

EMR 386: PUBLIC SAFETY FIRST AID

Originator

chwilson

Justification / Rationale

Textbook Update

Effective Term

Spring 2024

Credit Status

Noncredit

Subject

EMR - Emergency Medical Responder

Course Number

386

Full Course Title

Public Safety First Aid

Short Title

PS FIRST AID

Discipline**Disciplines List**

Emergency Medical Technologies

Modality

Face-to-Face

Hybrid

Catalog Description

This course will provide Basic Life Support (BLS) skills in patient assessment, bleeding control, muscular-skeletal injuries, respiratory emergencies, cardiopulmonary resuscitation (CPR) and automated external defibrillator (AED). The course complies with California Health and Safety Code, Division 2.5, CCR Title 22, Division 9 and American Heart Association (AHA). A Public Safety First Aid (PSFA) Certificate and BLS CPR/AED cards will be issued upon completion. Public Safety First Aid is the recognition of and immediate care for injury or sudden illness, including medical emergencies, by public safety personnel prior to the availability of medical care by licensed or certified health care professionals. PSFA is used by lifeguards, firefighter and peace officers. This course meets the prerequisite for the Cal Fire Basic Wildland Academy. A \$12.50 fee is required for the BLS certificate.

Schedule Description

This course meets the prerequisite for the Cal Fire Basic Wildland Academy and also used by lifeguards, firefighters, peace officers and other careers that require basic first aid and CPR/AED. A \$12.50 fee is required for the BLS certificate.

Total Non-Credit Contact Hours

54

In-class Hours

36

Out-of-class Hours

18

Total Course Units

0

Total Semester Hours

54

Override Description

Non-credit Override

Required Text and Other Instructional Materials**Resource Type**

Book

Formatting Style

APA

Author

American College of Emergency Physicians

Title

First Aid, CPR and AED Advanced

Edition

8th

City

Burlington

Publisher

Jones Bartlett

Year

2022

College Level

Yes

ISBN #

978-1-284234367

Class Size Maximum

30

Course Content

The content of the training course shall include recognition and basic first aid level treatment of at least the following topics and shall be competency-based:

Role of the public safety first aid provider;

Personal safety;

Scene size-up.

Body substance isolation, including removing contaminated gloves;

Legal considerations;

Emergency Medical Services (EMS) access;

Integration with EMS personnel to include active shooter incidents;

Minimum equipment and first aid kits.

Heart attack and sudden cardiac arrest;

Respiratory and circulatory systems;

Heart attack;

Sudden cardiac arrest and early defibrillation;

Chain of survival.

Recognition and identification of adult and pediatric patients for both medical and traumatic emergencies;

Performing a primary assessment;

Performing a secondary assessment;

Obtaining a patient history.

Medical emergencies;

Pain, severe pressure, or discomfort in chest;

Breathing difficulties, including asthma and COPD;

Allergic reactions and anaphylaxis;

Altered mental status

Stroke;

Diabetic emergencies;

Administration of oral glucose.

Seizures;

Alcohol and drug emergencies;

Assisted naloxone administration and accessing EMS.

Severe abdominal pain;

Obstetrical emergencies.

Burns;

Thermal burns;

Chemical burns;

Electrical burns.

Facial injuries;

Objects in the eye;

Chemical in the eye;

Nosebleed;

Dental emergencies.

Environmental emergencies;

Heat emergencies;

Cold emergencies;

Drowning.

Bites and stings;

Insect bites and stings;

Animal and human bites;

Assisted administration of epinephrine auto-injector and accessing EMS.

Poisoning;

Ingested poisoning;

Inhaled poisoning;

Exposure to chemical, biological, radiological, or nuclear (CBRN) substances;

Recognition of exposure;

Scene safety.

Poison control system.

Identify signs and symptoms of psychological emergencies.

Patient movement;

Emergency movement of patients;

Lifts and carries which may include: using soft litters and manual extractions including fore/aft, side-by-side, shoulder/belt.

Tactical and rescue first aid principles applied to violent circumstances;

Principles of tactical casualty care;

Determining treatment priorities.

Orientation to the EMS system, including:

9-1-1 access;

Interaction with EMS personnel;

Identification of local EMS and trauma systems.

Trauma emergencies;

Soft tissue injuries and wounds;

Amputations and impaled objects;
 Chest and abdominal injuries;
 Review of basic treatment for chest wall injuries;
 Application of chest seals.
 Head, neck, or back injury;
 Recognition of signs and symptoms of shock;
 Basic treatment of shock;
 Importance of maintaining normal body temperature.
 Internal bleeding;
 Control of bleeding, including direct pressure, tourniquet, hemostatic dressings, chest seals and dressings;
 Training in the use of hemostatic dressings shall result in competency in the application of hemostatic dressings. Included in the training shall be the following topics and skills:
 Review of basic methods of bleeding control to include but not be limited to direct pressure, pressure bandages, tourniquets, and hemostatic dressings and wound packing;
 Types of hemostatic dressings.
 CPR and AED for adults, children, and infants, following current AHA Guidelines for CPR and ECC at the Healthcare provider level;
 Basic airway management;
 Rescue breathing;
 Mouth-to-mouth;
 Spinal immobilization;
 Musculoskeletal trauma and splinting;
 Mouth-to-mask;
 Bag-valve-mask (BVM).
 Chest compressions and CPR/AED;
 Basic AED operation;
 Using the AED;
 Troubleshooting and other considerations.
 Single rescuer CPR/AED on adult, child and infant;
 Two rescuer CPR/AED on adult, child and infant;
 Recovery position.
 Management of foreign body airway obstruction on adults, children, and infants;
 Conscious patients;
 Unconscious patients.

Course Objectives

Objectives	
Objective 1	The student will be able to recognize and immediate care for injury or sudden illness, including medical emergencies.

Student Learning Outcomes

Upon satisfactory completion of this course, students will be able to:	
Outcome 1	Meet or exceed the requirements necessary to successfully to complete the Public Safety First Aid course as specified under California Health and Safety Code, Division 2.5, CCR Title 22, Division 9
Outcome 2	Demonstrate proficiency in skills necessary for assessment and management of various emergency situations as specified under California Health and Safety Code, Division 2.5, CCR Title 22, Division 9

Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Activity	In-class- instructor modeled practical skills followed by instructor-guided interpretations.
Discussion	Instructor- lead discussion groups where students analyze and interpret case studies.

Role Playing

Group projects in class where students role-play in assigned roles as team leaders and team members demonstrating proficiency.

Methods of Evaluation

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
Oral and practical examination	Evaluation of knowledge of skills through practical evaluation.	In Class Only
Tests/Quizzes/Examinations	Evaluation of content, terminology, and knowledge of subject matter. A midterm and final exam will be taken in class. Approximately 10-20 timed quizzes with feedback.	In and Out of Class
Other	Out-of-class hours will be accounted for electronically through the learning management system.	Out of Class Only

Assignments

Other In-class Assignments

1. Participate in practical skills practice and exam.
2. Participate in class discussions.
3. Written final exam.

Other Out-of-class Assignments

1. Complete review questions and critical thinking exercises for assigned chapters.
2. Complete approximately 10-20 quizzes
3. Read approximately 10-20 chapters assigned over the length of the course
4. View assigned videos

Grade Methods

Pass/No Pass Only

Distance Education Checklist

Include the percentage of online and on-campus instruction you anticipate.

Online %

70

On-campus %

30

What will you be doing in the face-to-face sections of your course that necessitates a hybrid delivery vs a fully online delivery?

Students are required to complete CPR and skills

Instructional Materials and Resources

If you use any other technologies in addition to the college LMS, what other technologies will you use and how are you ensuring student data security?

Khan Academy, Kahoot and Quizlet.

If used, explain how specific materials and resources outside the LMS will be used to enhance student learning.

Students will create accounts and passwords that are unique to them and not shared with classmates or instructors. The technologies will enhance student learning through repetition.

Effective Student/Faculty Contact

Which of the following methods of regular, timely, and effective student/faculty contact will be used in this course?

Within Course Management System:

Online quizzes and examinations

Regular virtual office hours
Timely feedback and return of student work as specified in the syllabus

External to Course Management System:

Direct e-mail
Posted audio/video (including YouTube, 3cm mediasolutions, etc.)
Telephone contact/voicemail

For hybrid courses:

Scheduled Face-to-Face group or individual meetings

Briefly discuss how the selected strategies above will be used to maintain Regular Effective Contact in the course.

Timely return of assignments with instructor comments; discussion questions with substantive instructor participation; timed quizzes with feedback.

If interacting with students outside the LMS, explain how additional interactions with students outside the LMS will enhance student learning.

Students will create accounts and passwords that are unique to them and not shared with classmates or instructors. The technologies will enhance student learning through repetition.

Other Information**MIS Course Data****CIP Code**

51.0904 - Emergency Medical Technology/Technician (EMT Paramedic).

TOP Code

125000 - Emergency Medical Services

SAM Code

C - Clearly Occupational

Basic Skills Status

Not Basic Skills

Prior College Level

Not applicable

Cooperative Work Experience

Not a Coop Course

Course Classification Status

Other Non-credit Enhanced Funding

Approved Special Class

Not special class

Noncredit Category

Short-Term Vocational

Funding Agency Category

Not Applicable

Program Status

Program Applicable

Transfer Status

Not transferable

Allow Audit

Yes

Repeatability

Yes

Repeatability Limit

NC

Repeat Type

Noncredit

Justification

Noncredit courses are repeatable until students achieve the skills and knowledge required to meet the outcomes and objectives of the course.

Materials Fee

Yes

Total Material Fees

\$12.50

Itemized Material Fee List

Cost Per Item	Total Cost	Fee Description
\$12.50	\$12.50	Basic Life Support (BLS) certificate

Per Education Code section 76365 and Title 5 regulations, please describe how the required material(s) meets the following.

Required Material Description

Basic Life Support (BLS) certificate is required course training by California Health and Safety Code, Division 2.5, CCR Title 22, Division 9

Tangible personal property?

Yes

Owned or controlled by the student?

Yes

Solely available from the district?

No. BLS certificate instruction is required by

Additional Fees?

No

Files Uploaded**Attach relevant documents (example: Advisory Committee or Department Minutes)**

EMS Advisory Minutes April 2019 (1) (1).docx

Approvals**Curriculum Committee Approval Date**

03/07/2023

Academic Senate Approval Date

03/09/2023

Board of Trustees Approval Date

04/21/2023

Chancellor's Office Approval Date

01/10/2020

Course Control Number

CCC000611585

Programs referencing this courseEmergency Medical Responder Intermediate Certificate of Completion (<http://catalog.collegeofthedesert.eduundefined/?key=290>)