

# Program of Instruction

## Course Syllabus

**Course Title:** Fire Ground Ropes and Knots

**Course Duration:** 1-16 Hours

**Program:** Firefighting

**Course Description:** This program is designed to teach students how to utilize different types of rope and knots commonly used in the fire service. The focus will be on the application of ropes and knots in firefighting functions.

**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 class.

Post-Course Work: None

### **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.

**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.

**Course Content:**

Module: 1

Title: Ropes and Knots

Terminal Learning Objectives:

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

**Reference List:** Delmar, Firefighter's Handbook, 3<sup>rd</sup> Edition

## Course Schedule

<b><u>Event</u></b>	<b><u>Duration</u></b>
Module 1 – Ropes and Knots	1 hour
Drill 1.1 – Knots	3 hours
Drill 1.2 – Hoisting Tools and Equipment	2 hours
Drill 1.3 – Hoisting a Line	1 hour
Drill 1.4 – Tying a Halyard	1 hour
Additional practice of practical's	8 hours