

AT 504: Applied Biomechanics and Measurement

School of Applied Sciences

The overarching goal of this course is to develop students' knowledge and appreciation of the instrumentation used to evaluate human motor function. We will provide a general overview of data collection techniques in biomechanics, electrophysiology of muscle, and functional imaging related research. Additionally, hands-on experience will be gained through laboratory experiences using motion capture, EMG, force transducers, and other biomechanical data collection techniques.

4 Credits

Prerequisites

- Prerequisite: Junior standing (60 hr).

Instruction Type(s)

- Lecture/Lab: Lecture/Lab for AT 504
- Lecture/Lab: Web-based Lecture/Lab for AT 504
- Lecture/Lab: Online Program for AT 504

Subject Areas

- [Athletic Training/Trainer](#)

