



# Fire Inspector I (FI-I)

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## Course Outline

**Cost:** \$297, allowing for 120 days of access.

**Course Description:** This **16-module course** with module specific practice quizzes, followed by individual practice exams, is based on the *2015 International Fire Code (IFC)*, *2015 International Building Code (IBC)* and *IFSTA Fire Inspection and Code Enforcement, 8<sup>th</sup> Edition* as well as requirements from NFPA 1031: Standard for Professional Qualifications for Fire Inspector and Plan Examiner. This course will assist you in developing the necessary skills and applying the practical application needed as a Fire Inspector. Each module consists of multiple integrated video presentations (**41 total**), including presentation slides, explanation, examples, and review quizzes. Modules are designed to be **20-60 min.** in length.

**Course Objectives:** This course is designed to prepare you for the *Fire Inspector I examination administered through the International Code Council's (ICC)*, utilizing the *2015 IFC, 2015 IBC & IFSTA Fire Inspection and Code Enforcement, 8<sup>th</sup> Edition*. This course will assist the Fire Inspector in performing inspections for compliance with Codes and Standards adopted by their jurisdiction. This course will also cover skills necessary for a Fire Inspector to evaluate compliance for means of egress and fire protection requirements for occupancies being inspected and identify any deficiencies. This course will also aid the Fire Inspector in identifying the various types of construction and occupancy classifications, interior finishes, and general fire and life safety requirements, and how to determine the operational readiness of existing fire protections systems. This course can also serve as a review for those already familiar with the basic fire inspection and code enforcement principles.

**Texts and Readings:** The *2015 IFC, 2015 IBC and IFSTA Fire Inspection and Code Enforcement, 8<sup>th</sup> Edition* are the textbooks for this course. It is highly recommended that you purchase a paper-back copy of these codes, which are available online at [www.iccsafe.org](http://www.iccsafe.org). A physical copy can be utilized during the actual exams, which are open book, and serves as a valuable reference for in the field inspections. **NOTE:** Only the *IFC* and *IBC* are allowed to be used while testing. While questions will be asked from the *IFSTA*, it is not allowed in the testing center.

**Prerequisites - NFPA 472 HazMat Awareness:** Successful candidates for the Fire Inspector I certification must provide a signed affidavit and documentation of completion of a training course compliant with NFPA 472 HazMat Awareness. The affidavit can be found at the following link: [www.iccsafe.org/Certification](http://www.iccsafe.org/Certification).

This course is available at no charge courtesy of the Utah Fire and Rescue Academy through the following link:

[https://www.uvu.edu/ufra/docs/training/hazmat\\_awareness\\_course/hazmat\\_awareness\\_course\\_access\\_inst\\_2.pdf](https://www.uvu.edu/ufra/docs/training/hazmat_awareness_course/hazmat_awareness_course_access_inst_2.pdf)



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## Course Outline of Topics:

Module:	Topics:	Readings:	Quiz:	Duration:
1	Duties and Authority	IFSTA Chapter 1	Y	55 min.
2	Codes, Standards, and Permits	IFSTA Chapter 2	Y	25 min.
3	Fire Behavior	IFSTA Chapter 3	Y	29 min.
	-Part 2			32 min.
	-Part 3			28 min.
4	Construction Types and Occupancy Classifications	IFSTA Chapter 4	Y	35 min.
	-Part 2			34 min.
5	Building Construction	IFSTA Chapter 5	Y	28 min.
	- Part 2			21 min.
6	Building Components	IFSTA Chapter 6	Y	36 min.
	- Part 2			34 min.
	- Part 3			29 min.
7	Means of Egress	IFSTA Chapter 7	Y	45 min.
	- Part 2			34 min.
8	Site Access	IFSTA Chapter 8	Y	31 min.
9	Fire Hazard Recognition	IFSTA Chapter 9	Y	36 min.
	- Part 2			49 min.
10	Hazardous Materials	IFSTA Chapter 10	Y	26 min.
	- Part 2			18 min.
	- Part 3			19 min.
	- Part 4			8 min.
	- Part 5			21 min.
11	Water Supply Distribution Systems	IFSTA Chapter 11	Y	32 min.
	- Part 2			18 min.
	- Part 3			20 min.
12	Water-Based Fire Suppression Systems	IFSTA Chapter 12	Y	42 min.
	- Part 2			21 min.
	- Part 3			31 min.
13	Special-Agent Fire Extinguishing Systems and Portable Extinguishers	IFSTA Chapter 13	Y	24 min.
	- Part 2			28 min.
	- Part 3			23 min.
14	Fire Detection and Alarm Systems	IFSTA Chapter 14	Y	40 min.
	- Part 2			40 min.
15	Plan Review and Field Verifications	IFSTA Chapter 15	Y	44 min.
16	Inspection Procedures	IFSTA Chapter 16	Y	37 min.
	- Part 2			31 min.
	- Part 3			32 min.
	<i>16 Quizzes</i>			
	<i>210 Questions, 2 min. each</i>	<i>2015 IFC &amp; IFSTA</i>		<i>420 min.</i>
	<i>16 Practice Exams (One per Module)</i>	<i>2015 IFC &amp; IFSTA</i>		<i>930 min.</i>
	<b>Total Course Time</b>	<i>Nearly 19 hrs. of video</i>		<b>41.5 hours</b>



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**Quizzes and Exams:** Each module associated with this course will be followed by an assessment quiz of varying length. A passing score of 75% is required in order to advance to the next module. At the conclusion of the course is a timed practice exam. The exam is similar in length, content, and duration as the actual ICC exams. A passing score of 75% is required in order to obtain a certificate of completion from WC3 for this course. Topics in both the exam and the quizzes may or may not have been covered in the video modules. A thorough reading of the code may be necessary in order to progress through this course.

**Expectation of Participants:** This course requires that you to watch each training video, complete each quiz, as well as the exam. You are expected to read portions of the applicable code and become familiar with its layout and organization. We recommend 2 hrs. of personal study, for each module. Marking, tabbing, and highlighting in the code book is highly recommended. We have layout out a plan and method to help you learn the material, but it's up to you to put in the work necessary for you to mater the material. You can progress through this course at your own pace; however, you only have access for 120 days.

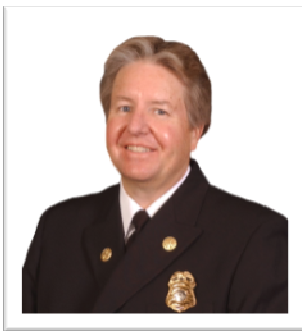
**Continuing Education Credits:** Completion of this course results in **4.15 CEUs** being provided by ICC, as West Coast Code Consultants is a Preferred Provider.



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PROVIDER



## **Instructors:**



**Scott Adams** graduated from the University of Maryland with a Bachelor of Science degree in Fire Protection Engineering. He is certified as an ICC Fire Code Inspector II and Building Plans Examiner. Mr. Adams served as Chairman for the 2002 Winter Olympics Fire Marshals Work Group, and was instrumental in developing the fire and life safety guidelines that were used in both permanent and temporary Olympic facilities and the planning and implementation of fire prevention and exiting programs for the games. He provides plan review and inspection services for all fire sprinkler systems, fire alarm systems, specialized fire protection and detection systems, smoke management systems and detailed water supply analysis.



**Scott Spencer** earned a Bachelor of Science Degree in Technology Management, an Associate Degree in Fire Science and Associate of Applied Science in General Education. He serves on the Utah Fire & Rescue Academy Certification Council, which he is currently the Chair, and is an Adjunct Instructor for Utah Valley State College. He has served on the Utah State Fire Prevention Board from 2005 to 2013. He also has served as the President of the Utah County Fire Chief's Association twice and served as the Chair of the Utah Valley Special Service District Operations Board and is currently serving as the President of the Fire Marshal's Association of Utah.