

# Program of Instruction

## Course Syllabus

**Course Title:** Basic Operations Firefighter Module C

**Course Duration:** 82 hours

**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, 5<sup>th</sup> Edition. Instructor Resource Kit, Fire Protection Publications, 2008

Firefighter's Handbook Firefighting and Emergency Response, 3<sup>rd</sup> 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: Search & Rescue

Terminal Learning Objectives:

At the conclusion of this module, the student will be able to identify the proper procedures to use when conducting a search and rescue operation.

Module: 2

Title: Fire Control

Terminal Learning Objectives:

At the conclusion of this module, the student will explain principles of fire control.

Module: 3

Title: Vehicle Fires

Terminal Learning Objectives:

At the conclusion of this module the student will explain the basic tactics in extinguishing vehicle fires.

Module: 4

Title: Foam

Terminal Learning Objectives:

At the conclusion of this module, the student will be able to correctly utilize the four main types of foam.

Module: 5

Title: Loss Control

Terminal Learning Objectives:

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

Module: 6

Title: Basement Fire

Terminal Learning Objectives:

At the end of this module the student will be able to explain basic strategies and tactics associated with extinguishing basement fires.

Module: 7

Title: LP Gas

Terminal Learning Objectives:

At the end of this module, the student will understand basic principles of propane incidents.

Module: 8

Title: Wildland Firefighting

Terminal Learning Objectives:

At the conclusion of this module, the student will explain principles and procedures of fighting wildland fires.

Module: 9

Title: Rural Water

Terminal Learning Objectives:

At the end of this module, the student will explain how a rural water supply operation is established.

Module: 10

Title: Installed Systems

Terminal Learning Objectives:

At the conclusion of this module, the student will be familiar with the various types and components of installed fire suppression systems.

Module: 11

Title: Firefighter Survival

Terminal Learning Objectives:

At the conclusion of this module, the student will understand techniques to enhance firefighter survival.

Module: 12

Title: RIT Team Operations

Terminal Learning Objectives:

At the conclusion of this module, the student will explain the techniques and strategies used during RIT operations.

Module: 13

Title: Cause and Origin

Terminal Learning Objectives:

At the conclusion of this module, the student will explain the duties of a firefighter as they relate to cause and origin investigation.

Module: 14

Title: Prevention and Public Education

Terminal Learning Objectives:

At the conclusion of this module, the student will identify fire prevention and public education issues, components, and programs.

Scenario

Terminal Learning Objectives:

At the end of this module, students will demonstrate essential firefighting skills as it relates to fire ground operations.

# Course Schedule

## Module C

<u>Event</u>	<u>Duration</u>
Module 1: Search and Rescue	2 hours
Drill 1.1 – Moving in a Building with Tools	2 hours
Drill 1.2 – Moving Up and Down Stairs	1 hour
Drill 1.3 – Search	2 hours
Drill 1.4 – Civilian Drags and Carries	1 hour
Drill 1.5 – Civilian Rescue Stairs and Ladders	2 hours
Drill 1.6 – Vent Enter Search	1 hour
Module 2: Fire Control	2 hours
Drill 2.1 – Advancing and Flowing	2 hours
Drill 2.2 – Advance a 2 ½	2 hours
Drill 2.3 – Line up a ladder	1 hour
Drill 2.4 – Stream Application	2 hours
Drill 2.5 – Pump Can and APW	1 hour
Module 3: Vehicle Fires	1 hour
Drill 3.1 – Vehicle Fire	2 hours
Module 4: Foam	1 hour
Drill 4.1 – Foam	2 hours

Module 5: Loss Control	1 hour
Drill 5.1 – Salvage Cover Roll, Folds, Deployment	2 hours
Drill 5.2 – Water Chute, Catch All	2 hours
Drill 5.3 – Inspecting, Cleaning, and Maintaining	1 hour
Drill 5.4 – Securing the Fire Scene	1 hour
Module 6: Basement Fire	1 hour
Drill 6.1 – Basement Fire	2 hours
Module 7: Liquid Propane	1 hour
Drill 7.1 – LP Burn	2 hours
Module 8: Wildland Firefighting	1 hour
Drill 8.1 – Wildland Extinguishing Techniques	1 hour
Drill 8.2 – Cutting a line	1 hour
Drill 8.3 – Firing Devices/Equipment Familiarization	1 hour
Module 9: Rural Water	1 hour
Drill 9.1 – Drafting and Porta-Tank Ops	3 hours
Module 10: Installed Systems	1 hour
Drill 10.1 – Fire Dept. Connection	1 hour
Drill 10.2 – Standpipe Operations	1 hour
Module 11: Firefighter Survival	1 hour
Drill 11.1 – Emergency Egress	2 hours
Drill 11.2 – Disentanglement	1 hour
Drill 11.3 – SCBA Confidence Drill	1 hour

Module 12: RIT Team Operations	1 hour
Drill 12.1 – Approaching a Downed Firefighter	2 hours
Drill 12.2 – Firefighter Drags	3 hours
Drill 12.3 – Moving Firefighter Up and Down Stairs	2 hours
Drill 12.4 – Nance Drill	2 hours
Drill 12.5 – Rescue Drill	4 hours
Drill 12.6 – Denver Drill	1 hour
Module 13: Cause and Origin	1 hour
Drill 13.1 – Cause and Origin	1 hour
Module 14: Prevention and Public Education	1 hour
Scenario: Single Family Dwelling Fire	8 hours