

(BS=0.0,ET=0.0,MA=0.0)

Scope:

2013-1

Offerings:

2014-1 2015-1

A knowledge of basic and applied anatomy is essential to the study of human beings engaged in motor performance. An individual who understands the anatomical bases that underlie human movement and who can systematically analyze movement and determine interventions is more likely to improve technique and reduce the risk of injury. Therefore, this course is designed to introduce the structures of human anatomy and explain how these structures are involved in human movement. In support of class room instruction cadets will be introduced to basic laboratory techniques and collection, analysis and interpretation of data demonstrating anatomical and mechanical function of muscles, joints, and limbs. On successful completion of the course, cadets should be able to identify and understand the anatomical structures essential for human movement and apply their anatomical knowledge to human movement problems in athletic, educational, clinical, and/or work settings.

Lessons: 40 @ 55 min (2.500 Att/wk) **Labs:** 7 @ 110 min

Special Requirements:

None