

EMR 381: AMBULANCE OPERATIONS

New Course Proposal

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Originator

zbecker

Co-Contributor(s)

Name(s)

Wilson, Chantae

Justification / Rationale

Creating noncredit version of Emergency Medical Responder 081 to provide option for non-traditional students.

Effective Term

Fall 2020

Credit Status

Noncredit

Subject

EMR - Emergency Medical Responder

Course Number

381

Full Course Title

Ambulance Operations

Short Title

AMB OPS

Discipline

Disciplines List

Emergency Medical Technologies

Modality

Face-to-Face

Catalog Description

This course provides information and skills training. Topics include applicable laws, defensive driving techniques, basic inspection and maintenance. Each student also has the opportunity to increase their driving skills during simulated driving conditions.

Schedule Description

This course provides information and skills training on the operation of an ambulance. Prerequisite: EMR 080, or EMR 080B, or EMR 380B Limitation on Enrollment: Valid driver's license, Department of Motor Vehicles H6 printout.

Non-credit Hours

54

In-class Hours

36

Out-of-class Hours

18

Total Semester Hours

54

Override Description

Noncredit override.

Prerequisite Course(s)

EMR 080, or EMR 080B, or EMR 380B

Limitation on Enrollment

Valid driver's license, Department of Motor Vehicles H6 printout.

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

Manual

Author

California Highway Patrol

Title

Ambulance Driver's Handbook

Publisher

DMV

Year

2016-01-01

Class Size Maximum

30

Entrance Skills

Demonstrate and understand the use of basic English.

Requisite Course Objectives

EMR 080-Perform the roles and responsibilities of an EMR with regard to personal safety and wellness, as well as the safety of others.
EMR 080-Apply principles of emergency medical services operations, including considerations in ambulance and air medical transportation, multiple casualty incidents, gaining access to and extricating patients, hazardous materials incidents, and responding to situations involving weapons of mass destruction.

EMR 380B-Perform the roles and responsibilities of an EMR with regard to personal safety and wellness, as well as the safety of others.

EMR 380B-Apply principles of emergency medical services operations, including considerations in ambulance and air medical transportation, multiple casualty incidents, gaining access to and extricating patients, hazardous materials incidents, and responding to situations involving weapons of mass destruction.

Course Content

1. Introduction to Ambulance Operations
2. State and Local Laws Relating to Ambulance Operations
3. The Smith System 5 Keys to Defensive Driving
4. Principles of Driving Techniques
5. Principles of Safe Driving of Ambulances During Code 3 Response
6. Driving Safety for Off-Road Operations
7. Driver Safety while Working at Highway Emergencies
8. Placement of the Ambulance at an Emergency Scene
9. How to Operate and Secure the Patient Gurney
10. How to Perform Pre-Trip, Enroute, and Post-Trip Inspections
11. How to Read and Interpret Vehicle Gauges
12. How to Perform Routine Ambulance Maintenance
13. How to Complete Routine Maintenance Records and Reports
14. Development of an Inventory Checklist

15. How to Make Daily Equipment Inventory Checks
16. Development of a Hospital Route Map Book
17. Local Hospital Receiving Protocols and Required Reports
18. Written Exam

Course Objectives

Objectives	
Objective 1	Demonstrate knowledge of driver's responsibilities, vehicle laws, and defensive driving techniques.
Objective 2	Demonstrate an understanding and practical knowledge of techniques on basic inspections and maintenance of ambulances.
Objective 3	Demonstrate knowledge of techniques for operating an ambulance vehicle prior to the run, during the run, while at the emergency scene, to the hospital, and when returning to quarters.

Student Learning Outcomes

Upon satisfactory completion of this course, students will be able to:	
Outcome 1	Demonstrate principles of safe driving techniques.

Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Laboratory	The student will apply the principles of safe driving through actual demonstrations of learned techniques.
Discussion	The student will demonstrate understanding by discussing techniques of safe emergency vehicle operations.
Demonstration, Repetition/Practice	The student will demonstrate proficiency through safe driving techniques.

Methods of Evaluation

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
Written homework	The student will complete 6 writing assignments.	Out of Class Only
Student participation/contribution	The student will participate in class discussion and skills.	In Class Only
Mid-term and final evaluations	The student will complete a final exam.	In Class Only
Presentations/student demonstration observations	Student will demonstrate safe driving practices.	In 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. Student participation in class discussions
2. Manipulative skills training

Other Out-of-class Assignments

1. Textbook and supplemental readings, approximately 1 chapter per week

Grade Methods

Pass/No Pass Only

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

No

Repeatability

Yes

Repeatability Limit

NC

Repeat Type

Noncredit

Justification

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

Materials Fee

No

Additional Fees?

No

Approvals**Curriculum Committee Approval Date**

11/05/2019

Academic Senate Approval Date

11/14/2019

Board of Trustees Approval Date

12/19/2019

Chancellor's Office Approval Date

02/09/2020

Course Control Number

CCC000613033

Programs referencing this courseEmergency Medical Services Certificate of Completion (<http://catalog.collegeofthedesert.eduundefined?key=289/>)Emergency Medical Responder Intermediate Certificate of Completion (<http://catalog.collegeofthedesert.eduundefined?key=290/>)