

Course Objectives/Course Outline

Spokane Community College

Course Title: Fire Science Applications III
Prefix and Course Number: FS 232

Course Learning Outcomes:

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

- Perform fire ground leadership skills related to initial fire suppression
- Demonstrate Maintenance of Fire Service Equipment
- Demonstrate Vehicle Stabilization

Course Outline

- I. Tools and Equipment
 - A. Maintenance of Electrical Generators and Lighting Equipment
 - B. Rescue Tools
- II. Vehicle Extrication
 - A. Size Up
 - B. Stabilizing the Vehicle
 - C. Securing Electrical Systems
 - D. Passenger Safety Systems
 - E. Gaining Access to Victims
 - F. Cutting Posts
 - G. Displacing the Dashboard
- III. Service Testing Fire Hose
- IV. Firefighting Foam
 - A. Proportioning and Mixing
 - B. Foam Application
 - C. Special Hazards
- V. Coordinating Fire Ground Operations
 - A. Roles and Responsibilities
 - B. Establishing Command
 - C. Suppressing Class B Fires
- VI. Advanced Fire Origin and Cause
 - A. Evidence
 - B. Roles and Responsibilities

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