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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 & 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 Interventions | 4 |

Credits: 4 Lecture Hours: 36 Lab Hours: 72

An introduction to basic skills and physical therapy interventions performed by the physical therapist assistant.

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| 10-524-140 | PTA Professional Issues 1 | 2 |
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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.

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| 10-524-156 | PTA Applied Kinesiology 1 | 4 |
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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)

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| 10-801-136 | English Composition 1 | 3 |
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Credits: 3 Lecture Hours: 54

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.

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| 10-801-196 | Oral/Interpersonal Communication | 3 |
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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 (Tuition: \$2,140)

| Course # | Course Title | Credits |
|--|----------------------------|----------------|
| 10-524-142 | PTA Therapeutic Exercise | 3 |
| Credits: 3 Lecture Hours: 18 Lab Hours: 72 Provides instruction on the implementation of a variety of therapeutic exercise principles. Learners implement, educate, adapt, and assess responses to therapeutic exercises. Prerequisite: PTA Applied Kinesiology 1 (10-524-156) | | |
| 10-524-143 | PTA Biophysical Agents | 4 |
| Credits: 4 Lecture Hours: 36 Lab Hours: 72 Develops the knowledge and technical skills necessary to perform numerous therapeutic modalities likely to be utilized as a PTA. Prerequisite: PTA Patient Interventions (10-524-139) | | |
| 10-524-157 | PTA Applied Kinesiology 2 | 3 |
| Credits: 3 Lecture Hours: 18 Lab Hours: 72 Applies basic principles from PTA Applied Kinesiology 1 to the axial skeleton and upper quadrant including location and identification of muscles, joints and other landmarks. Assess range of motion and strength of the axial skeleton and upper quadrant. Integrates analysis of posture. Prerequisites: General Anatomy & Physiology, (10-806-177) PTA Applied Kinesiology 1, (10-524-156) PTA Patient Interventions, (10-524-139) PTA Professional Issues 1, (10-524-140) | | |
| 10-809-188 | Developmental Psychology | 3 |
| Credits: 3 Lecture Hours: 54 Developmental Psychology is the study of human development throughout the lifespan. This course explores developmental theory and research with an emphasis on the interactive nature of the biological, cognitive, and psychosocial changes that affect the individual from conception to death. Application activities and critical thinking skills will enable students to gain an increased knowledge and understanding of themselves and others. | | |
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| Semester 3 (Tuition: \$2,630) | | |
| Course # | Course Title | Credits |
| 10-524-144 | PTA Princ of Neuro Rehab | 4 |
| Credits: 4 Lecture Hours: 36 Lab Hours: 72 Integrates concepts of neuromuscular pathologies, physical therapy interventions, and data collection in patient treatment. Prerequisites: PTA Patient Interventions (10-524-139) PTA Applied Kinesiology 2 (10-524-157) | | |
| 10-524-145 | PTA Princ of Musculo Rehab | 4 |
| Credits: 4 Lecture 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 | 3 |
| Credits: 3 Lecture Hours: 36 Lab Hours: 36 Integrates concepts of cardiopulmonary and integumentary pathologies, physical therapy interventions, and data | | |

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.

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Total Credits: 64

Estimated Total Tuition*: \$11,160

Additional costs for physical, uniforms, travel, and testing & licensure. For detailed costs, contact [Health Programs Support](#).