocrine system. Teaching the client how the body functions, understanding the human development process and the different stages of human growth.

MOFF03 – Microsoft Office Advanced 2010
This course will teach the student how to create and save a new document, navigate in word for windows, add a graphic to a document, how to use the spell check, use the Microsoft help system, format and organize text, change paragraph and text layout, create and modify list, insert and format headers, how to use graphic and tables, setting tab stops, how to modify text and boxes and shapes, how to create and format a table, cut and paste text and pictures, insert hyperlinks, creating mailing labels, create a merge mail list, and create and insert columns.

PHT1010 - Introduction to Physical Therapist Assistant

The student will learn about the development of the physical therapy profession, the physical therapist assistant as a member of the healthcare team, physical therapy practices, musculoskeletal physical therapy, neurological and cardiopulmonary physical therapy, pediatric, geriatric and integumentary physical therapy, ethical and legal issues, and communication as a physical therapy assistant, patient care, and proper body mechanics.

PHT1011- Phatophysiology for PTA

The student will be able to define and describe terminology related to Phatophysiology, including impact on patient's ADL's and how it relates to physical therapist interventions, identify and understand pain and standardized pain scale, describe the structure and function of the major body systems, identify and understand assessment and diagnostic tools that are commonly used to identify injuries and impairments in physical therapy, such as X-ray, MRI, CT scans and EMG.

PHT1012 - Patient Education in Rehabilitation

The student will learn the significance of patient education in the healthcare and rehabilitation field, predictors of effective patient education, patient education variables, teaching and learning theories, ethical and legal and cultural variables in patient education, and adult learning.

PHT1013- Kinesiology

The student will learn to identify the origins, insertions, innervations, and muscle actions, assess and describe the type of muscle contraction (eccentric, concentric, isometric, isotonic, isokinetic, etc), identify and describe the difference between agonist and antagonist muscles, identify end feels of each major joints, and explain the probable cause for any alteration, apply basic biomechanical principles to functional movement and anatomical structures, identify and demonstrate the influence of gravity in various movements, identify open–packed and closed-packed position for selected joints, demonstrated the use of open/closed kinetic chain exercises.

PHT1014- Therapeutic Exercises

The student will be able to identify normal ROM in all planes of the major joints, demonstrate knowledge for indications, precautions, and contraindications of exercises techniques such as stretching activities, joint mobilizations, proprioceptive neuromuscular facilitation, closed and open kinetic chain exercises, passive, assisted, and resisted exercises, plyometric exercises, balance training, identify and demonstrate therapeutic exercises for the preparation of gait activities, the student should be able to follow therapeutic exercises using sample protocols.

PHT1015- Musculoskeletal Assessment
Describe and demonstrate the various patient positions during goniometric measurement and manual muscle testing, palpate and identify the bony landmarks utilized for goniometric measurements, identify the axis, stationary arm and moveable arm of a goniometry during ROM, describe and demonstrate normal range of motion and functional ranges for major joints, recognize muscle atrophy and hypertrophy, recognize normal and abnormal muscle length, identify indications, precautions, and contraindications for manual muscle test and range of motion assessment, list and describe each MMT grade from 0-5, identify and describe common joint deformities.

PHT1016 - Physical Therapist Laboratory Practice I
The student will practice basic physical therapy assistant skills in the laboratory setting like, goniometric measurement and manual muscle testing, palpate and identify the bony landmarks utilized for goniometric measurements, identify the axis, stationary arm and moveable arm of a goniometric during ROM, describe and demonstrate normal range of motion and functional ranges for major joints, recognize muscle atrophy and hypertrophy.

PHT1017 - Clinical Practice I

This course consists of a 20 hours per week clinical experience course and provides a setting for the students to use all of their prior course experience. The student will work under the supervision of a CI (Clinical Instructor), which must be a licensed Physical Therapist and/or a licensed Physical Therapist Assistant, with the assistance/guidance of the ACCE (Academic Clinical Coordinator of education.

PHT1018 - Physical Agents used in Rehabilitation

This course will teach the approach of physical agents such as the skin, the circulatory system, wound management, edema, pain, electromagnetic spectrum, the thermal agents, electrotherapy, mechanical agents, photochemical agents, additional clinical applications and clinical cases and laboratory experiments.

PHT1019 - Therapeutic Procedures

The student will be able to demonstrate competence in wound management procedures and interventions, identify and demonstrate competence in implementing functional training with assistive, orthotic, and prosthetic devices, identify basic components of assistive devices, orthotics, and prosthetics, define indications, precautions, and contraindications in the use of assistive device, orthosis, and prosthesis, recognize normal and abnormal response to therapeutic interventions, demonstrate and instruct breathing exercises and coughing techniques.

PHT1020- Orthopedic in Rehabilitation

After completing this course the student should be able to identify the role of PTA in orthopedic assessment, identify techniques related to the theories of orthopedic rehabilitation, describe various stages in tissue healing in post-operative patients, identify various types of surgical interventions techniques commonly used to treat orthopedic injuries, demonstrate and explain appropriate treatment programs for patients with an orthopedic diagnosis.

PHT1021 - Physical Therapist Laboratory Practice II

The student will practice intermediate physical therapist assistant skill in the laboratory setting how, functional training with assistive, orthotic, and prosthetic devices, identify basic components of assistive devices, orthotics, and prosthetics, define indications, precautions, and contraindications in the use of assistive device, orthosis, and prosthesis.

PHT1022 - Clinical Practice II

This clinical course provides an opportunity for the student to apply knowledge and skills from all previous academic and clinical education, under the supervision of a clinical instructor at an assigned facility.

PHT1023 - Physical Therapist Management

The student will learn the dynamic and nature of the management in healthcare organization, human resource management in physical therapist settings, physical therapist reimbursement and financial management, legal and ethical management issue, information, quality and risk management, and quality management.

PHT1024 – Pharmacology

The student will learn the accurate dosage calculations, demonstrate the six rights of medication administration observe and respond to the clients need for medication and monitor and document use of controlled substances.

PHT1025 - Neurological Rehabilitation

The student will learn basic concepts in neurology, what is normal motor control, abnormalities of muscle tone and movement, plasticity, motor neuron disease, brain injury, stroke, peripheral nerve injuries, Parkinson's disease, multiple sclerosis, spinal cord injury, disorders of childhood, cerebral palsies and motor learning disorders, spinal bifida and hydrocephalus, muscles disorders of childhood, muscle balance and specific treatment techniques.

PHT1026 - Clinical Practice III

The student will practice advance physical therapist assistant skill in the external clinical setting. The student will learn how to write a resume and where to seek employment.

PHT1027- Physical Therapist Assistant Consolidation

The end of the course students should be able to recognize pathological processes of different organs and systems, in addition to recognize signs and symptoms of specific diseases. Students must demonstrate knowledge in the application of various physical agents used in physical therapy using properly precautions and contraindications. Students must demonstrate general knowledge of therapeutic exercises, therapeutic activities, PNF, and different treatment modalities in Physical therapy. Students must pass satisfactorily the final exam of PTA consolidation.

DISCLOSURE: The Physical Therapist Assistant program is not approved by CAPTE. PTA students are not eligible for Title IV funds

COURSE NUMBERING, COURSE MODULES AND CROSS REFERENCES

The Physical Therapist Assistant Program (AAS) classes are divided in 25 sections or modules, which are taught as a continuous learning cycle. A student may enter this program at the beginning of any class module, until the completion of the entire cycle.

Physical Therapist Assistant (AAS) is a credit hour program. The prefixes or courses titles are usually the first letters of the title of the course or program and the numbering system will be 100. The course offerings and their description are in alphabetical order by prefix, then numerically within that prefix.

COURSE MODULES CODES/ PREFIX		COURSES/ PREFIX TITLE	CREDITS
GENERAL EDUCATION			
1	HCOM07	Human Communication	3
2	ENGC05	English Composition	3
3	CALG01	College Algebra	3
4	PSYG08	General Psychology	3
5	ANAP10	Anatomy & Physiology I	3
6	ANAP11	Anatomy & Physiology II	3
7	MOFF03	Microsoft Office Advanced 2010	2
	PROGRAM COURSES		
8	PHT1010	Introduction to Physical Therapist Assistant	3
9	PHT1011	Phatophysiology for PTA	3
10	PHT1012	Patient Education in Rehabilitation	2
11	PHT1013	Kinesiology	3
12	PHT1014	Therapeutic Exercises	3
13	PHT1015	Musculoskeletal Assessment	3
14	PHT1016	Physical Therapist Laboratory Practice I	3
15	PHT1017	Clinical Practice I	3
16	PHT1018	Physical Agents used in Rehabilitation	3
17	PHT1019	Therapeutic Procedures	3
18	PHT1020	Orthopedic in Rehabilitation	3
19	PHT1021	Physical Therapist Laboratory Practice II	3
20	PHT1022	Clinical Practice II	4
21	PHT1023	Physical Therapist Management	2
22	PHT1024	Pharmacology	3
23	PHT1025	Neurological Rehabilitation	4
24	PHT1026	Clinical Practice III	4
25	PHT1027	Physical Therapist Assistant Consolidation	2
		Total	**74**