

# KINE 302: ADVANCED CPR AND AED

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Date Submitted: Wed, 17 Jul 2019 18:09:06 GMT

**Originator**

mdillon

**Justification / Rationale**

Code alignment project recommendation: change SAM codes.

**Effective Term**

Spring 2020

**Credit Status**

Noncredit

**Subject**

KINE - Kinesiology

**Course Number**

302

**Full Course Title**

Advanced CPR and AED

**Short Title**

ADVANCED CPR/AED

**Discipline****Disciplines List**

Kinesiology

Vocational (short-term): Noncredit

**Modality**

Face-to-Face

**Catalog Description**

This course is designed to prepare students with retraining opportunities in advanced skills and knowledge necessary to apply Cardiopulmonary Resuscitation (CPR) in emergency settings for infants, children and adults as well as being skilled in the application and procedure of an Automatic External Defibrillator (AED). The course content is in alignment with the American Heart Association. This course is the second course of a two course certificate providing valuable retraining for job opportunities. The American Heart Association certificate fees are required of each student that successfully completes this two course certificate for Advanced First Aid and Safety, CPR/AED.

**Schedule Description**

This course is designed to prepare students with retraining opportunities in advanced skills and knowledge necessary to apply Cardiopulmonary Resuscitation (CPR) in emergency settings for infants, children and adults as well as being skilled in the application and procedure of an Automatic External Defibrillator (AED). The course content is in alignment with the American Heart Association. This course is the second course of a two course certificate providing valuable retraining for job opportunities. Students receive a Pass/No Pass grade mark. Prerequisite: KINE 301

**Lecture Units**

0

**Lecture Semester Hours**

4

**Lab Units**

0

**In-class Hours**

4

**Out-of-class Hours**

8

**Total Course Units**

0

**Total Semester Hours**

12

**Prerequisite Course(s)**

KINE 301

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

Book

**Author**

American Heart Association

**Title**

Basic Life Support Provider Manual

**Publisher**

First American Heart Association

**Year**

2016

**ISBN #**

10-1616694074

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**Class Size Maximum**

30

**Course Content**

1. Develop emergency action plans in various different settings
2. Procedures for examinations and skill practice
3. Victim assessment and skill practice
4. Demonstrate and skill practice of cardiopulmonary resuscitation for infants, children and adults
5. Demonstrate and practice how to use automatic external defibrillators
6. Advanced emergency case studies
7. Cardiac emergencies for infants and skill practice
8. Cardiac emergencies for children and skill practice
9. Cardiac emergencies for adults and skill practice

**Course Objectives**

	Objectives
Objective 1	Assess victims of injury and medical emergencies and apply action plans in emergencies.
Objective 2	Demonstrate appropriate technique in cardiopulmonary resuscitation in infants, children and adults.
Objective 3	Demonstrate appropriate application and procedure in use of Automatic External Defibrillator.
Objective 4	Explain victim assessment protocol.
Objective 5	Recognize and learn how to respond to critical situations that require the use of CPR or AED.

**Student Learning Outcomes**

	Upon satisfactory completion of this course, students will be able to:
Outcome 1	Demonstrate advanced knowledge, skills and techniques in CPR and Automated External Defibrillator.

**Methods of Instruction**

Method	Please provide a description or examples of how each instructional method will be used in this course.
Individualized Study	Students will read from the required text book and power point slides on CPR and AED techniques.
Discussion	In-class discussions on relevant CPR and AED topics and current research on best practices in the field of emergency response.
Collaborative/Team	Students work in partners and groups on simulated emergency scenarios on mannequins and practice how to apply proper care.
Technology-based instruction	Prior to the in-class meeting, students will review material online and take a written exam.
Role Playing	Students will work with partners where one student is a victim and one student is a responder. The responder will apply the appropriate care for the victim suffering from a cardiac related event.
Participation	Student will actively participate in in-class discussions and lab scenarios.
Laboratory	Hands-on work with partners and mannequins to simulate real-life cardiac related emergencies requiring CPR and AED operating skills.
Lecture	Current techniques and procedures with best-practices for CPR and AED application will be discussed in-class.

**Methods of Evaluation**

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
Group activity participation/observation	Students will practice with partners on various CPR and AED scenarios and then be tested on their ability to provide the proper care.	In Class Only
Tests/Quizzes/Examinations	A written exam will be administered prior to class on pertinent CPR and AED protocols and application.	Out of Class Only
Self-paced testing, Student preparation	Students will be expected to understand the proper CPR application for the adult, child and infant prior to the in-class meeting.	Out of Class Only
Self-paced testing, Student preparation	Students will use the textbook and powerpoint resources to review all CPR and AED material and take practice quizzes online.	Out of Class Only

**Assignments**
**Other In-class Assignments**

1. Group discussion and evaluation of research
2. Skill demonstration and assessments
3. Case studies and application of cardiopulmonary techniques in infants, adults and children
4. Case studies and application of technique in automatic external defibrillators

**Other Out-of-class Assignments**

1. Reading assignments
2. Written exams
3. Practice the sequence of care for CPR and AED protocol

**Grade Methods**

Pass/No Pass Only

**MIS Course Data**
**CIP Code**

31.0101 - Parks, Recreation and Leisure Studies.

**TOP Code**

083610 - Recreation Assistant

**SAM Code**

B - Advanced Occupational

**Basic Skills Status**

Not Basic Skills

**Prior College Level**

Not applicable

**Cooperative Work Experience**

Not a Coop Course

**Course Classification Status**

Workforce Prep Enhanced Funding

**Approved Special Class**

Not special class

**Noncredit Category**

Workforce Preparation

**Funding Agency Category**

Not Applicable

**Program Status**

Program Applicable

**Transfer Status**

Not transferable

**Allow Audit**

No

**Repeatability**

Yes

**Repeatability Limit**

NC

**Repeat Type**

Noncredit

**Justification**

For CPR and AED certification or recertification only.

**Materials Fee**

No

**Additional Fees?**

No

**Approvals****Curriculum Committee Approval Date**

03/21/2019

**Academic Senate Approval Date**

03/28/2019

**Board of Trustees Approval Date**

05/17/2019

**Chancellor's Office Approval Date**

07/15/2019

**Course Control Number**

CCC000607346

**Programs referencing this course**Advanced First Aid Safety, CPR/AED Certificate of Completion (<http://catalog.collegeofthedesert.eduundefined?key=182/>)