

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

A. Protocol

Course Name: Cadaver Anatomy Dissection
Course Number: ATE 600
Credits: 4
Prerequisites: Admission into the PMSAT Program
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 musculoskeletal structures of the pectoral and pelvic girdles and the extremities.
- 2) Describe vasculature and nerve innervation of the upper and lower extremities
- 3) Describe 3-dimensional relationships of vessels and nerves with respect to the musculature.
- 4) Correlate structural and functional aspects of the upper and lower extremities.

C. Catalog Description:

This course will entail dissection of a human cadaver including musculature, nerve innervation, and vascular supply of the extremities as well as the pectoral and pelvic girdles.

D. Outline of the Course:

Shoulder musculature
Axilla and brachial plexus
Anatomical and physiological joints
Brachium and elbow
Forearm musculature
Radial and ulnar arteries
Wrist
Hand- blood supply and musculature
-spaces, joints, and nerve supply
Pelvic girdle
Hip- postaxial gluteal muscles
Preaxial gluteals and lumbosacral plexus
Femoral muscles
Vasculature- hip, thigh, popliteal fossa
Knee and lower leg
Vasculature and nerve innervation of the lower leg and foot
Lower leg compartments
Foot and ankle

E. Teaching Methodology:

- 1) Traditional Classroom Methodology
Lecture: Power point slides, handouts, drawings, and models.
Lab: Human cadaver dissection to identify the structures discussed in lecture.
- 2) Online Methodology
NA

F. Text

Atlas of Human Anatomy, 6th ed, F. H. Netter, Icon Learning Systems, New Jersey, 2014.

G. Assessment Activities:

- 1) Traditional Classroom Assessment
Exams, quizzes, and homework assignments.
- 2) Online Assessment
NA

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.

Gray's Anatomy for Students, 3rd ed., R. L. Drake, A. W. Vogl and A. W. M. Mitchell, Churchill Livingstone, Philadelphia, 2015.

Clinically Oriented Anatomy, 7th ed., K. L. Moore, A. M. Agur and A. F. Dalley, Lippincott Williams & Wilkins, Baltimore, 2014.

Human Anatomy, 7th ed., E. N. Marieb, P. B. Wilhelm, and J. B. Mallatt, Pearson, New York, 2014.

Textbook of Anatomy, 5th ed., W. H. Hollinshead, C. Rosse and P. Gaddum-Rosse, Harper & Row Publishers, New York, 1997.

Color Atlas of Anatomy, 7th ed., J.W. Rohen, C. Yokochi, and E. Lutjen-Drecoll., Lippincott Williams & Wilkins, Baltimore, 2011.

Anatomy: A Regional Atlas of the Human Body, C.D. Clemente, Lippincott Williams & Wilkins, Baltimore, 2011.

Additional Information for Course Proposals

K. Proposed Instructors:

Any qualified faculty within the Health Science and/or Biology Departments.

L. Rationale for the Course:

This course will give students a hands-on, inside look at the anatomy of the human body. This learning opportunity will provide a solid foundation for the following coursework.

M. Specialized Equipment or Supplies Needed:

The following are disposable items that would need to be ordered annually (these supplies/equipments are already budgeted for through the the graduate program's budget): Human cadaver specimens, Gloves, Scalpels, Dissection scissors (4 ½"), Surgical scissors (5 ½"), Metal probes, Curved forceps, Lab coats/aprons, Straight forceps

The following items would need to be purchased (either we do not own the item or would not have a sufficient supply): Bone saw and blades

*note: If more than 20 students enroll in this course, additional cadaver specimens will need to be purchased.

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

The lab space to conduct this course already exists, but will need to be updated and maintained as needed.

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)

Yes

This course exists as ATE 700. This change request is to update and revise the content and change the course name/number.

5) How often will the course be taught?

Every Summer

[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).