

California University of Pennsylvania
University Course Syllabus
Approved: March 25, 2013

Department of Health Science

A. Protocol

Course Name: Athletic Training Research Project
Course Number: ATE 820
Credits: 3
Prerequisites: Must be accepted into the Graduate Athletic Training Program
Maximum Class Size: 25 traditional / NA online

B. Objectives of the Course:

Upon completion of this course students will be able to:

1. Identify an issue or problem facing the profession of athletic training
2. Synthesize the current research and apply this research to address an issue or problem facing the profession of athletic training.
3. Formulate a solution to the identified issue or problem and present it in an appropriate format.
4. Defend the research process and the resulting work.

C. Catalog Description:

Students will produce a major culminating piece of academic work that synthesizes athletic training coursework and research in peer-reviewed literature. This will take the form of a research activity including original research, creation of an educational resource, a novel application of technology, a novel performance enhancement program or other extensive produced work that is approved by the course instructor.

D. Outline of the Course:

1. Research methodology review
2. Project development
 - a. Identify the problem
 - i. Current trends in athletic training and sports medicine
 - ii. Recognizing research / improved practice opportunities
 - b. Explore issues and problems
 - i. Statement of problem
 - ii. Definition of appropriate terms
 - iii. Statement of significance of study/project
 - c. Plan and develop project
 - i. Project outline and timeline
 - ii. Project development
 - iii. Project implementation
 - d. Create project
 - i. Pilot testing
 - ii. Develop draft of project
 - iii. Review project
 - iv. Implement project

- e. Present and defend project
 - i. Present results in appropriate format
 - ii. Recommendations for future research
 - iii. Prepare results for publication / implementation

E. Teaching Methodology:

This class will primarily utilize traditional in class teaching techniques including lectures, case studies, problem based learning, small group discussions and brainstorming sessions. Projects will be presented in class with students acting as peer reviewers. Some course content will be delivered using electronic and online media.

F. Text

None

G. Assessment Activities:

1. Various assessment activities will be utilized depending upon project goals and may include:
 - a. Statement of problem
 - b. Significance of study
 - c. Project outline and timeline
 - d. Project rough draft
 - e. Project final draft
 - f. Presentation of project

H. Accommodations for Students with Disabilities:

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| STUDENTS WITH DISABILITIES |
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Students with disabilities:

- Reserve the right to decide when to self-identify and when to request accommodations.
- Will register with the Office for Students with Disabilities (OSD) each semester to receive accommodations.
- Might be required to communicate with faculty for accommodations, which specifically involve the faculty.
- Will present the OSD Accommodation Approval Notice to faculty when requesting accommodations that involve the faculty.

Office for Students with Disabilities

Requests for approval for reasonable accommodations should be directed to the Office for Students with Disabilities (OSD). Approved accommodations will be recorded on the OSD Accommodation Approval notice and provided to the student. Students are expected to adhere to OSD procedures for self-identifying, providing documentation and requesting accommodations in a timely manner.

Contact Information:

- Location: Azorsky Building – Room 105
- Phone: (724) 938-5781
- Fax: (724) 938-4599
- Email: osdmail@calu.edu
- Web Site: www.calu.edu (search “disability”)

I. Supportive Instructional Materials, e.g. library materials, web sites, etc.

JAMA. *AMA Manual of Style: A Guide for Authors and Editors*. 10th ed. New York, NY: Oxford University Press. 2009.

National Athletic Trainers’ Association Website. www.nata.org.

Pennsylvania Athletic Trainers’ Society Website. www.gopats.org.