

# GRADUATE CERTIFICATE IN ORTHOPEDIC MANUAL PHYSICAL THERAPY

The Graduate Certificate in Orthopedic Manual Physical Therapy is designed to offer advanced, graduate-level courses in orthopedics to physical therapists interested in developing clinical specialty skills. This educational program provides advanced theoretical and clinical training, emphasizing differential diagnosis and manual therapy procedures.

The certificate program is offered as a part-time course of study accommodating the needs of working professionals. Students enrolled in the program will participate in 18 credits of coursework including orthopedic theory, techniques and clinical internship training. The length of study for this part-time program is two years, with courses being offered primarily on a weekend and evening basis and the clinical training being performed at approved clinical sites. All of the required courses that comprise this certificate can be applied to the Doctor of Science in Physical Therapy degree.

## ADMISSION REQUIREMENTS

To be eligible for admission to this program, individuals must hold an entry-level physical therapy degree (i.e., Bachelor of Science or Master of Physical Therapy) from an APTA accredited program, or its equivalent, and be licensed as a physical therapist in the state of Michigan. Class size is limited due to the nature and sequencing of the manual therapy technique courses. A new group of students is accepted every fall.

## ADMISSION TERMS AND DEADLINES

Students are admitted in the fall semester only. Applications will be accepted until July 15 for the following fall semester.

## APPLICATION REQUIREMENTS

The application materials and steps to be taken are:

1. Application for Admission to graduate study.
2. Professional vitae or resume and one page narrative goal statement outlining academic and professional goals.
3. Official transcripts of all previous undergraduate and graduate level academic work and proof of degree.
4. Two recommendations for graduate admission forms or two letters of reference.
5. Official scores for the Test of English as a Foreign Language (TOEFL) and GRE from applicants who are graduates of programs taught in a language other than English.
6. International students must meet the application requirements described by graduate admissions.
7. Proof of licensure or eligibility for licensure in the State of Michigan. Students who do not have a license upon admission will be conditionally admitted until they provide proof of licensure. Proof of licensure is required to register for courses that require clinical hours.

## CERTIFICATE REQUIREMENTS

To fulfill the certificate requirements the student must complete, with at least a 2.5 grade in each course and an overall GPA of 3.0, a program consisting of PT 8800, 8860, 8861, 8862, 8863, 8955, 8956, 8957, 8871, 8870 and 8966 .

## ENROLLMENT

See admission requirements for general information regarding enrollment. Foreign educated therapists must have equivalent to a B.S. degree as evaluated by a credentialing service and meet all Oakland University graduate admissions criteria including TOEFL and GRE scores.

## **COURSE DESCRIPTIONS**

### **PT 8800–Understanding Evidence-Based Practice (2 credits)**

An overview of evidence-based practice and its application to examination, evaluation, diagnosis, prognosis and intervention in physical and occupational therapy.

### **PT 8860–Advanced Orthopedics I (2 credits)**

This course is designed to introduce basic orthopedic science, orthopedic practice principles and treatment techniques required in the day-to-day management of patients with movement impairments, functional limitations, and disabilities due to musculoskeletal pathologies affecting the extremities.

### **PT 8861–Advanced Orthopedics II (2 credits)**

This course is designed to introduce basic orthopedic science, orthopedic practice principles and treatment techniques required in the day-to-day management of patients with movement impairments, functional limitations and disabilities due to musculoskeletal pathologies affecting the spine.

### **PT 8862–Advanced Orthopedics III (2 credits)**

This course presents an integrate approach to improving movement impairments of the extremities and spine. New techniques and concepts are added to the learner skill set to enhance examination and treatment efficiency.

### **PT 8863–Advanced Orthopedics IV (2 credits)**

This laboratory and lecture course focuses on advanced clinical decision making, patient prognostication, application of physical tests and measures and interventions for patient's with complex spinal orthopedic conditions.

### **PT 8955–Clinical Orthopedic Internship I (1 credit)**

This course provides supervised clinical practice in orthopedic physical therapy settings.

### **PT 8956–Clinical Orthopedic Internship II (1 credit)**

This course provides supervised clinical practice in orthopedic physical therapy settings.

### **PT 8957–Clinical Internship III (1 credit)**

This course provides supervised clinical practice in orthopedic physical therapy settings.

### **PT 8871–Applied Movement Sciences (2 credits) (3 credits for M.S. students)**

This course focuses on common symptomatic movement-related disorders associated with various orthopedic spinal and peripheral joint pathologies. Students will perform and prescribe movement/exercise interventions for patients with impairments associated with select musculoskeletal pathologies.

### **PT 8870–Advanced Differential Diagnoses (2 credits)**

This course is designed to advance the practicing physical therapist's knowledge of medical conditions that may impact physical therapy examination and treatment. Prior learning and clinical experience will be emphasized to assist in identifying signs and symptoms of organ system disorders, and determining when referral to other medical professionals is warranted.

### **PT 8966–OMPT Practicum (1 credit)**

This course is the culmination course in the OMPT program. This course consists of a series of testing processes and formats to examine OMPT student competency with all core course curriculum.

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