

**Metropolitan Community College-Penn Valley-HSI
Physical Therapist Assistant Program
Course Descriptions**

Detailed course outlines may be viewed at

<http://mcckc.edu/progs/info/forms/courses.asp>

PTHA 151 Introduction to Physical Therapy (2 credits. 2 hours)

Introduction to the education and roles of the physical therapist and physical therapist assistant as members of the health care team. Overview of physical therapy practice, terms and current issues. Effective interaction with others related to the implementation of the physical therapy plan of care.

PTHA 152 Fundamentals of Modalities I (4 credits. 2.5 lecture, 3 lab hours)

Basic patient care skills utilized by the physical therapist assistant in carrying out the plan of care established by the physical therapist. Theory and application of basic treatment modalities used in physical therapy, including indications and contraindications. Field trips

PTHA 153 Kinesiology (4 credits. 2 lecture, 4 lab hours)

Discussion of anatomy and function of the musculoskeletal system. Analysis of various activities. Application of various data collection techniques to monitor effectiveness of physical therapy interventions as outlined in the plan of care established by the supervising physical therapist.

PTHA 154 Applied Neurology (2 credits. 2 lecture hours)

Foundations of neuroscience for practice as a rehabilitation professional. Anatomy and function of the nervous system. Correlation of clinical problems with pathology of the nervous system. Cross-listed with OTHA 154.

PTHA 155 Rehabilitation (4 credits. 3 lecture, 2 lab hours)

Introduction to underlying theory, principles and application of interventions involved in physical rehabilitation. Field trips as required.

PTHA 158 Therapeutic Exercise (4 credits. 2 lecture, 4 lab hours)

Introduction to the theory and principles of application of therapeutic exercise including patient instruction, manual techniques and equipment commonly used by the physical therapist assistant in carrying out the plan of care as established by the supervising physical therapist. Field trips as required.

PTHA 159 Orthopedic Pathology(2 credits. 2 lecture hours)

Orthopedic pathologies commonly seen in physical therapy practice: diagnostic tests, signs and symptoms, physiologic factors and common interventions associated with the physical therapy plan of care

PTHA 160 Medical Diseases(2 credits. 2 lecture hours)

Medical diseases commonly seen in physical therapy practice; diagnostic tests, signs and symptoms, physiologic factors and common interventions associated with the physical therapy plan of care.

PTHA 161 Fundamentals of Modalities II(4 credits. 2.5 lecture, 3 lab hours)

Introduction to the theory and practical application of documentation, patient care skills, and selected modalities, including indications and contraindications.

PTHA 162 Clinical Immersion (1 credit, 40 hours)

Supervised clinical experience in the practical application of techniques and procedures covered in all previous PTHA courses. Assisting physical therapists in treatment of patients in a variety of clinical settings

PTHA 164 Pediatrics and Gerontology(2 credits. 2 lecture hours)

Specialized information related to the treatment of pediatric and older adult populations

PTHA 170 Clinical Experience I(3 credits, 3 weeks full time)

Supervised clinical experience in the practical application of techniques and procedures covered in all previous PTHA courses. Assisting physical therapists in treatment of patients in a variety of clinical settings.

PTHA 171 Clinical Seminar(2 credits, 2 lecture hours)

This course contains information on current professional issues and values, administrative policies and procedures, and related clinical topics associated with the practice of physical therapy. Service learning projects required

PTHA 272 Clinical Experience II(12 credits, 40 hours/week-14 weeks)

Practical application of principles learned in the prior didactic semesters. Experience rotating internships in selected clinical sites under the supervision of a physical therapist.