MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

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CERTIFIED FIRE PROTECTION SPECIALIST (CFPS) EXAM PREPARATION COURSE – CERTIFICATION BY NFPA, USA

"Prepare effectively for CFPS certification and master fire protection principles and practices."

Schedule

Date	Venue	Fees
18 – 22 Oct 2026	Riyadh, KSA	USD 3495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

Fire protection is a critical component of workplace safety, industrial operations, and life safety management. The Certified Fire Protection Specialist (CFPS) credential, awarded by NFPA, USA, recognizes professionals who demonstrate comprehensive knowledge of fire protection principles, codes, and practices. Achieving CFPS certification validates your expertise and enhances your credibility in fire safety management.

This 5-day intensive training prepares participants for the CFPS certification exam by providing a deep understanding of fire protection engineering, life safety, fire prevention, and hazard management. Through practical exercises, case studies, and review sessions, participants will gain the knowledge and skills required to pass the CFPS exam and implement best practices in fire safety management.

Objectives

By the end of this course, participants will be able to:

- Understand key fire protection principles, systems, and standards.
- Apply NFPA codes and standards effectively in real-world scenarios.
- Identify fire hazards, assess risks, and implement mitigation strategies.
- Prepare confidently for the CFPS certification examination.
- Enhance fire safety management in organizations.

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Why Attend

- Gain comprehensive knowledge of fire protection systems and safety principles.
- Prepare for CFPS certification with targeted exam preparation.
- Improve workplace safety and compliance with NFPA standards.
- Learn practical techniques for hazard assessment and risk mitigation.
- Build professional credibility and career advancement opportunities.

Target Audience

This program is designed for:

- Fire protection engineers and safety managers.
- HSE professionals responsible for fire safety.
- Facility managers and industrial safety officers.
- Professionals seeking CFPS certification.
- Consultants and engineers involved in fire prevention and life safety management.

Individual Benefits

Key competencies that will be developed include:

- Knowledge of fire science, protection systems, and life safety codes.
- Skills to identify hazards and implement fire prevention measures.
- Ability to interpret and apply NFPA codes and standards.
- Confidence in taking the CFPS certification examination.
- Enhanced ability to manage fire protection programs effectively.

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved fire safety management and hazard mitigation in workplaces.
- Compliance with NFPA codes and regulatory requirements.
- Reduced fire-related risks and incidents.
- Enhanced preparedness for audits and inspections.
- Strengthened organizational culture of safety and compliance.

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings – Fire protection principles, systems, and NFPA standards.
- Case Studies – Analysis of fire incidents, risk assessments, and mitigation strategies.
- Workshops – Exam-style practice questions, scenario analysis, and problem-solving exercises.
- Peer Exchange – Group discussions on fire safety challenges and solutions.
- Tools – Reference guides, checklists, and NFPA code summaries for exam preparation.

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Course Outline

Detailed 5-Day Course Outline

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: Fundamentals of Fire Protection

Module 1: Introduction to Fire Protection (07:30 – 09:30)

- Overview of fire science and behavior
- Fire protection systems and strategies
- NFPA codes and standards overview

Module 2: Fire Prevention and Life Safety (09:45 – 11:15)

- Hazard identification and risk assessment
- Fire prevention strategies
- Life safety principles and evacuation planning

Module 3: Fire Detection and Alarm Systems (01:00 – 02:30)

- Fire detection technologies
- Alarm systems and notification protocols
- Integration with safety management systems

Module 4: Case Study and Discussion (02:45 – 03:30)

- Analysis of real-world fire incidents
- Lessons learned and best practices

Day 2: Fire Suppression Systems

Module 5: Water-Based Systems (07:30 – 09:30)

- Sprinkler and standpipe systems
- Design and maintenance considerations

Module 6: Gas and Foam Suppression Systems (09:45 – 11:15)

- Applications in industrial and commercial facilities
- System operation and safety considerations

Module 7: Portable Fire Extinguishers (01:00 – 02:30)

- Types, selection, and usage
- Inspection and maintenance

Module 8: Workshop – System Analysis (02:45 – 03:30)

- Hands-on exercises evaluating fire suppression systems

Day 3: Codes, Standards, and Regulatory Compliance

Module 9: NFPA Codes and Standards (07:30 – 09:30)

- Key NFPA standards for fire protection
- Code interpretation and application

Module 10: Regulatory Compliance (09:45 – 11:15)

- Legal requirements and inspections
- Compliance documentation and reporting

Module 11: Fire Safety Program Management (01:00 – 02:30)

- Policies, procedures, and audits
- Risk management and mitigation planning

Module 12: Case Study (02:45 – 03:30)

- Practical application of codes and standards in workplace scenarios

Day 4: Fire Hazard Analysis and Risk Management

Module 13: Fire Risk Assessment (07:30 – 09:30)

- Identifying hazards and evaluating risks
- Quantitative and qualitative assessment techniques

Module 14: Fire Protection Design Considerations (09:45 – 11:15)

- Designing systems for various facility types
- Performance evaluation and optimization

Module 15: Incident Investigation and Reporting (01:00 – 02:30)

- Investigating fire incidents
- Reporting, documentation, and corrective actions

Module 16: Workshop – Risk Management (02:45 – 03:30)

- Hands-on exercises on hazard assessment and mitigation strategies

Day 5: Exam Preparation and Best Practices

Module 17: CFPS Exam Overview (07:30 – 09:30)

- Exam structure, question types, and scoring
- Preparation tips and strategies

Module 18: Practice Questions and Mock Exam (09:45 – 11:15)

- Sample questions for review
- Time management and answer strategies

Module 19: Best Practices in Fire Protection (01:00 – 02:30)

- Lessons learned from real-world applications
- Integrating knowledge into workplace practices

Module 20: Review, Q&A, and Course Closure (02:45 – 03:30)

- Key takeaways
- Final questions and discussion
- Action planning for CFPS exam preparation

Certification

Participants will receive a Certificate of Completion in Certified Fire Protection Specialist (CFPS) Exam Preparation, validating their readiness for the NFPA CFPS certification and expertise in fire protection principles and practices.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

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