

University of Illinois Fire Service Institute

Course Syllabus

Course Title: Essentials III

Course Duration: 16 hours

Program: Fire Fighting Program

Course Prerequisites: None

Course Description: Essentials III is the third installment in the Essentials Program. The Essentials Program is designed to introduce new and novice firefighters to essential skills in the fire service. Each level of the Essential Program, Levels I, II, and III will introduce firefighters to skills that will build upon one another as participants progress through the program.

The Essentials Program is designed to meet the requirements of NFPA 1403, the Standard on Live Fire Training Evolutions and parallels the Illinois Fire Service Institute's Minimum Fire Fighter Training Guide. The scope of the Essentials Program is to prepare personnel for supporting the station and exterior firefighting operations.

The Essentials III course will immerse the firefighter in skills related to basic pump operations, fire suppression, portable extinguishers, ropes and knots, rescue and RIT procedures, and vehicle fires.

Course Requirements:

Pre-Course Work – None

Course Work – Attend and Participate in all classroom and practical sessions.

Post-Course Work – Complete Online Course Evaluation Questionnaire

Course Policies:

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.

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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.

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: 17

Title: Basic Pump Operations

Terminal Learning Objective:

At the conclusion of this module, the student will operate a pumping apparatus to establish attack lines and water supply.

Module: 18

Title: Fire Suppression

Terminal Learning Objective:

At the conclusion of this module, the student will describe principles of fire suppression.

Module: 19

Title: Portable Extinguishers

Terminal Learning Objective:

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

Module: 20

Title: Ropes and Knots

Terminal Learning Objective:

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

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Module: 21

Title: Rescue and RIT Procedures

Terminal Learning Objective:

At the conclusion of this module, the student will explain the fundamental functions of a Rapid Intervention Team (RIT).

Module:22

Title: Vehicle Fires

Terminal Learning Objective:

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

Reference List:

IFSTA Essentials of Firefighting, 7th Edition

NFPA 1001 Standard of Fire Fighter Professional Qualifications, 2019 Edition

NFPA 1403 Standard on Live Fire Training Evolutions, 2018

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Course Schedule

DAY ONE

<u>Event</u>	<u>Duration</u>
Module 17 Basic Pump Operations	
Classroom	30 Minutes
Drill 17.1 Basic Pump Operations	3 Hours
Total Module Time	3 Hours 30 Minutes
Module 18 Fire Suppression	
Classroom	1 Hour 30 Minutes
Total Module Time	1 Hour 30 Minutes
Module 19 Portable Extinguishers	
Classroom	1 Hour
Drill 19.1 Extinguisher Maintenance	30 Minutes
Drill 19.2 Pump Can and APW	30 Minutes
Total Module Time	2 Hours
Module 20 Ropes and Knots	
Classroom	1 Hour
Drill 20.1 Knots	1 Hour
Drill 20.2 Hoisting Tools and Equipment	1 Hour
Total Module Time	3 Hours

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Module 21 Rescue and RIT Procedures

Classroom	1 Hour
Drill 21.1 Approaching a Downed Member	30 Minutes
Drill 21.2 Firefighter Drags	1 Hour
Drill 21.3 RIT Pack Familiarization	30 Minutes

Total Module Time 3 Hours

Module 22 Vehicle Fires

Classroom	1 Hour
Drill 22.1 Car Fires	2 Hours

Total Module Time 3 Hours

Essentials III Total Time 16 Hours