

California University of Pennsylvania
University Course Syllabus
Department of Health Sciences
UCC Approval date: 10/16/2017

A. Protocol

Course Name: Research Project Capstone
Course Number: ATE 761
Credits: 3
Prerequisites: Enrollment in the PMSAT Program and ATE 760
Maximum Class Size (face-to-face): 30
Maximum Class Size (online): N/A

B. Objectives of the Course:

Upon completion of the course, students should be able to:

- 1) Appraise research findings in relationship to clinical relevancy.
- 2) Develop a research abstract suitable for a poster or oral presentation at a professional meeting.
- 3) Construct a research poster meeting the requirements of their professional membership organization.
- 4) Author a full research manuscript, on their individual research project, suitable for publication.
- 5) Interpret findings in regards to athletic training education or practice of clinical athletic training.

C. Catalog Description:

This course will serve as the capstone to the athletic training research sequence. Students will synthesize their research findings through a discussion of results allowing for dissemination. Students will defend their research through a formal presentation, prepare a manuscript suitable for publication to a professional journal and create an abstract and professional poster.

D. Outline of the Course:

Discussion of Research Findings

Organizing the Discussion of Results
Overgeneralization and Plagiarism
Use of Tables, Graphs and Figures
Limitations of Research
Suggestions for Future Research
Clinical Relevance and Applicability of Findings
Conclusion

Dissemination of Findings

Choosing the right journal for publication
Abstract Preparation and Submission
Oral Communication and Poster Presentations
Manuscript Preparations and Submission
Manuscript Acceptance, Revision Requests, Rejection

E. Teaching Methodology:

- 1) Traditional Classroom Methodology
Small group discussion, writing assignments, formal presentations, lecture
- 2) Online Methodology
N/A

F. Text

Arnold, Gansneder and Perrin *Research Methods in Athletic Training* F.A. Davis

ISBN0-8036-0778-4

G. Assessment Activities:

- 1) Traditional Classroom Assessment
Writing assignments, posters, abstracts, presentations, defense
- 2) Online Assessment N/A

H. Accommodations for Students with Disabilities:

OSD

Revised June 2015

STUDENTS WITH DISABILITIES

Students reserve the right to decide when to self-identify and when to request accommodations. Students requesting approval for reasonable accommodations should contact the Office for Students with Disabilities (OSD). Students are expected to adhere to OSD procedures for self-identifying, providing documentation and requesting accommodations in a timely manner.

Students will present the OSD Accommodation Approval Notice to faculty when requesting accommodations that involve the faculty.

Contact Information:

- Location: Carter Hall - G-35
- Phone: (724) 938-5781
- Fax: (724) 938-4599
- Email: osdmail@calu.edu
- Web Site: <http://www.calu.edu/osd>

I. Title IX Syllabus Addendum

**California University of Pennsylvania
Reporting Obligations of Faculty Members under Title IX
of the Education Amendments of 1972, 20 U.S.C. §1681, *et seq.***

California University of Pennsylvania and its faculty are committed to assuring a safe and productive educational environment for all students. In order to meet this commitment and to comply with the Title IX of the Education Amendments of 1972 and guidance from the Office of Civil Rights, the University requires faculty members to report incidents of sexual violence shared by students to the University's Title IX Coordinator, Dr. John A. Burnett, Special Assistant to the President for EEEEO, Office of Social Equity, South Hall 112, Burnett@calu.edu, 724-938-4014. The only exceptions to the faculty member's reporting obligation are when incidents of sexual violence are communicated by a student during a classroom discussion, in a writing assignment for a class, or as part of a University-approved research project. Faculty members are obligated to report sexual violence or any other abuse of a student who was, or is, a child (person under 18 years of age) when the abuse allegedly occurred to the person designated in the University protection of minors policy.

The University's information regarding the reporting of sexual violence and the resources that are available to victims of sexual violence is set forth at:

- **Office of Social Equity**, South Hall 112, 724-938-4014
 - Social Equity Home Page www.calu.edu/SocialEquity
 - Social Equity Policies www.calu.edu/SEpolicies

- Social Equity Complaint Form www.calu.edu/SEcomplaint
- **Counseling Center**, Carter Hall G53, 724-938-4056
- **End Violence Center**, Carter Hall G94, 724-938-5707
- **Student Affairs**, Natali Student Center 311, 724-938-4439
- **Wellness Center**, Carter Hall G53, 724-938-4232
- **Women's Center**, Natali Student Center 117, 724-938-5857
- **Threat Response Assessment and Intervention Team (T.R.A.I.T.) & Dept. of Public Safety & University Police**, Pollock Maintenance Building, 724-938-4299
 - **EMERGENCY:** From any on-campus phone & Dial **H-E-L-P** or go to any public pay phone & **Dial *1**. (*Identify the situation as an emergency and an officer will be dispatched immediately.)

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

Health Science Database in Library- <http://library.calu.edu/home>

AMA style manual- <http://www.amamanualofstyle.com/>

Zotero- <https://www.zotero.org/>

Centre for Evidence Based Medicine- www.cebm.net

SPSS tutorial sites- <https://www.spss-tutorials.com/basics/>

Purdue Online Writing Lab (OWL)- <https://owl.english.purdue.edu/owl/>

Professional literature sources: Journal of Athletic Training (<http://natajournals.org/?code=nata-site>),
 Medicine in Science and Sports (<http://journals.lww.com/acsm-msse/pages/default.aspx>), American Journal
 of Sports Medicine (<http://journals.sagepub.com/home/ajs>)

Physiotherapy Evidence Database (PEDRO) <https://www.pedro.org.au/>

Van Lunen, B., Hankemeier, D., & Welch, C. (2015). Evidence-Guided Practice: A Framework for Clinical Decision Making in Athletic Training. SLACK Inc.

Additional Information for Course Proposals

K. Proposed Instructors:

Any qualified Health Science faculty

L. Rationale for the Course:

This course will provide the culminating work from the athletic training research sequence. Students will analyze their research findings, prepare a manuscript suitable for professional publication, and disseminate their results.

M. Specialized Equipment or Supplies Needed:

None

N. Answer the following questions using complete sentences:

1) Does the course require additional human resources? (Please explain)

No

If Yes, click here to answer Question N1, above.

2) Does the course require additional physical resources? (Please explain)

No

If Yes, click here to answer Question N2, above.

- 3) Does the course change the requirements in any particular major? (Please explain)

No

This course is a part of the new/revised major, the professional master of science in athletic training.

- 4) Does the course replace an existing course in your program? (If so, list the course)

No

- 5) How often will the course be taught?

Annually in the spring semester.

- 6) Does the course duplicate an existing course in another Department or College? (If the possibility exists, indicate course discipline, number, and name)

No

Click here if the answer to Question N6, above is YES. Indicate the other discipline/department and the other course number and name.

- O. If the proposed course includes substantial material that is traditionally taught in another discipline, you must request a statement of support from the department chair that houses that discipline.

NA

- P. Please identify if you are proposing to have this course considered as a menu course for General Education. The General Education Committee must consider and approve the course proposal before consideration by the UCC.

No

Q. Approval Form

Provide the Approval Form (Signature Page) with the signatures of your department Chair AND college Dean (electronically).