

Course Objectives/Course Outline

Spokane Community College

Course Title: Emergency Vehicle Operations

Prefix and Course Number: FS 114

Course Learning Outcomes:

By the end of the course, a student should be able to:

- Understand emergency vehicle operations laws
- Understand the effect of a wet roadway on the braking reaction time
- Understand your responsibility when driving to an emergency scene
- Understand the operational limits of a fire apparatus
- Operate an emergency apparatus in a controlled environment i.e. cone course in a parking lot.

Course Outline

- I. Emergency Vehicle Incident Prevention program
 - A. CDL vs. EVIP
 - B. Requirements for Emergency apparatus drivers
- II. NFPA 1901
- III. Emergency vehicle operation laws
- IV. Level of response
 - A. Code or no code
- V. Defensive driving practices
 - A. Total stopping distance, reaction distance and braking distance
 - B. Size and weight of the apparatus
 - C. Speed at which the apparatus is travelling
 - D. Road conditions
- VI. Maintaining control on hills, turns and curves
 - A. Brake fade
 - B. Centrifugal force
- VII. Night driving
 - A. Slow down and increase your following distance
 - B. Scan your mirrors and the road
- VIII. Identify the address/location ahead of time
- IX. Fire scene positioning
- X. Working fire
- XI. Staging
 - A. Level 1
 - B. Level 2
- XII. Always set chocks

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