

**EMC 108 Course Outline as of Spring 2014****CATALOG INFORMATION**

Dept and Nbr: EMC 108            Title: EMERG VEHICLE OPERATORS  
 Full Title: Driving Skills for Emergency Vehicle Operators  
 Last Reviewed: 2/24/2020

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	0.25	Lecture Scheduled	2.00	1	Lecture Scheduled	2.00
Minimum	0.25	Lab Scheduled	6.00	1	Lab Scheduled	6.00
		Contact DHR	0		Contact DHR	0
		Contact Total	8.00		Contact Total	8.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 4.00

Total Student Learning Hours: 12.00

Title 5 Category: AA Degree Applicable  
 Grading: P/NP Only  
 Repeatability: 21 - Legally Mandated Repetition  
 Also Listed As:  
 Formerly: EMC 276

**Catalog Description:**

Designed for emergency service personnel to improve the skill level of operators of vehicles. Hands-on driving exercises to develop and improve skills in close-quarters maneuvering, backing, and routine driving activities.

**Prerequisites/Corequisites:****Recommended Preparation:****Limits on Enrollment:**

Must have current Class "C" California Driver License and Ambulance special certificate.

**Schedule of Classes Information:**

Description: Designed for emergency service personnel to improve the skill level of operators of vehicles. Hands on driving exercises to develop and improve skills in close quarters maneuvering, backing and routine driving activities. (P/NP Only)

Prerequisites/Corequisites:

Recommended:

Limits on Enrollment: Must have current Class "C" California Driver License and Ambulance



- d. skid recovery and control
- 3. Legal aspects
  - a. required vehicle inspection
  - b. statute requirements governing emergency vehicle operation
  - c. calls that constitute a true emergency
  - d. what you can and can not do during emergency vehicle operation
- 4. Psychological limitations
  - a. increased stress (adrenaline production) and how it can affect emergency vehicle operation
  - b. tunnel vision and how to avoid it during emergency vehicle operation
  - c. judgment errors and how to overcome them during emergency vehicle operation
  - d. speed perceptions
- 5. Liability issue associated with emergency vehicle operation
  - a. wrongful death injury claims
  - b. traffic collision claims

**Assignment:**

1. Demonstrate collision avoidance techniques in 10 simulated traffic hazard conditions.
2. Low speed maneuvering.
3. Demonstrate proper turning radius, clearance of vehicle exercise.
4. Demonstrate shift in vehicle dynamics by maneuvering through slalom course 10 times.

**Methods of Evaluation/Basis of Grade:**

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments and skill demonstrations are more appropriate for this course.

Writing  
0 - 0%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Judgmental problem solving in situational driving.

Problem solving  
10 - 35%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Performance exams, Critical decision making skill in driving scenario

Skill Demonstrations  
65 - 90%

**Exams:** All forms of formal testing, other than skill performance exams.

None

Exams  
0 - 0%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

None

Other Category  
0 - 0%

**Representative Textbooks and Materials:**  
Instructor prepared material.