

Course Description: The practical fire training (CPD2) is designed for IFESL students who sit for IFE examinations (TI Fire E, GI Fire E and MI Fire).

Objective: To make the exam easier to the IFESL candidate through practical exposure in the firefighting field and assist them to work in the same field with high competence.

Competence Elements	Course outline	P	T	Total hrs
Ability to control fires) (Basic firefighting)	Classification of fire , Type of portable fire extinguishers & Colour code, Operation mechanism of portable extinguishers		30min	30MIN
	Fire Demonstration – use of 4 type portable fire extinguishers	30mi	-	30min
	<u>Fire hoses:</u> <ul style="list-style-type: none"> Familiar with different type of fire hoses and couplings. Techniques of hose laying out and coiling (various methods) Methods of connecting hoses to the fire appliances and branch/nozzles 	1	-	1hrs
	<u>Fire hydrants & hose reel:</u> <ul style="list-style-type: none"> Connect fire hoses to hydrant (ground and pillar hydrant) and apply water to a target. Use of first aid fire hose reel 	1.5	-	1.5hr
Use of Personal protective equipment	<ul style="list-style-type: none"> Identifying type of PPE that are used in fire services in deferent scenarios and their level of protection. Wearing PPE as per the SOPs 	1		1hr
Use of Breathing Apparatus and Airline Equipment	Main component of BA	6	1	07hrs
	Disassembling and assembling of BA			
	Donning and doffing BA as per the standard procedures			
	BA testing procedures			
	BA guide line, personal line and their usage.			
	Requirement of BA entry control board and uses			
	BA entry procedures			
	BA 1stage procedures			
	Operation of BA airline equipment			
Use of smoke simulator	4		4hrs	
Carrying out Search and Rescue	<u>Search and rescue in fire, chemical spill scenarios in various locations.</u> <ul style="list-style-type: none"> Search and rescue techniques Casualty handling/carrying techniques Various type stretchers that are used in fire services Operation of manual rescue tools Operation of hydraulic/pneumatic rescue equipment 	3		3hrs

Ability to use foam Making Equipment	<ul style="list-style-type: none"> Identifying required equipment for foam production Use of low ,medium and high expansion foam equipment and generators Methods of foam applications 	2.5		2.5hrs
Ventilation of fire/ smoke compartment.	<ul style="list-style-type: none"> Operation of positive pressure ventilation generators/blowers and heat and smoke extraction equipment. 	1		1hrs
Operations of Fire Service appliances	Familiar and operate various type of fire appliances and apparatus (fire truck, water bowsers, fire pumps and firefighting vessel)	1.5		1hr
Fire Service Small Gears	Familiar and use various type of small gears in fire services.	1		1hrs
Use of Fire Service Ladders	<ul style="list-style-type: none"> Familiar with various type of fire service ladder Learn ladder carrying techniques 	1		1hrs
Fire Service Rope , knots and Accessories	<ul style="list-style-type: none"> Familiar with deferent type of ropes such as rescue and general purposes ropes and accessories. Practice different type of fire service knots 	2		2hrs
Controlling HAZMAT incident	<ul style="list-style-type: none"> Familiar with hazmat control equipment Familiar with specialized PPE for chemical and detection/identification devices and decontamination equipment Haz-Mat drill 	3		3hrs
Radio Communication and Control Room Procedures	Control room procedures <ul style="list-style-type: none"> Emergency call receiving and mobilizing fire appliances Recording and record keeping Radio communication. 	30min		30min
Field visit	Familiar with CO2system, FM, 200, fire detection and alarm system, fire panels, Sprinklers system, DCP system,pump rooms etc.	3	30min	3hrs

33hrs