

## ADVANCED BASIC STRUCTURAL FIRE FIGHTING COURSE.

### Target Group:

Serving Fire Brigades, Armed forces firemen who have successfully completed Basic Fire Fighting Course and served in the field for atleast one year.

### Duration:

4 weeks

### Fees:

US \$ 1140 for tuition and training materials only

### Dates:

On request.

## OBJECTIVES

To Provide participants with the theory, principles and practice of rescue and fire-fighting, fire safety planning, audit as well as command and control at a structural fire. Participants will also acquire knowledge on application of tactical approaches and rescue techniques.

## OUTLINE

### Module 1: Fire Supervisory

- Fire Safety legislation
- The Supervisors Responsibilities
- The Role of Supervisor in Management
- Human Factors
- Leadership in the Fire Service
- Planning of Emergency Exercises
- Fire Safety Audit
- Emergency Mitigation measures
- Emergency Preparedness
- Emergency Response
- Emergency Recovery

### Module 2: Structural Emergency Procedures and Methods.

- Emergency Information
- Emergency Evacuation Procedures
- Water Supplies for Emergency purposes
- Building Construction
- Building Fires
- Smoke in a structural Fires
- Respiratory Hazards & Protection (Breathing Apparatus)
- Practical Firemanship
- Tactical ventilation
- Fire phenomenon

### Module 3: Safety Gears, Rescue & Fire-fighting

- Small Gears
- Fire Service Ladders
- Fire Fighting hose
- Ropes and Knots
- Personal Protective Equipment
- Dry & Wet Risers
- Topography of Complex Building (Fire Engineering Features)

- Case studies (Films, video clips)
- Firefighting - Attack & Defense method (Hot practical exercises)
- Hose running (Dry/ Wet practical exercise)

#### **Module 4: Incident Command System**

- Module Overview
- ICS Overview
- Basic Features of ICS
- Incident Commander & Command Staff Functions
- General Staff – Operations Functions PE
- General Staff – Other Functions
- ICS Facilities
- Common Responsibilities
- Summary/Review/ Introduction to Exercise Scenario
- Course Wrap-up and Evaluations

#### **ADMISSION REQUIREMENTS**

- Serving Fire Brigades, Armed forces firemen who have successfully completed Basic Structural Fire Fighting Course and served in the field for atleast one year.
- Be certified medically and physically fit
- Be proficient in the English language

#### **CERTIFICATION**

Participants must attend at least 90% of the training in order to be eligible for the theoretical and practical assessments. A certificate will be awarded to those who have passed both practical and theoretical assessment with an average pass mark of 60% and above.

Participants are required to bring along their official uniform, as well as track suits, t-shirts and running shoes for physical training.

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