

University of Illinois Fire Service Institute

Course Syllabus

Course Title: Propane Fire Fighting

Course Duration: 4 hours

Program: Propane, Oil, and Gas

Course Prerequisites: None

Course Description: Liquefied Petroleum Gas (LPG) Emergencies is a course aimed at personnel (emergency responders, Industry and Hazardous Materials teams) who may respond to handle Liquefied Petroleum Gas emergencies. The students will learn what LPG is and tactics for handling emergency situations involving LPG. The course includes hands-on training for handling and controlling live flammable gas releases.

Course Requirements:

Pre-Course Work – None

Course Work – Attend and participate in lectures and drills.

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.

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.

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Course Content:

Module: 1

Title: Propane Fire Fighting

Terminal Learning Objective: At the end of this module, the student will demonstrate basic emergency response principles as it pertains to propane emergencies.

Reference List:

Hildebrand, M.S. and Noll, G.G. (1999). *Propane Emergencies* (3rd edition).
Chester, Maryland: Red Hat Publishing.

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Course Schedule

DAY ONE

<u>Event</u>	<u>Duration</u>
Module 1 – Propane Fire Fighting	1 hour 30 minutes
Drill 1.1 – 500-gallon Tank	1 hour
Drill 1.2 – Simple Flange	30 minutes
Drill 1.3 – Pipe Flange combination	30 minutes
Drill 1.4 – Bobtail	30 minutes
