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Physical Therapist Assistant Program

Course Curriculum

Prerequisites to Program Core Courses (Tuition: \$660)						
Course #		Course Title	Credits			
10-806-177	General Anatomy & I	Physiology	4			
Credits: 4 Lecture Hours: 54 Lab Hours: 36 Students examine basic concepts of human anatomy and physiology as they relate to health sciences. Students use a body systems approach to analyze the interrelationships between structure and function at the gross and microscopic levels of organization of the entire human body. They apply basic concepts of whole body anatomy and physiology to make informed decisions as health care professionals and to communicate professionally with colleagues and patients. Prerequisites: HESI Score = 76, and High school chemistry or college chemistry with a minimum grade of C, or Fundamentals of Chemistry (10-806-109)						
			4			
Semester 1 (Tuition: \$2,630)						
Course #		Course Title	Credits			
10-524-139	PTA Patient Intervent	tions	4			
Credits: 4 Lecture Hours: 36 Lab Hours: 72 An introduction to basic skills and physical therapy interventions performed by the physical therapist assistant.						
10-524-140	PTA Professional Issu	ues 1	2			
Credits: 2 Lecture Hours: 36 Introduces the history and development of the physical therapy program, legal and ethical issues, the interdisciplinary health care team, and professional communication skills.						
10-524-156	PTA Applied Kinesio	logy 1	4			
Credits: 4 Lecture Hours: 36 Lab Hours: 72 Introduces basic principles of musculoskeletal anatomy, kinematics, and clinical assessment. Students locate and identify muscles, joints, and other landmarks of the lower quadrant in addition to assessing range of motion and strength. Integrates analysis of gait. Prerequisite: Accepted into Physical Therapist Assistant Program (10- 524-1)						
10-801-136	English Composition	1	3			
	e Hours: 54 ned for learners to devel	op knowledge and skills in all aspects of the	writing process.			

This course is designed for learners to develop knowledge and skills in all aspects of the writing process. Planning, organizing, writing, editing and revising are applied through a variety of activities. Students will analyze audience and purpose, use elements of research and format documents using standard guidelines. Individuals will develop critical reading skills through analysis of various written documents.

10-801-196 Oral/Interpersonal Communication

Credits: 3 Lecture Hours: 54

Students demonstrate competency in speaking, verbal and nonverbal communication, and listening skills through individual presentations, group activities and other projects.

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Semester 2 (Tui	tion: \$2,140)		16
Course #	tion: \$2,140 <i>)</i>	Course Title	Credits
10-524-142	PTA Therapeuti	c Exercise	3
Provides instruction	on on the implement	· ·	cise principles. Learners implement, PTA Applied Kinesiology 1 (10-524-
10-524-143	PTA Biophysica	al Agents	4
Develops the know			us therapeutic modalities likely to be
10-524-157	PTA Applied Ki	inesiology 2	3
location and ident axial skeleton and	ification of muscles, upper quadrant. Inte Applied Kinesiolog	plied Kinesiology 1 to the axial skele joints and other landmarks. Assess r egrates analysis of posture. Prerequis y 1, (10-524-156) PTA Patient Interv	ange of motion and strength of the ites: General Anatomy & Physiology,
10-809-188	Developmental	Psychology	3
Developmental Ps developmental the psychosocial char	eory and research with the second sec	y of human development throughout th an emphasis on the interactive nat dividual from conception to death. A gain an increased knowledge and une	ure of the biological, cognitive, and application activities and critical derstanding of themselves and others.
S			13
Semester 3 (Tui Course #	110n: \$2,630)	Course Title	Credits
10-524-144	PTA Princ of No		4
Integrates concept	ts of neuromuscular j	Hours: 72 pathologies, physical therapy interve nterventions (10-524-139) PTA App	entions, and data collection in patient lied Kinesiology 2 (10-524-157)
10-524-145	PTA Princ of M	usculo Rehab	4
Credits: 4 Lectu	re Hours: 36 Lab	Hours: 72	

Integrates concepts of musculoskeletal pathologies, physical therapy interventions, and data collection in patient treatment. Prerequisite: PTA Applied Kinesiology 2 (10-524-157)

10-524-146 PTA Cardio & Integ Mgmt

Credits: 3 Lecture Hours: 36 Lab Hours: 36

Integrates concepts of cardiopulmonary and integumentary pathologies, physical therapy interventions, and data

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collection in patient treatment. Prerequisites: PTA Patient Interventions (10-524-139) PTA Applied Kinesiology 2 (10-524-157)

10-524-147 PTA Clinical Practice 1

Credits: 2 Lecture Hours: 0 Occupational Hours: 144 Provides a part-time clinical experience to apply foundational elements, knowledge, and technical skills pertinent to physical therapy practice. Prerequisites: PTA Applied Kinesiology 1 (10-524-156)

10-809-199 Psychology of Human Relations * *OR* *

Credits: 3 Lecture Hours: 54

Students explore the relationship between the general principles of psychology and our everyday lives. Students are given the opportunity to achieve a deepened sense of awareness of themselves and others. This understanding enables students to improve their relationship with others at work, in the family, and in society.

10-809-198 Introduction to Psychology

Credits: 3 Lecture Hours: 54

Students survey the multiple aspects of human behavior. This involves a survey of the theoretical foundations of human functioning in such areas as learning, motivation, emotions, personality, deviance and pathology, physiological factors, and social influences. The student forms an insightful understanding of the complexities of human relationships in personal, social, and vocational settings

			16
Semester 4 (Tu	uition: \$3,100)		
Course #		Course Title	Credits
10-524-148	PTA Clir	nical Practice 2	3
Credits: 3 Lec	ture Hours: 0	Occupational Hours: 216	

Provides another part-time clinical experience to apply foundational elements, knowledge, and technical skills required of the entry level physical therapist assistant in various practice settings. Prerequisites: PTA Princ of Neuro Rehab (10-524-144) PTA Clinical Practice (10-524-147)

10-524-149 PTA Rehab Across the Lifespan

Credits: 2 Lecture Hours: 36

A capstone course that integrates concepts of pathology, physical therapy interventions and data collection across the lifespan. In addition the PTA's role in health, wellness, and prevention; reintegration, and physical therapy interventions for special patient populations will be addressed. Prerequisites: PTA Princ of Neuro Rehab (10-524-144) PTA Princ of Musculo Rehab (10-524-145)

10-524-150PTA Professional Issues 2

Credits: 2 Lecture Hours: 36

Incorporates professional development, advanced legal and ethical issues, healthcare management and administration, and further development of professional communication strategies. Prerequisites: PTA Professional Issues (10-524-140)

10-524-151PTA Clinical Practice 3

Credits: 5 Lecture Hours: 0 Occupational Hours: 360 Provides a full-time clinical experience to apply foundational elements, knowledge, and technical skills required of the entry level physical therapist assistant in various practice settings. Prerequisites: PTA Princ of Neuro Rehab (10-524-144) PTA Princ of Musculo Rehab (10-524-145)

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10-809-172 Introduction to Diversity Studies

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Credits: 3 Lecture Hours: 54

Students draw from several disciplines to reaffirm the basic American values of justice and equality by learning a basic vocabulary, a history of immigration and conquest, principles of transcultural communication, legal liability and the value of aesthetic production to increase the probability of respectful encounters among people. In addition to an analysis of majority/minority relations in a multicultural context, the topics of ageism, sexism, gender differences, sexual orientation, the disabled and the American Disability Act (ADA) are explored. Ethnic relations are studied in global and comparative perspectives.

Total Credits: 64

Estimated Total Tuition*: \$11,160

Additional costs for physical, uniforms, travel, and testing & licensure. For detailed costs, contact <u>Health</u> <u>Programs Support</u>.