

SUPPRESS WILDFIRE

“Combat Nature’s Fury with Skill, Strategy, and Safety.”

Schedule

Venue	Fees
In-House	ASK FOR THE QUOTATION

Introduction

Wildfires pose escalating threats due to climate change, dry landscapes, and increasing human activity in rural zones. This course equips fire personnel with essential wildfire suppression strategies, emphasizing safety, coordination, and tactical response. Participants will learn how to operate in rugged terrains, manage fire lines, use aerial and ground suppression tools, and apply risk-based tactics in volatile wildfire conditions.

Objectives

- Participants will be able to:
- Understand wildfire behavior, fuel types, and weather patterns
 - Apply wildfire suppression tactics: direct and indirect methods
 - Operate specialized wildfire suppression tools and equipment
 - Maintain safety in uncontrolled outdoor environments
 - Coordinate with forestry, aviation, and emergency teams during wildfire responses

Why Attend

- Learn how to manage fast-spreading fires in wildland areas
- Master mobile, strategic, and extended duration suppression tactics
- Ensure crew and public safety in unpredictable natural fire environments

Target Audience

- Wildland and rural firefighters
- Forest rangers and national park emergency staff
- Civil defense and environmental emergency responders
- Oil, gas, and utility sector emergency teams in fire-prone zones

Individual Benefits

- Enhance wildfire-specific firefighting capabilities
- Gain confidence in extreme environmental conditions
- Advance career prospects in forestry and rural emergency services

Organizational Benefits

- Reduce response time and damage in wildfire incidents
- Improve team coordination for large-scale wildfire operations
- Ensure preparedness for seasonal and climate-related risks

Instructional Methodology

- Live wildfire simulations and outdoor drills
- Case studies from international wildfire events
- Hands-on training with suppression tools and protective gear
- Group scenario planning and role-based exercises

Course Outline

DETAILED 5-DAY COURSE OUTLINE (CUSTOMIZABLE)

Training Hours: 7:30 AM – 3:30 PM **Daily Format:** 3–4 Learning Modules | Coffee Breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Wildfire Science & Safety

- **Module 1:** Fundamentals of Wildfire Behavior (07:30 – 09:30)
- **Module 2:** Fire Triangle: Fuels, Weather, and Topography (09:45 – 11:15)
- **Module 3:** Personal Safety & PPE in Wildland Fires (11:30 – 01:00)
- **Module 4:** Drill: Safety Zones, Lookouts, and Fire Shelters (02:00 – 03:30)

Day 2: Suppression Tools and Techniques

- **Module 1:** Direct vs. Indirect Attack Strategies (07:30 – 09:30)
- **Module 2:** Firelines, Backburns, and Control Lines (09:45 – 11:15)
- **Module 3:** Ground Equipment: Tools, Hoses, and Pumps (11:30 – 01:00)
- **Module 4:** Field Drill: Building and Holding a Fireline (02:00 – 03:30)

Day 3: Air-Ground Coordination in Wildfire Suppression

- **Module 1:** Role of Aerial Support: Water Bombers & Helicopters (07:30 – 09:30)
- **Module 2:** Air-Ground Communication Protocols (09:45 – 11:15)
- **Module 3:** Coordination with Forestry and Incident Command (11:30 – 01:00)
- **Module 4:** Simulation: Multi-Agency Wildfire Response (02:00 – 03:30)

Day 4: Wildfire Scenario Management

- **Module 1:** Mapping and Monitoring Fire Spread (07:30 – 09:30)
- **Module 2:** Managing Spot Fires and Re-Ignition Risks (09:45 – 11:15)
- **Module 3:** Evacuation, Perimeter Defense, and Public Safety (11:30 – 01:00)
- **Module 4:** Tactical Exercise – Perimeter Defense Strategy (02:00 – 03:30)

Day 5: Strategy, Leadership & Recovery

- **Module 1:** Crew Leadership and Safety Briefings (07:30 – 09:30)
- **Module 2:** Post-Fire Cleanup and Environmental Recovery (09:45 – 11:15)
- **Module 3:** Final Simulation – Full-Scale Wildfire Incident (11:30 – 01:00)
- **Module 4:** Debrief, Evaluation, and Certification Ceremony (02:00 – 03:30)

Certification

Successful participants will receive a **Certificate of Competence in Wildfire Suppression**, verifying their skills in mitigating wildfire threats and contributing to local and national emergency response frameworks.

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