

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

A. Protocol

Course Name: Emergency Care with Lab
Course Number: ATE 615
Credits: 3
Prerequisites: Enrollment in 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) Demonstrate knowledge of professional responsibilities of the athletic trainer and various health care professionals as they relate to acute care of injured patients.
- 2) Demonstrate skills associated with primary and secondary assessments of an injured patient.
- 3) Demonstrate proper management of acute medical emergencies associated with the viscera, respiratory system, cardiac system, and neurological system.
- 4) Demonstrate proper management of acute and emergency musculoskeletal injuries.
- 5) Demonstrate proper assessment of vital signs and equipment used to conduct vital sign assessment
- 6) Demonstrate the appropriate referral protocol in a given emergency scenario.
- 7) Demonstrate the use of various assessment tools used for assessing vital signs in an emergency situation.
- 8) Demonstrate knowledge of and be able to manage internal and external bleeding.
- 9) Execute the management of a patient suffering from shock.
- 10) Differentiate between and manage different environmental conditions as they relate to acute medical pathology.
- 11) Demonstrate appropriate immobilization and transportation of an injured patient and provide rationale for these decisions.
- 12) Provide education to the patient/athlete related to the management of drugs used for emergency medical pathologies
- 13) Understand the components of an Emergency Action Plan.

C. Catalog Description:

The course focuses on the knowledge and skills necessary for the immediate management of musculoskeletal, cardiovascular, and neurological trauma. Students will develop the knowledge and skills necessary to differentiate between - and provide proper care for - pathologies ranging from minor to potentially catastrophic.

D. Outline of the Course:

Emergency Action Planning
Integrating the Athletic Trainer and EMS
Primary and secondary assessment
Rescue Breathing and CPR/AED
LAB: Suction/Oxygen/Adjunct Airways
Airway and Cardiac Emergencies
Bleeding and Wound Care (Shock/Burns)
-Tourniquets
Fractures & Soft Tissue Injuries
Injuries to the Extremities: Sling and Binder
Head and Spinal Injuries
- Patient Transportation and Spine Boarding
- Equipment management
Chest, Abdominal, and Pelvic Injuries
Heat Related Emergencies

-Core body temperature
Environmental Emergencies
Allergic Reactions and Poisons
Asthma
Sickle cell
Seizures
General Medical Emergencies
Overdose
Narcan
Mental Health Emergencies

E. Teaching Methodology:

- 1) Traditional Classroom Methodology
Lectures, demonstrations, discussion, video/audio, laboratory
- 2) Online Methodology
N/A

F. Text

Required

Miller, M. D. & Berry, D. (2016). *Emergency Response Management for Athletic Trainers*. 2nd Edition. Lippincott Williams & Wilkins, a Wolters Kluwer; Baltimore, MD.

Recommended

Gorse, K., et. al. *Emergency Care in Athletic Training*. Philadelphia, PA: FA Davis.

American Academy of Orthopaedic Surgeons. *Emergency Medical Responder* (5th ed.). Jones and Bartlett; Burlington, MA.

American Academy of Orthopaedic Surgeons. *Emergency Care and Transportation of the Sick and Injured* (Enhanced 10th ed.). Jones and Bartlett: Burlington, MA.

G. Assessment Activities:

- 1) Traditional Classroom Assessment
Exams, lab practical, skill demonstrations, class participation
- 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.

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

Professional literature: 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.

Pennsylvania Emergency Health Services Council (pehsc.org)

Pennsylvania Department of Health Statewide EMS Protocols (health.pa.gov)

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:

This course contains numerous Athletic Training Educational Competencies that are required components of the curriculum. The content of the course is critical knowledge for an athletic trainer to provide lifesaving care in an emergency situation.

M. Specialized Equipment or Supplies Needed:

We currently own the following supplies, but would need to maintain/update as needed: Spine boards, cervical collars, practice epi-pens, splints, slings, swatches, tourniquets, suction, oxygen, airway adjuncts, practice AEDs, equipment removal tools (electric screw drivers, pruning shears, "trainers' angels," quick release tools, etc), CPR masks, manikins

The following are disposable items that would need to be ordered annually: wound care supplies (gauze, gloves, steri strips etc)

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)

Yes

The course requires adequate lab space and supplies (as listed in Section M).

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).