Instructor & General Course Information

Instructors: Jeff Kinsella-Shaw, PhD, PT
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Laurie Lee Devaney, PhD, PT, ATC
Associate Professor in Residence

Course Description & Learning Objectives

Welcome to Musculoskeletal Pathology: Injury and Trauma. This week, we will discuss musculoskeletal injuries like ACL tears, ankle sprains, rotator cuff tears, and fractures along with management and consequences. In addition to classroom discussion, we will practice physical examination and perform cadaver dissections for an inside-out look at these injuries.

1. Explain the etiology of common musculoskeletal injuries across the lifespan.
2. Recognize clinical signs and symptoms associated with musculoskeletal conditions.
3. Categorize musculoskeletal conditions according to stage of injury and tissue response.
4. Define surgical procedures for selected musculoskeletal conditions.
5. Identify anatomical structures and relationships relevant to musculoskeletal injury.
6. Explain pain neuroscience as it relates to persistent pain following musculoskeletal trauma.

IMPORTANT ITEMS:

- Complete the [Laboratory Safety and Chemical Waste Management training](#)
- Complete the [Biosafety training](#)
- Scrubs for anatomy lab
- Closed toe shoes
- Hair tie for long hair