

# Program of Instruction

## Course Syllabus

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

**Course Duration:** 67 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 fire ground. 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 fire ground. 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.

**Evaluation Strategy:** Students will be evaluated with an end of course exam, and performance evaluation checklist.

## **Course Content:**

### Module: 1

Title: Fire Department Organization

#### Terminal Learning Objectives:

At the conclusion of this module the student will explain the structure of Fire Departments and the duties of a firefighter.

### Module: 2

Title: Followership

#### Terminal Learning Objectives:

At the conclusion of this module, the will student will define traits of followership as it pertains to the dynamic relationship between leaders and followers.

### Module: 3

Title: History

#### Terminal Learning Objectives:

At the conclusion of this module, the student shall be able to explain the major events that have shaped the history of the fire service.

### Module: 4

Title: PPE & Safety

#### Terminal Learning Objectives:

At the conclusion of this module, the student will explain safety concerns on the fireground, and how those concerns may be mitigated.

### Module: 5

Title: Injury Prevention and Wellness

#### Terminal Learning Objectives:

At the end of this module the student will be able to explain concepts of injury prevention and wellness as it relates to firefighting.

### Module: 6

Title: SCBA

#### Terminal Learning Objectives:

At the conclusion of this module, the student will explain SCBA fundamentals as it pertains to structural firefighting.

### Module: 7

Title: Apparatus

#### Terminal Learning Objectives:

At the conclusion of this module, the student will explain the various types of fire service apparatus.

Module: 8

Title: Fire Behavior Part I

Terminal Learning Objectives:

At the conclusion of this module, the student will explain principles of fire behavior, and how it may effect fireground procedures

Module: 9

Title: Fire Behavior Part II

Terminal Learning Objectives:

At the conclusion of this module, the student will explain principles of fire behavior, and how it may affect fireground procedures.

Module: 10

Title: Building Construction Part I

Terminal Learning Objectives:

At the conclusion of this module, the student shall explain the different types/components of building construction and their associated hazards.

Module: 11

Title: Building Construction Part II

Terminal Learning Objectives:

At the conclusion of this module, the student shall explain the different types/components of building construction and their associated hazards.

Module: 12

Title: Communications

Terminal Learning Objectives:

At the conclusion of this module, the student will explain the function of different communication systems used in the fire service.

Module: 13

Title: Portable Extinguishers

Terminal Learning Objectives:

At the conclusion of this module, the student will explain the uses and operation of portable extinguishers.

Module: 14

Title: Ropes and Knots

Terminal Learning Objectives:

At the conclusion of this module, the student will explain the proper techniques of utilizing rope and tying knots.

# Course Schedule

## Module A

<u>Event</u>	<u>Duration</u>
Module 1 - Fire Department Organization	1 hour
Module 2 - Followership	1 hour
Module 3 - History	1 hour
Module 4 - PPE & Safety	1 hour
Drill 4.1 - Introduction to PPE	1 hour
Drill 4.2 – Utility Services	1 hour
Drill 4.3 – Introduction to Rig Checks	1 hour
Module 5 - Injury Prevention and Wellness	1 hour
Module 6 - SCBA	2 hours
Drill 6.1 – Air Cascade Operations	1 hour
Drill 6.2 –Emergency Procedures	2 hours
Drill 6.3 – Over the Head Method	2 hours
Drill 6.4 – Shifting and Dumping	2 hours
Drill 6.5 – Coat Swing Method	1 hour
Drill 6.6 – Don SCBA – seated position	1 hour
Drill 6.7 – Single FF Bottle Change	1 hour
Drill 6.8 – Two FF Bottle Change	1 hour
Drill 6.9 – Moving in a Building	1 hour
Drill 6.10 – SCBA Confidence Drill	3 hours

Drill 6.11 – Disentanglement Drill	4 hours
Drill 6.12 – Intermediate Smoke Drill	4 hours
Drill 6.13 – Advanced SCBA Maze	4 hours
Drill 6.14 – Daily Duties	1 hour
Drill 6.15 – Inspecting, Cleaning, and Maintaining	3 hours
Module 7 - Apparatus	1 hour
Module 8 - Fire Behavior Part I	1 hour
Drill 8.1 – Fire Behavior Streams Demo	1 hour
Module 9 - Fire Behavior Part II	1 hour
Module 10 - Building Construction Part I	1 hour
Drill 10.1 – Building Construction Tour	3 hours
Module 11 - Building Construction Part II	1 hour
Module 12 - Communications	1 hour
Drill 12.1 – Communications Drill	2 hours
Drill 12.2 – Emergency Egress	2 hours
Module 13 - Portable Extinguishers	1 hour
Drill 13.1 – Extinguisher Charging and Maintenance	1 hour
Drill 13.2 – Dry Chemical Extinguishers	1 hour
Drill 13.3 – Pump Can and APW	1 hour
Module 14 - Ropes and Knots	1 hour
Drill 14.1 – Fire Service Knots	3 hours
Drill 14.2 – Hoisting a Line – Charged/Uncharged	1 hour
Drill 14.3 – Hoisting Tools and Equipment	3 hours