

Program of Instruction

Course Syllabus

Course Title: Basic Operations Firefighter Module B

Course Duration: 81 hours 45 minutes

Program: Fire Fighting Program

Course Prerequisites: Member of a fire department or Fire Brigade

Course Description: The Basic Operations Firefighter is designed to give new firefighters the practical and cognitive training needed to operate safely and effectively on the fireground. IFSI Basic Operations Firefighter exceeds the requirements outlined by the Illinois Office of the State Fire Marshal for entry level firefighter training. IFSI Basic Operations Firefighter focuses on an intense classroom and hands-on approach to firefighting, which promotes both skill competency and an understanding of the fireground. Students complete numerous evolutions, which encourage them to apply their skills to a variety of scenarios.

Course Requirements and/or Recommendations: These can be divided into three categories: those completed prior to arriving in class (Pre-Course Work), those completed during class, such as homework assignments and quizzes (Course Work), and requirements completed after class but prior to receiving a certificate of completion. (Post-Course Work)

Summary of Directions

Pre-Course Work: None

Course Work: Attend and participate in all lectures and practicals

Post-Course Work: None

Reference List:

Basic Operations Firefighter Instructor Reference Manual, Illinois Office of the State Fire Marshal, July 2010.

Essentials of Fire Fighting and Fire Department Operations, 5th Edition. Instructor Resource Kit, Fire Protection Publications, 2008

Firefighter's Handbook Firefighting and Emergency Response, 3rd Edition.

Delmar Thomson Learning, 2008

NFPA 1001, Standard for Fire Fighter Professional Qualifications, 2008 Edition,

Course Policies:

Attendance Policy: IFSI requires students to attend (100%) or make up all course content that leads to certification. Students are expected to attend on time and to remain in class for the duration of the course. Students **MUST COMPLETE** all portions of a certification course, both classroom and practical, to be eligible to receive their certification.

If a student misses any portion of class with an accumulated absence of 20% or less of scheduled class time, it will be the student's responsibility to arrange the make-up of the missed course content with the instructor(s) or program manager. The student must make up the specific course content that s/he missed, not just the hours. Make-ups are limited to 20% of scheduled class time. Make-ups must be documented on the class roster. If a student's absence is greater than 20% refer to "True Emergences" section of the IFSI Examination Policy.

Safety Policy: Students shall understand and follow all instructions pertaining to operational safety, as stated by instructors or as written in course materials. Instructors and students shall be mindful of safety at all times. Conduct judged to be unsafe shall be grounds for dismissal from the course.

Academic Integrity Policy: IFSI has the responsibility for maintaining academic integrity so as to protect the quality of the education provided through its courses, and to protect those who depend upon our integrity. It is the responsibility of the student to refrain from infractions of academic integrity, from conduct that may lead to suspicion of such infractions, and from conduct that aids others in such infractions. Any violation of the code of conduct is grounds for immediate dismissal from the course.

Grading Policy: Decisions regarding certificates of course completion shall be made solely by the lead instructor of the course. All grading of exams shall be conducted by the Curriculum/Testing Office. All grading of practical exercises shall be based upon the standards set by the regulatory agency referenced in the course material and IFSI.

American Disabilities Act: As guaranteed in the Vocational Rehabilitation Act and in the American Disabilities Act, if any student needs special accommodations they are to notify their instructor and provide documentation as soon as possible so arrangements can be made to provide for the student's needs. If arrangements cannot be made at the class site, the student will test at an alternative time and place where the special accommodations can be made.

Course Content:

Module: 1

Title: Ladders

Terminal Learning Objectives:

At the conclusion of this module, the student will explain proper procedures for utilizing fire service ladders.

Module: 2

Title: Hose and Appliances

Terminal Learning Objectives:

At the conclusion of this module, the student will explain features of fire hose and appliances, as well as factors affecting their use.

Module: 3

Title: Nozzles and Fire Streams

Terminal Learning Objectives:

At the conclusion of this module, the student will explain how to effectively use nozzles and fire streams during firefighting operations.

Module: 4

Title: Water Supply

Terminal Learning Objectives:

At the conclusion of this module, the student will be able to explain principles of water supply with or without hydrants.

Module: 5

Title: Master Streams

Terminal Learning Objectives:

At the end of this module students will be able to explain basic concepts of using master streams on the fireground.

Module: 6

Title: Forcible Entry

Terminal Learning Objectives:

At the conclusion of this module, the student will explain principles and procedures of forcible entry.

Module: 7

Title: Ventilation

Terminal Learning Objectives:

At the conclusion of this module, the student will explain principles and procedures of ventilation.

Course Schedule

Module B

<u>Event</u>	<u>Duration</u>
Module 1 - Fire Service Ladders	1 hour
Drill 1.1 – Climbing Ladders	2 hours
Drill 1.2 – Tying a Halyard	1 hour
Drill 1.3 – Ladder Carries	3 hours
Drill 1.4 – Deploying a Roof Ladder	2 hours
Drill 1.5 – Exiting off a Ladder	2 hours
Drill 1.6 – Aerial Ladder Drill	1 hour
Drill 1.7 – Ladder Raises	3 hours
Drill 1.8 – Paxton Ladder	1 hour
Drill 1.9 – Inspecting, Cleaning, Maintaining	20 minutes
Drill 1.10 – Specialty Ladder Raises	2 hours
Drill 1.11 – Civilian Rescue	1 hour
Drill 1.12 – Hoisting Ladders	1 hour
Module 2 - Hose and Appliances	1 hour
Drill 2.1 – Flat, Accordion, Minuteman, Horseshoe Loads	3 hours
Drill 2.2 – Coupling and uncoupling	1 hour
Drill 2.3 – Hose Rolls	3 hours
Drill 2.4 – Extending a Line, Hose Rolls, Bundles	2 hours
Drill 2.5 – Extending a Line Hose Load	1 hour

Drill 2.6 – Forward and Reverse Lays	3 hours
Drill 2.7 – Hoisting a Line Charged and Uncharged	1 hour
Drill 2.8 – Triple Layer, Flat, Reverse Horseshoe Load	1 hour
Drill 2.9 – Replacing Hose Lines	1 hour
Drill 2.10 – Long Leadouts	1 hour
Drill 2.11 – Hoseline Up and Down stairs	1 hour
Drill 2.12 – Inspecting, Cleaning, Maintaining	20 minutes
Drill 2.13 – Advance a 2 1/2 attack line	1 hour
Drill 2.14 – Advancing and Flowing	1 hour
Drill 2.15 – Line up a Ladder	1 hour
Drill 2.16 – Advance a 1 3/4" attack line	1 hour
Module 3 - Nozzles and Fire Streams	1 hour
Drill 3.1 – Nozzle Operations	1 hour
Drill 3.2 – Point of Vantage Lead Outs	1 hour
Drill 3.3 – Inspecting, Cleaning, and maintaining	20 minutes
Module 4 - Water Supply	1 hour
Drill 4.1 – Hydrant Connections	2 hours
Drill 4.2 – Fire Department Correction	45 minutes
Drill 4.3 – Drafting and Porta Tank Operations	2 hours
Drill 4.4 – Standpipe Operations	1 hour
Module 5 - Master Streams	1 hour
Drill 5.1 – Master Streams	1 hour
Drill 5.2 – Stream Applications	2 hours

Module 6 - Forcible Entry	1 hour
Drill 6.1 – Forcible Entry Application	2 hours
Drill 6.2 – Inward and Outward Swinging Doors	1 hour
Drill 6.3 – Garage Doors and Gates	1 hour
Drill 6.4 – Padlocks, Pipes, Chains	1 hour
Drill 6.5 – Through the Lock, Rabbit Tool, Lock Box	1 hour
Drill 6.6 – Screwed and Glued	1 hour
Drill 6.7 – Garage Doors/Roll up Doors/ Windows/Walls	1 hour
Drill 6.8 – Small Tools	1 hour
Module 7 - Ventilation	1 hour
Drill 7.1 – Ventilation	2 hours
Drill 7.2 – Ventilation Walk-Through	1 hour
Drill 7.3 – Chopping Prop	1 hour
Drill 7.4 – Flat Roof Prop – Hand Tools	1 hour
Drill 7.5 – Flat Roof Prop – Saw	1 hour
Drill 7.6 – Pitched Roof Prop – Hand Tools	1 hour
Drill 7.7 – Pitched Roof Prop – Saw	1 hour
Drill 7.8 – Saw Care	1 hour
Drill 7.9 – Vent Enter Search	3 hours
Drill 7.10 – Inspecting, Cleaning, and Maintaining	1 hour