

# Program of Instruction

## Course Syllabus

**Course Title:** Thermal Imaging Camera

**Course Duration:** 1-16 hours

**Program:** Firefighting

**Course Prerequisites:** None

**Course Description:** This 1-16 hour course is designed for the firefighter with more than one year of experience; however, students of all experience levels are encouraged to attend. The material will give students a basic understanding of Thermal Imaging Cameras. Students will become familiar with the thermal imaging camera application and operations, including departmental SOGs for camera usage. The class includes how a thermal camera operates, situations where a camera can assist the firefighter, plus situations where a camera may not be reliable. The course can be tailored to your departments needs to include only a lecture/overview, or lecture with drills.

**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: Participate in all lectures and applicable practical exercises

Post-Course Work: None

**Safety Policy:** Full PPE required if using a live fire or smoke drill as a component of this course. 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:**

Title: Thermal Imaging Cameras

Terminal Learning Objectives:

At the conclusion of this module the student will demonstrate the use of a thermal imaging camera during fireground operations.

## Course Schedule

<u>Event</u>	<u>Duration</u>
Module – Thermal Imaging Camera	4 hours
Drills– Thermal Imaging Camera Drills Without live fire/smoke	4 hours
Drills - Thermal Imaging Camera Drills With live fire/smoke	8 hours