

Courses:	Course Description:	Instructional Methods:	Timeline:	Contact Hours:
Advanced Anatomy and Biomechanics	A laboratory course which focuses on self study. Presentation and demonstration of tissue, organ and body systems structures, and human cadaver dissection with emphasis on structure and biomechanics of neuromuscular and skeletal systems. Residents utilize pro-sections in their study and demonstration and perform at least 2 pro-sections each from fresh specimens. Residents also have pain science component focusing on the physiology of pain as it relates to orthopaedic specialty practice.	Cadaver Dissection, Independent Study, Discussion, Reflection	Fall Semester	53
Advanced Manual Therapy	This course addresses the theory and techniques of manual therapy and their role in the management of musculoskeletal disorders. The primary emphasis is on integrating manual therapy techniques, including mobilization and manipulation, into a plan of care for patients with peripheral and spinal joint impairments.	Discussion, Lab Practice, Clinical Practice	Full Year	30
Teaching and Learning	This course will expose the resident to the specialized educational environments of the professional Doctor of Physical therapy program, where they will serve as an adjunct instructor, in addition to providing educational opportunities in post-professional experiences in the orthopaedic physical therapy and orthopaedic surgery residency programs.	Journal Club, Fracture Conference, Service as Clinical Instructor, Adjunct Lecturing, APTA Certified Clinical Instructor Course	Full Year	190

Current Concepts	<p>This course presents a thorough review of anatomy and biomechanics of each body region, application of specific tests and measurements, musculoskeletal pathology, and effective treatment strategies. Recognized experts share evidence-based techniques in orthopaedic physical therapy evaluation, assessment, and intervention. The first monograph describes the multifaceted process of clinical reasoning and utilization of evidence-based practice physical therapy management. The remaining monographs each cover a major joint region of the body, from the cervical spine and temporomandibular joint to the foot and ankle. Each monograph concludes with case scenarios that require clinical problem solving and allows readers to compare their answers with the experts' rationale. Take advantage of this opportunity to enhance your clinical knowledge and challenge your reasoning skills. The Resident will also have the opportunity to read, discuss, and apply principles and concepts contained in the CPGs published by JOSPT. Resident's will have group discussions on the guidelines, after which they are asked to reflect on the topic(s), and put forth a plan of how they would incorporate these principles into their orthopaedic specialty practice.</p>	Independent Study, Discussion, Exam, Written Reflection	Full Year	102
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Supplemental Instructional Time:	Instructional Methods	Timeline	Contact Hours
Functional Movement Course	4 hours lecture/discussion, 8 hours clinical/lab	Spring Semester	12
Fall LPTA Meeting	Lecture	Fall Semester	11
Spring LPTA Meeting	Lecture	Spring Semester	11
APTA Combined Section Meetings	Lecture	Spring Semester	26