

## 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

## 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**

<u>Athletic Training/Trainer</u>

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

