

Firefighter In-Service Training Program

Minimum Standards for Firefighting Personnel in the State of New York

426.7 In-Service Fire Training

Permanently appointed firefighters and fire officers normally assigned to command company operations at emergencies shall annually receive a minimum of 100 contact hours of in-service training. Such training shall be reported to the State Fire Administrator at which time a certificate will be issued.

YEAR

DEPARTMENT

FDID

MTO

DATE

SUBJECT	TIME ALLOCATION	LESSON PLAN SOURCE	INSTRUCTOR(S)	TESTING/EVALUATION
1 FIRE PROTECTION AND ORGANIZATION (1 1/2 hrs.) Training programs overview Firefighter duties and training Responsibilities Fire department organizational structures Personnel policies				
2 FIRE BEHAVIOR (3 hrs.) Fire chemistry and physics Electricity and the firefighter				
3 EXTINGUISHERS (1 hrs.) Extinguisher ratings and operation Extinguisher hazards and care				
4 FIRE PREVENTION (6 hrs.) Fire cause Public education Public relations Building construction and fire loading Occupancy classifications Inspection policies and procedures				
5 PERSONAL SAFETY AND PROTECTIVE EQUIPMENT* (13 hrs.) <i>* Training in topics in this category is required annually. No substitutions allowed.</i> Fire service occupational hazards Emergency response and scene safety Protective clothing Breathing apparatus donning, wearing, care and maintenance Structural/building collapse				

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6		ROPES AND KNOTS Rope care Knots and proper tying Rope/knot variation	(2 1/2 hrs.)			
7		TOOLS AND EQUIPMENT Identification and location Tools devices equipment application and Safe use, care and maintenance	(9 hrs.)			
8		GROUND LADDER PRACTICES Ladder construction and uses Ladder maintenance Carrying, raising and climbing ladders	(4 hrs.)			
9		HOSE PRACTICES Hose loads, finishes and carries Hose equipment/appliance uses Hose care and maintenance	(3 hrs.)			
10		FORCIBLE ENTRY Methods and procedures	(1 1/2 hrs.)			
11		VENTILATION Behavior of smoke and gases Ventilation principles Ventilation size up methods Forced/mechanical ventilation	(3 hrs.)			
12		RESCUE Rescue functions Search and rescue techniques Handling electrical emergencies Victim handling Accident victim extrication — motor vehicles, elevators and collapsed structures	(6 hrs.)			

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13		SALVAGE AND OVERHAUL (6 hrs.) Purpose of salvage activities Salvage operations — cover use and water removal Purpose of overhaul Overhaul techniques — locating hidden fire, preserving evidence and restoring premises				
14		COMMUNICATIONS (1 1/2 hrs.) Structure and use of communications networks — transmitting procedures and logging requirements Visual/touch and communication signals				
15		FIRE PUMPS (1 1/2 hrs.) Factors in pumping Pump controls and accessories				
16		AERIAL LADDERS AND ELEVATED DEVICES (1 1/2 hrs.) Ladder company operations and equipment				
17		FIRE STREAMS AND HYDRAULICS (4 1/2 hrs.) Fire stream and friction loss calculation Producing fire streams				
18		HAZARDOUS MATERIALS AND RADIATION (4 1/2 hrs.) Classification of hazardous materials L.P. and natural gas incidents Chemical emergencies Radiation accidents				
19		NATURAL COVER FIREFIGHTING (1 1/2 hrs.) Natural cover fire behavior Natural cover fire control techniques				
20		FIRST AID (5 hrs.) Principles of first aid — C.P.R.				

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21		ARSON – CAUSE AND ORIGIN INVESTIGATION Detection and preservation of evidence	(2 hrs.)			
22		DETECTION, NOTIFICATION AND SUPPRESSION SYSTEMS Sprinkler system operations Standpipe operations Alarm system operations	(2 hrs.)			
23		APPARATUS – DRIVING, OPERATION AND MAINTENANCE Regulations regarding operation Preventive maintenance procedures	(16 1/2 hrs.)			
24		HEALTH AND WELLNESS*	(1 hr.)			
25		OPTIONAL ALTERNATIVES** Hydrant locations and special information Hydrant inspections and testing Water systems and fire flows Water systems and local conditions Hazardous materials and their locations Preplanning for life hazards Preplanning for conflagrations/heavy fire critique of recent operations Disaster planning First responder	(up to 40 hrs.)			

** Courses in the "Optional Alternatives" category may be substituted for courses in any other category except those designated with a single asterisk (*), so long as the 100-hour annual requirement is maintained. However, no particular course may be substituted for in any two consecutive years.