

## INSTITUTE OF FIRE ENGINEER - IFE (EXAM PREPARATION)

*"Comprehensive preparation to help you achieve IFE professional fire engineering qualifications with confidence."*

### Schedule

| Venue (InHouse)               | Fees                  |
|-------------------------------|-----------------------|
| At Your Organization Premises | Ask For The Quotation |

► **Available delivery methods:** In-House Training

### Introduction

The IFE Exam Preparation Course is designed to support fire professionals aiming to pass the internationally recognized IFE qualifications administered by the Institution of Fire Engineers (IFE, UK). Covering a range of levels (from Level 2 Certificate to Level 4 Diploma), this course provides in-depth study support, exam techniques, and content mastery for candidates preparing for specific IFE examinations.

The course emphasizes the core knowledge required in fire science, operations, legislation, risk management, investigation, and engineering principles, tailored to the syllabus and past paper expectations.

### Objectives

Upon successful completion of the course, candidates will be able to:

- Understand the structure and expectations of the IFE examinations
- Master core concepts in fire science, fire safety, risk, and fire service operations
- Practice and apply exam techniques to real past paper questions
- Identify gaps in knowledge and strengthen weak subject areas
- Develop time management and structured response strategies for written exams
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## Why Attend

- Receive expert guidance from certified IFE-qualified instructors
- Increase your chances of passing the IFE exam in your targeted level
- Gain global recognition and improve career opportunities in fire safety
- Access a structured revision program with sample papers and practical exercises

## Target Audience

This course is suitable for:

- Fire service professionals preparing for IFE Levels 2, 3, or 4 exams
- Industrial fire safety personnel seeking professional accreditation
- Fire engineers, fire officers, and technical staff in safety and emergency response roles
- Those seeking international recognition in fire-related disciplines

## Individual Benefits

- Gain focused preparation aligned with the IFE exam syllabus
- Identify key learning outcomes and prepare with confidence
- Improve your career prospects through a globally respected qualification

## Organizational Benefits

- Build a technically qualified fire safety team
- Enhance organizational compliance with international fire standards
- Raise professional competency across fire and risk management departments

## Instructional Methodology

This course uses:

- Topic-by-topic exam syllabus walkthroughs
- Worked examples of previous IFE exam papers
- Timed mock assessments and quizzes
- Group discussions and tutor-led problem solving
- One-on-one guidance and feedback on individual performance

## 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: Fire Engineering Science & Thermodynamics

- Module 1: Overview of IFE Exam Levels & Scoring System (07:30 – 09:30)
- Module 2: Fire Chemistry, Heat Transfer, Combustion (09:45 – 11:15)
- Module 3: Fire Growth, Fire Load, Flashover, Backdraft (11:30 – 01:00)
- Module 4: Practice Questions & Concept Review (02:00 – 03:30)

#### Day 2: Fire Safety & Risk Management

- Module 1: Principles of Fire Risk Assessment (07:30 – 09:30)
- Module 2: Fire Protection Systems & Detection (09:45 – 11:15)
- Module 3: Means of Escape, Egress Planning (11:30 – 01:00)
- Module 4: Hazard Identification & Mitigation Plans (02:00 – 03:30)

#### Day 3: Fire Service Operations & Incident Command

- Module 1: Firefighting Tactics – Urban, Rural, Industrial Fires (07:30 – 09:30)
- Module 2: ICS – Incident Command System & Leadership Roles (09:45 – 11:15)
- Module 3: Pre-Incident Planning & Operational Safety (11:30 – 01:00)
- Module 4: Operational Decision-Making Scenarios (02:00 – 03:30)

#### Day 4: Legislation, Investigation, & Engineering Applications

- Module 1: Relevant Fire Safety Legislation (UK / Local) (07:30 – 09:30)
- Module 2: Fire Investigation Methodologies (09:45 – 11:15)
- Module 3: Engineering Principles in Building Fire Safety (11:30 – 01:00)
- Module 4: Syllabus Mapping to Candidate Needs (02:00 – 03:30)

#### Day 5: Mock Exams & Final Preparation Strategy

- Module 1: Timed Practice Paper – Level-Specific (07:30 – 09:30)
- Module 2: Group Review of Answer Techniques & Corrections (09:45 – 11:15)
- Module 3: Revision Planning & Personal Study Guidance (11:30 – 01:00)
- Module 4: Q&A, Confidence Building, Closing Session (02:00 – 03:30)

## Certification

Participants will receive a Certificate of Completion: IFE Exam Preparation (Level 2/3/4) which confirms their readiness to sit for the formal IFE examination. This is a non-examining preparation course and does not replace the official IFE exam application or assessment.

## Why Choose MAWA Events

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