

HED M05: FIRST AID, CPR, AED & EMERGENCY PROCEDURES

Originator

dfriedlander

Co-Contributor(s)**Name(s)**

Friedlander, Deena (dfriedlander)

Stuart, Michael (michael_stuart2)

Black, Adam (ablack)

Manakas, Vance (vmanakas)

College

Moorpark College

Discipline (CB01A)

HED - Health Education

Course Number (CB01B)

M05

Course Title (CB02)

First Aid, CPR, AED & Emergency Procedures

Banner/Short Title

First Aid, CPR, & Emer Proced

Credit Type

Credit

Start Term

Spring 2021

Catalog Course Description

Introduces the background knowledge and practical skills necessary for rendering assistance in emergency and sudden illness First Aid situations. Evaluates lifestyle for health and safety concerns and sets appropriate personal goals for achieving a safer and healthier lifestyle.

Additional Catalog Notes

A \$9.00 materials fee will be assessed at registration for Emergency Care and Safety Institute (ECSI) Certification for Adult CPR & AED, and Child and Infant CPR.

Taxonomy of Programs (TOP) Code (CB03)

0837.00 - Health Education

Course Credit Status (CB04)

D (Credit - Degree Applicable)

Course Transfer Status (CB05) (select one only)

A (Transferable to both UC and CSU)

Course Basic Skills Status (CB08)

N - The Course is Not a Basic Skills Course

SAM Priority Code (CB09)

E - Non-Occupational

Course Cooperative Work Experience Education Status (CB10)

N - Is Not Part of a Cooperative Work Experience Education Program

Course Classification Status (CB11)

Y - Credit Course

Educational Assistance Class Instruction (Approved Special Class) (CB13)

N - The Course is Not an Approved Special Class

Course Prior to Transfer Level (CB21)

Y - Not Applicable

Course Noncredit Category (CB22)

Y - Credit Course

Funding Agency Category (CB23)

Y - Not Applicable (Funding Not Used)

Course Program Status (CB24)

1 - Program Applicable

General Education Status (CB25)

Y - Not Applicable

Support Course Status (CB26)

N - Course is not a support course

Field trips

Will not be required

Grading method

(L) Letter Graded

Alternate grading methods

(O) Student Option- Letter/Pass

Does this course require an instructional materials fee?

Yes

Fee Amount

\$9.00

What personal property or material does the student need that the fee pays for?

The student fee pays for the CPR/First Aid card through ECSI, printing/color ink costs, replacement lungs for the manikins, and manikin/AED supplies.

Identify a specific course objective that cannot be met but for the use of the materials at issue.

Describe and demonstrate adult, child, and infant cardiopulmonary resuscitation and the use of an AED (automated external defibrillator).

Describe how the material has continuing value outside the classroom.

Student will use hands on learning to demonstrate their CPR/First Aid skills to earn certification and to be prepared for emergencies in their home, school, and communities.

Is the amount of materials the students must supply, or the amount that they receive in exchange for the fee that is charged, consistent with the amount of material necessary to meet the required objectives of the course?

Yes

If students pay a fee rather than furnishing their own materials, why do they have to pay a fee rather than supply the materials themselves? Is the district/college the only source of the materials? If not, is there a health or safety reason for the district/college to supply the materials? If not, will the district/college supply the materials more cheaply than they can be obtained elsewhere, AND at the district's/college's actual cost?

The CPR supplies are ordered by the Department and instructors who teach the course are performing manikin maintenance every semester to replace lungs in all manikins, clean the manikins, and to ensure that the manikins and all supplies are in good working order. The CPR/First Aid card through ECSI needs to be approved by the instructor and ordered by the instructor.

Specify the month and year in which the fee amount, or list of material provided, was reviewed by the host department to ensure that the preceding standards continue to be met.

September 2020

Repeatable for Credit

No

Is this course part of a family?

No

Units and Hours

Carnegie Unit Override

No

In-Class

Lecture

Minimum Contact/In-Class Lecture Hours

52.5

Maximum Contact/In-Class Lecture Hours

52.5

Activity

Laboratory

Total in-Class

Total in-Class

Total Minimum Contact/In-Class Hours

52.5

Total Maximum Contact/In-Class Hours

52.5

Outside-of-Class

Internship/Cooperative Work Experience

Paid

Unpaid

Total Outside-of-Class

Total Outside-of-Class

Minimum Outside-of-Class Hours

105

Maximum Outside-of-Class Hours

105

Total Student Learning

Total Student Learning

Total Minimum Student Learning Hours

157.5

Total Maximum Student Learning Hours

157.5

Minimum Units (CB07)

3

Maximum Units (CB06)

3

Student Learning Outcomes (CSLOs)**Upon satisfactory completion of the course, students will be able to:**

- | | |
|---|--|
| 1 | describe adult, child, and infant cardiopulmonary resuscitation and the use of an AED. |
| 2 | identify the key components of CPR and blocked airway procedures. |
| 3 | describe the basic components of health and wellness. |

Course Objectives**Upon satisfactory completion of the course, students will be able to:**

- | | |
|---|---|
| 1 | describe and demonstrate assessment of a victim's injuries and medical emergencies and how the emergency action plan would be applied. |
| 2 | describe the signs and symptoms associated with common medical emergencies and demonstrate the first aid care that is needed in common medical emergencies. |
| 3 | describe and demonstrate adult, child, and infant cardiopulmonary resuscitation and the use of an AED (automated external defibrillator). |
| 4 | describe and demonstrate care procedures for soft tissue, burns, and extremity injuries. |
| 5 | discuss and demonstrate bandaging and splinting techniques. |
| 6 | describe and demonstrate emergency rescue techniques. |
| 7 | evaluate their lifestyle for health and safety concerns and set appropriate personal goals for achieving a safer and healthier lifestyle. |

Course Content**Lecture/Course Content**

1. **(30%) Musculoskeletal injuries.**
 - a. Head, spine, bone, and joint.
2. **(70%) Health lifestyles and safety measures.**
 - a. People with special needs: bandaging, splinting, immobilization, and rescue techniques.
 - b. Poisoning: basic, food, bites, and stings.
 - c. Wounds and infections: identification, prevention, and treatment.
 - d. Bleeding, shock, and anaphylaxis.
 - e. Basic life support procedures; artificial ventilation, blocked airway, choking, Cardiopulmonary Resuscitation (CPR), and Automated External Defibrillator (AED).
 - f. Legal aspects of first aid.
 - g. Sudden illness situations: heart problems, stroke, diabetic, asthma, seizures.
 - h. Burns: thermal, chemical, electrical, and radiation.
 - i. Head, chest, and abdominal injuries.
 - j. Body systems Emergency action procedures and victim assessment.

Laboratory or Activity Content

n/a

Methods of Evaluation**Which of these methods will students use to demonstrate proficiency in the subject matter of this course? (Check all that apply):**

Problem solving exercises
 Skills demonstrations
 Written expression

Methods of Evaluation may include, but are not limited to, the following typical classroom assessment techniques/required assignments (check as many as are deemed appropriate):

Classroom Discussion

Clinical demonstration
Essay exams
Oral analysis/critiques
Objective exams
Other (specify)
Projects
Problem-solving exams
Participation
Reports/Papers/Journals
Reports/papers
Skills demonstrations
Simulations

Other

Online Discussion with a Case Study Analysis

Instructional Methodology**Specify the methods of instruction that may be employed in this course**

Audio-visual presentations
Computer-aided presentations
Collaborative group work
Clinical demonstrations
Class activities
Class discussions
Case studies
Distance Education
Demonstrations
Group discussions
Instructor-guided interpretation and analysis
Internet research
Lecture
Role-playing
Small group activities

Describe specific examples of the methods the instructor will use:

The instructor will use PowerPoint presentations, recorded lectures, skill demonstration, and course content within the Canvas shell. The skills demonstration component of class will be performed as a group in a live format.

Representative Course Assignments**Writing Assignments**

1. Assessments of their lifestyle for health and safety concerns.
2. First aid scenarios demonstration requiring a written report. Student must analyze factors such as: scene safety, type of emergency, and/or number of victims to determine what action is warranted.

Critical Thinking Assignments

1. Evaluation of emergency scenarios in which students must analyze site safety, type of emergency, injuries, resources available, treatment required, and demonstrate care given.
2. Development of a home first aid kit and home emergency and safety plans which reflect their family's needs and lifestyle.
3. Assessment of life support problems, development of an emergency action plan, and demonstration of procedures.

Reading Assignments

1. Assigned reading of techniques for CPR.
2. Assigned reading from online resources.

Skills Demonstrations

1. Live demonstration of practical skills such as CPR and Severe Airway Obstruction for adult, child, and infant, bandaging and splinting practical.
2. AED demonstration for adult, child, and infant.

Outside Assignments

Representative Outside Assignments

1. Develop a home First Aid Kit.
2. Discuss Posts on typical first aid situations.
3. Analyze content from Canvas shell including recorded lectures, instructional videos, and informational pages.
4. Read Internet or other online articles reviewing current discussion topics.
5. Practice for practical demonstrations of first aid, CPR, and choking techniques.

Articulation

C-ID Descriptor Number

KIN 101

Status

Approved

Equivalent Courses at 4 year institutions

University	Course ID	Course Title	Units
CSU Northridge	HSCI 170	Emergency Health Procedures	2
CSU Dominguez Hills	KINE 218	First Aid and Cardiopulmonary Resuscitation	3
CSU Long Beach	KIN 210	Advanced Emergency Care	3

Comparable Courses within the VCCCD

HED R105 - CPR, AED, First Aid, and Personal Safety

KIN V80 - First Aid, Safety, AED, and CPR for the Professional

Equivalent Courses at other CCCs

College	Course ID	Course Title	Units
Riverside City College	KIN 30	First Aid and CPR	3
Citrus College	KIN 177	First Aid-Responding to Emergencies	3

District General Education

A. Natural Sciences

B. Social and Behavioral Sciences

C. Humanities

D. Language and Rationality

E. Health and Physical Education/Kinesiology

E1. Health Education

Approved

F. Ethnic Studies/Gender Studies

Course is CSU transferable

Yes

CSU Baccalaureate List effective term:

F1995

CSU GE-Breadth**Area A: English Language Communication and Critical Thinking****Area B: Scientific Inquiry and Quantitative Reasoning****Area C: Arts and Humanities****Area D: Social Sciences****Area E: Lifelong Learning and Self-Development****E Lifelong Learning and Self-Development**

Approved

Area F: Ethnic Studies**CSU Graduation Requirement in U.S. History, Constitution and American Ideals:****IGETC****Area 1: English Communication****Area 1A: English Composition**

Approved

Area 2A: Mathematical Concepts & Quantitative Reasoning**Area 3: Arts and Humanities****Area 4: Social and Behavioral Sciences****Area 5: Physical and Biological Sciences****Area 6: Languages Other than English (LOTE)****Textbooks and Lab Manuals****Resource Type**

Textbook

Classic Textbook

Yes

DescriptionThygerson, Alton L., and Steven M. Thygerson. *First Aid, CPR and AED. Advanced*. 7th ed., Jones and Bartlett Learning, 2017.**Resource Type**

Textbook

DescriptionAmerican Red Cross. *First Aid/CPR/AED Participant's Manual*. 3rd ed., StayWell, 2017.**Resource Type**

Textbook

DescriptionAmerican Red Cross. *Responding to Emergencies: Comprehensive First Aid/CPR/AED*. StayWell, 2017.

Library Resources

Assignments requiring library resources

Research using the Library's print and online resources, as well as reputable Internet sources.

Sufficient Library Resources exist

Yes

Example of Assignments Requiring Library Resources

Access library resources to locate and read articles reviewing current discussion topics relating to first aid, CPR and emergency procedures.

Distance Education Addendum

Definitions

Distance Education Modalities

Hybrid (51%–99% online)

Hybrid (1%–50% online)

100% online is a temporary emergency approval ONLY

Faculty Certifications

Faculty assigned to teach Hybrid or Fully Online sections of this course will receive training in how to satisfy the Federal and state regulations governing regular effective/substantive contact for distance education. The training will include common elements in the district-supported learning management system (LMS), online teaching methods, regular effective/substantive contact, and best practices.

Yes

Faculty assigned to teach Hybrid or Fully Online sections of this course will meet with the EAC Alternate Media Specialist to ensure that the course content meets the required Federal and state accessibility standards for access by students with disabilities. Common areas for discussion include accessibility of PDF files, images, captioning of videos, Power Point presentations, math and scientific notation, and ensuring the use of style mark-up in Word documents.

Yes

Regular Effective/Substantive Contact

Hybrid (1%–50% online) Modality:

Method of Instruction	Document typical activities or assignments for each method of instruction
Other DE (e.g., recorded lectures)	Instructor may record the lectures and post them for students to view within a specified time frame to be ready for the accompanying assignments and discussions. Instructor may also post a video or link to a video for students to view within a specified time frame to complete accompanying assignments and discussions.
Asynchronous Dialog (e.g., discussion board)	Instructor will post discussions for students to post their thoughts and reflections. Students will also have to respond to a minimum of two classmates. Instructor will email students with announcements about the course or an upcoming event. Students in turn may email the instructor with their questions or concerns.
E-mail	Instructor will email students with announcements about the course or an upcoming event. Students in turn may email the instructor with their questions or concerns. Students will email their programs and projects to the instructor.
Face to Face (by student request; cannot be required)	Students will have the option to meet the instructor to get one-on-one help. Help may include lecture clarification, review of assignments, and extra preparation for exams.
Synchronous Dialog (e.g., online chat)	Instructor may be available on a certain day or days of the week within a certain time frame to help students and answer their questions via an online chat or video conferencing technology.

Video Conferencing	Instructor may be available on a certain day or days of the week within a certain time frame to help students and answer their questions via live video conferencing. Furthermore, the instructor may lead an online lecture during a consistent time frame via Zoom or any other video conferencing tool.
Telephone	Instructor may provide a phone number for the students where they can leave a voicemail and expect a call back within 24 hours.
Hybrid (51%–99% online) Modality:	
Method of Instruction	Document typical activities or assignments for each method of instruction
Other DE (e.g., recorded lectures)	Instructor may record the lectures and post them for students to view within a specified time frame to be ready for the accompanying assignments and discussions. Instructor may also post a video or link to a video for students to view within a specified time frame to complete accompanying assignments and discussions. Live Skills Certification class Recorded Lectures ECSI Instructional Videos Online Assignments
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Telephone	Instructor may provide a phone number for the students where they can leave a voicemail and expect a call back within 24 hours.
100% online Modality:	
Method of Instruction	Document typical activities or assignments for each method of instruction
Other DE (e.g., recorded lectures)	Instructor may record the lectures and post them for students to view within a specified time frame to be ready for the accompanying assignments and discussions. Instructor may also post a video or link to a video for students to view within a specified time frame to complete accompanying assignments and discussions.
Asynchronous Dialog (e.g., discussion board)	Instructor will post discussions for students to post their thoughts and reflections. Students will also have to respond to a minimum of two classmates. Instructor will email students with announcements about the course or an upcoming event. Students in turn may email the instructor with their questions or concerns.
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Examinations

Hybrid (1%–50% online) Modality

Online

Hybrid (51%–99% online) Modality

Online

Primary Minimum Qualification

HEALTH

Review and Approval Dates

Department Chair

9/30/3030

Dean

10/14/2020

Technical Review

10/15/2020

Curriculum Committee

10/20/2020

DTRW-I

MM/DD/YYYY

Curriculum Committee

MM/DD/YYYY

Board

MM/DD/YYYY

CCCCO

11/18/2020

Control Number

CCC000431351

DOE/accreditation approval date

MM/DD/YYYY