

KINE 302: ADVANCED CPR AND AED

Originator

mdillon

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

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Justification / Rationale

There is a prerequisite on this course that is unnecessary (301- First Aid). This is being removed so the course can be taken as a stand alone course. The book also needs to be updated.

Effective Term

Fall 2023

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. The American Heart Association certificate fees are required of each student that successfully completes this course.

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 Automated External Defibrillator (AED). The course content is in alignment with the American Heart Association. Students receive a Pass/No Pass grade mark.

Total Non-Credit Contact Hours

12

In-class Hours

0

Out-of-class Hours

0

Total Course Units

0

Total Semester Hours

0

Override Description

Noncredit course

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

2020

ISBN #

978-1-61669-768-6

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 Automated 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 textbook and PowerPoint 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	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	Students will use the textbook and powerpoint resources to review all CPR and AED material and take practice quizzes online.	Out of Class Only
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. 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

11/01/2022

Academic Senate Approval Date

11/10/2022

Board of Trustees Approval Date

12/16/2022

Chancellor's Office Approval Date

01/07/2023

Course Control Number

CCC000635367

Programs referencing this course

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