

Program of Instruction

Course Syllabus

Course Title: Firefighting Tools: What You Need to Know

Course Duration: 4 hours

Program: Firefighting

Course Prerequisites: None

Course Description: The Firefighting Tools: What You Need to Know Course is designed for students interested in learning about effective fireground tool usage and maintenance. Class discussions will be interactive and address the tips and tricks of the trade. Experienced instructors will focus on tool usage, cleaning, maintenance, and best practices.

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 sessions have ended, but prior to receiving a certificate of completion. (Post-Course Work)

Summary of Directions

Pre-Course Work: None

Course Work: Attend and participate in 100% of the course

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.

Course Content:

Module: 1

Title: Hand Tools

Terminal Learning Objective:

1. At the conclusion of this module, the student will explain the steps involved with the basic maintenance of hand tools.

Module: 2

Title: Gas Powered Tools

Terminal Learning Objective:

2. At the conclusion of this module, the student will identify the steps needed to start and maintain various power saws.

Module: 3

Title: Inboard vs. Outboard Power Saws

Terminal Learning Objective:

3. At the conclusion of this module, the student will identify the difference between the Inboard and Outboard power saws.

Module: 4

Title: Specialty Tools

Terminal Learning Objective:

4. At the conclusion of this module, the student will describe the steps involved with the basic care of specialty tools.

Module: 5

Title: High Pressure Air Bags

Terminal Learning Objective:

5. At the conclusion of this module, the student will describe the steps involved with the basic care of high pressure air bags.

Module: 6

Title: Air Tools

Terminal Learning Objective:

6. At the conclusion of this module, the student will describe the steps involved with the basic care of Air Tools.

Module: 7

Title: Arc Air Torch

Terminal Learning Objective:

7. At the conclusion of this module, the student will describe the steps involved with the basic care of Arc air torches.

Module: 8

Title: Battery Operated Tools

Terminal Learning Objective:

8. At the conclusion of this module, the student will describe the steps involved with the basic care of battery operated tools.

Course Schedule

DAY ONE

<u>Event</u>	<u>Duration</u>
Module 1 – Hand tools	30 minutes
Module 2 – Gas Powered Tools	30 minutes
Module 3 – Inboard vs. Outboard Power Saws	30 minutes
Module 4 – Specialty Tools	30 minutes
Module 5 – High Pressure Air Bags	30 minutes
Module 6 – Air Tools	30 minutes
Module 7 – Arc Air Torch	30 minutes
Module 8 – Battery Operated Tools	30 minutes
