MedFit Classroom

Orthopedic Fitness Specialist

Course Lesson Overview



- Module 1
 - Introduction and Scope of Practice
- Module 2
 - Neuromuscular and Skeletal Structure and Function
- Module 3
 - o Application of Current Concepts in Biomechanics
- Module 4
 - o Foot and Ankle, Part 1
 - Interview with with Emily Splichal, DPM, Podiatrist and Human Movement Specialist
 - Foot and Ankle, Part 2
- Module 5
 - o Knee, Part 1
 - o Interview with Rafael Escamilla, PhD, *Professor of Physical Therapy, Director of the Biomechanics Laboratory*
 - o Knee, Part 2
 - Interview with Tim Hewett, PhD, Professor and Director of Research in Orthopaedic Surgery
 - o Knee, Part 3
- Module 6
 - o Hips, Part 1
 - o Interview with Ashley Campbell, DPT, Board-Certified Sports Physical Therapist
 - Hips. Part 2
 - o Interview with Andrew Shinar, MD, Hip and knee replacement specialist
 - o Hips, Part 3
- Module 7
 - Lumbar Spine, Part 1
 - Interview with Preston Wakefield, DC, ART, Chiropractor and Active Release Technician
 - Lumbar Spine, Part 2
 - o Interview with Stuart McGill, PhD, Biomechanist
 - Lumbar Spine, Part 1
- Module 8
 - o Thoracic Spine
 - o Exercises Thoracic Spine
- Module 9:
 - o Cervical Spine
 - Exercises Cervical Spine
- Module 10
 - o The Shoulder Joint, Part 1
 - Interview with Tim Uhl, PhD, Physical Therapist, Athletic Trainer, Professor of PT at UK
 - The Shoulder Joint, Part 2
 - o Interview with James Johnson, MD, Family and Sports Medicine Physician
 - The Shoulder Joint, Part 1
- Module 11
 - o Elbows, Wrists, and Hands
 - Exercises Elbows, Wrists, and Hands
- Competency Assessment: Orthopedic Fitness Specialist