

Week	Lecture Topic	Other
1	Basic Research Methods for Understanding the Physical Therapy Literature	Lab day – meet everyone, introduction, initial journal club
2	Clinical Reasoning and Evidence Based Practice	
3	Principles of Pharmacotherapeutics, Pharmacology for Pain, Pharmacological Management for Cardiovascular conditions and for Diabetes Mellitus	
4	Basic Diagnostic Imaging Principles, Imaging of the Extremities and Spine	
5	Tissue Tolerances of the Muscle-Tendon unit	
6	Tissue Tolerances of the Ligament and Capsule, Tissue Tolerances of Articular Cartilage	
7	The Lumbar Spine	
9	The Thoracic Spine and Rib Cage	
11	The Pelvis and SI Joint	
13	The Hip	Skills Lab day – Thoracolumbar/SI
15	The Hip Post-op	
17	The Knee	Psychomotor Exam - Lumbosacral
19	The Knee Post-op	
21	The Foot and Ankle	
23	The Foot and Ankle Post-op	
25	The Cervical Spine	Skills Lab day – Lower Extremity
27	The Cervical and Lumbar Spine Post-op	
29	The TMJ	Psychomotor Exam – Lower Extremity
31	The Shoulder	Skills Lab day – cervicothoracic, vestibular
33	The Shoulder Post-op	
35	The Elbow	Psychomotor Exam - Cervicothoracic
37	The Elbow Post-op	
39	The Wrist and Hand	Skills Lab day – Upper extremity
41	Regenerative Rehabilitation and Science of Neuromuscular Healing	
43	Interfacing Engineering Technology and Rehabilitation and Telehealth and Virtual Reality in Musculoskeletal Practice	Psychomotor Exam – Upper Extremity
45	Chronic Pain	
47	Concussion	
49		Final Written Exam
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