

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

A. Protocol

Course Name: Examination of the Lower Extremity with Lab  
Course Number: ATE 635  
Credits: 3  
Prerequisites: Enrollment in the PMSAT Program and ATE 610  
Maximum Class Size (face-to-face): 30 lecture; 15 lab  
Maximum Class Size (online): NA

B. Objectives of the Course:

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

- 1) Identify the relationships between clinical signs and symptoms and orthopedic injuries and pathologies related to the lower extremity.
- 2) Identify common etiological factors contributing to injury including congenital and/or acquired structural and functional abnormalities, inherent anatomical biomechanical characteristics, and common injury mechanisms found in the lower extremity.
- 3) Conduct an examination of the lower extremity including history, inspection, palpation, functional testing, range of motion, selective tissue testing, manual muscle testing, sensory and motor neurological testing, etc. and formulate a plan of care
- 4) Interpret diagnostic imaging of the lower extremities.
- 5) Identify when proper referral is necessary.
- 6) Understand the concepts involved with joint relocation.
- 7) Use the International Classification of Functioning, Disability, and Health (ICF) as a framework for delivery of and communication about patient care.
- 8) Perform and/or obtain the necessary and appropriate diagnostic tests to facilitate diagnosis, referral, and treatment plan.

C. Catalog Description:

In this course, students will study the pathology, etiology, and diagnostic principles of common musculoskeletal disorders and orthopedic injuries of the lower extremity.

D. Outline of the Course:

Examination Process

Diagnostic Accuracy & Evidence-Based Practice

Foot & Toe Pathologies

Clinical Examination of the Foot & Toes

Ankle & Leg Pathologies

Clinical Examination of the Ankle & Leg

Knee Pathologies

Clinical Examination of the Knee

Patellofemoral Pathologies

Clinical Examination of the Patellofemoral Joint

Pelvis and Thigh Pathologies

Clinical Examination of the Pelvis and Thigh

Gait Analysis

E. Teaching Methodology:

- 1) Traditional Classroom Methodology  
Lecture, guest speakers, class discussion, demonstrations, readings.
- 2) Online Methodology  
NA

F. Text

Starkey, C. & Brown, S. 2015. Examination of Orthopedic & Athletic Injuries. Philadelphia, PA: FA Davis

G. Assessment Activities:

- 1) Traditional Classroom Assessment  
Exams, quizzes, homework assignments, online discussion posts, practical exams
- 2) Online Assessment  
NA

H. Accommodations for Students with Disabilities:

OSD

Revised June 2015

<b>STUDENTS WITH DISABILITIES</b>
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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](mailto:osdmail@calu.edu)
- Web Site: <http://www.calu.edu/osd>

I. Title IX Syllabus Addendum

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**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.**

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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](mailto: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](http://www.calu.edu/SocialEquity)
  - Social Equity Policies [www.calu.edu/SEpolicies](http://www.calu.edu/SEpolicies)
  - Social Equity Complaint Form [www.calu.edu/SEcomplaint](http://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.

NATA Position/Consensus Statements: <http://www.nata.org/news-publications/pressroom/statements>

Professional journal articles: Journal of Athletic Training, Athletic Therapy Today, American Family Physician, Journal of Bone & Joint Surgery, International Journal of Emergency Medicine, Cochrane Database Systematic Reviews, etc.

#### Additional Information for Course Proposals

K. Proposed Instructors:

Any qualified athletic training faculty, certified by the BOC and licensed as an athletic trainer by the state of PA.

L. Rationale for the Course:

The course will contain educational competencies (per accreditation standards) and critical knowledge and skill required of athletic trainers.

M. Specialized Equipment or Supplies Needed:

We currently own the following supplies, but would need to maintain/update as needed: Examination tables, goniometers, inclinometers, tape measures

The following items would need to be purchased (either we do not own the item or would not have a sufficient supply): inclinometers (also needed to ATE 610, 655 & 665)

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)

Yes

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

If Yes, click here to answer Question N4, above.

- 5) How often will the course be taught?

Each Fall

Click here to add text to qualify your selection for course timing, if necessary.

- 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).**