



# Pennsylvania State Fire Academy

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## Minimum Standard for Accreditation (MSA)

Revised March, 1999

Revision 1: 3/1/99

**Course Title:** Emergency Vehicle Driver Training (EVOC)

**Length of Course:** 16 hours

**Lecture/Lab Breakdown:** 8/8

**Prerequisites:** None

**Course Goal:** The goal of this program is to stimulate the thought processes of the students and to make them aware of the potential tragedy, financial loss, legal, and moral responsibilities that they have when operating emergency vehicles. The program will verify proficiency in both the knowledge and understanding of, as well as, the practical application to emergency vehicle driving.

**Description of Course:** Sadly, a large proportion of emergency responder deaths and injuries occur as a result of motor vehicle accidents involving emergency response vehicles. This course is suitable for both novice and veteran emergency vehicle operators. Consisting of 8 hours of classroom and 8 hours of driving on a competency course, it will teach, reinforce, and review those issues and skills needed by anyone who operates a motor vehicle in responding to an emergency.

**Description of Methodology to be used:(Brief)** Classroom lecture – practical application of skills on driving course on Day 2. Each student will drive the course a minimum of three times.

**Student Equipment/Supply Needs:** Student workbook, pencil; I copy Participant Manual

**Equipment/Audiovisual/Supply requirements:** Overhead projector - TV - VCR(VHS) – Screen; AV Kit for course in question; 1 copy PM for each student. Video Tapes ( Emergency Vehicle Driver Training Competency Course) Overheads, Test ( Supplement Videos - EZ EVOC for Fire and EZ EVOC for EMS), CD ROM available for Powerpoint© presentation. Driving course requirements in Instructor Guide.

### **Course Outline** –

**Day One** Classroom Session

Introduction - 30 minutes

Extent of the Problem - 60 minutes

(continued)

**Course Outline (con't.)**

Day 1 (continued)

Personnel Selection - 60 minutes  
Necessity of SOG's - 30 minutes  
Legal Aspects - 60 minutes  
Vehicle Dynamics - 60 minutes  
Vehicle Inspection and Maintenance - 60 minutes  
Vehicles Operations/Safety - 60 minutes  
Competency Course - 30 minutes  
Written Examination – 30 minutes

Day Two

Competency Course; Hands - On Driving - 8 hrs

**Important Note to Instructors and Education Training Agencies** – To allow for the minimum of 3 times per student on the practical driving course, **a maximum class size of 25 students has been set by the course developers.** This maximum can only be exceeded with permission from the SFA Field Education Specialist on a case-by-case basis. **A minimum of 1 additional EVOC-accredited instructor must be employed for the second 8 hours of competency course training, regardless of enrollment.**

**Competency Evaluation Mechanism** - Classroom - Pass written test; Competency Course -Score Sheet

**Course Objectives (Specific):**

Upon completion of this course, the student will be able to correctly:

1. identify the elements of a comprehensive Emergency Vehicle Driver Training program.
2. identify the problems facing the operators of emergency vehicles and recognize the factors that contribute to the incidence of accidents involving emergency vehicles.
3. identify the personnel selection procedures that are the first steps in the developing an effective emergency vehicle driver program.
4. define the personal qualities and attributes of a candidate for operating an emergency vehicle.
5. identify the reasons why standard operating guidelines are important and necessary to an effective .

(continued)

6. identify the primary legal principle which affect emergency vehicle drivers and recognize their implications upon emergency vehicle operations.

**Course Objectives (continued):**

7. describe the physical forces which act upon vehicles and their impact upon vehicle handling.

8. explain the value and importance of regular inspections, how to perform pre and post-trip inspections and the importance of preventative maintenance and record keeping.

9. describe the factors, tasks, and maneuvers involved in emergency response driving.

10. safely perform, to the satisfaction of the instructor, “hands-on” operation of a motor vehicle with which the student is familiar through a designated driving course as specified in the instructor material for the course.