

**HOUSINGLMS**

TRAINING CONSULTANCY EXPERTISE



## **FIRE SAFETY**

**AN INTRODUCTION INTO FIRE SCIENCE  
& HUMAN BEHAVIOUR IN FIRE**

[HOUSINGLMS.COM](http://HOUSINGLMS.COM)

# FIRE SAFETY

## AN INTRODUCTION INTO FIRE SCIENCE & HUMAN BEHAVIOUR IN FIRE

### OVERVIEW

The aim of this course is to give the delegate an appreciation of the basic chemistry of fire and how fire growth takes place. It will also look to identify how a building performs in a fire and how the building design will contain the fire.

### CONTENTS

- ➔ The basic principles of fire science
- ➔ Understanding fire growth
- ➔ Understanding how fires can move through a building
- ➔ What is Pyrolisation?
- ➔ What is the difference between a flashover and a backdraught?
- ➔ How fire behaves in a building and how it is contained
- ➔ How certain structural designs are affected by fire
- ➔ How fire spread is inhibited by Active and Passive Fire Safety Measures
- ➔ How fire affects a person's ability to think logically in a fire condition
- ➔ What hazards are presented by a fire that affects a person to think in a fire condition?
- ➔ How fires affect persons in different settings
- ➔ The affect on family groups in fire situations
- ➔ Peer pressure when fire alarms activate
- ➔ Understanding the affect of frequent false alarms on a person's ability to respond to a fire alarm
- ➔ Understanding escape route design and why persons will only use those that they are familiar with



### DURATION

The course is normally delivered in **4 hours**



### CERTIFICATES

**Yes** - A Housing LMS Certificate is awarded when course is passed and completed.

For further information or to reserve your place please contact us

☎ **0161 955 3655**

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