



King County Fire Training Officer's Association Officer Development Academy Course Syllabus

Company Officer Fire Inspector – Beyond the Three Es (Exit Lights, Extinguishers & Extension Cords)

Course Information

Course Title:	Fire Inspection: Company Officer Inspector – Beyond the Three Es (Exit Lights, Extinguishers & Extension Cords)
Course Description:	This course has been designed to provide an introduction to concepts of fire prevention and an overview of the fire & life-safety provisions of the International Building and Fire Codes. This will be accomplished while showing how enforcement of their provisions supports fire operations strategies.
Dates:	April 11-13, 2018
Class Time:	0830-1630
Location:	City of Snoqualmie Fire Department 37600 SE Snoqualmie Parkway Snoqualmie, WA 98065
Prerequisites/Pre-course Assignment:	Fire Department Affiliation Pre-course Reading Assignment: <ul style="list-style-type: none">• The following sections in your Student Manual<ul style="list-style-type: none">○ “The Behavior of Fire and Fire Prevention”○ “Building Construction and Occupancy Types”○ “Means of Egress”• The “Table of Contents” of the <i>International Fire Code – 2015 Edition</i> Pre-select a multi-tenanted building in your first-in response area or within your department’s boundaries you will inspect as part of your take home assignment
College Credits:	No



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Instructor Information

Instructor:

Michael Trabue

Mike is currently an Assistant Chief Deputy at the Oregon Office of the State Fire Marshal where he leads and direct the administration of the twenty-three members of the office's Fire & Life Safety Services Branch. This Branch oversees and directs fire investigations, fire and life safety inspections, institutional occupancy fire prevention and Federal Medicare/Medicaid certification surveys for compliance with fire and life safety standards for federal funding of healthcare facilities; and, code enforcement and consultation functions concerning the adequate egress from all public buildings throughout the State of Oregon.

Prior to joining the Oregon Office of the State Fire Marshal, Mike served as the Deputy Chief/Fire Marshal with the City of Albany for nine years providing program management for the Fire and Life Safety Division. Before joining the Albany Fire, Mike served the Redmond (WA) Fire Department for thirteen years, with the last eight serving as an Assistant Fire Marshal overseeing program management of fire maintenance inspections and fire investigations.

Mike has been in the fire service since 1977, serving as a firefighter, EMT-Cardiac Technician, and Fire Investigator. His last twenty-five years have been spent in Fire Prevention, including 2 years in the private sector conducting Fire Protection Engineering work. Mike has served as the Eastside HazMat Team's Team Leader/Coordinator, and is familiar with hazardous material response and code-related issues. He has been an instructor for Bellevue Community College's "Fire Plan Review" course and for the King County Fire Training Officer's Association Officer Development Academy's Fire Inspector class (2001, 2004 thru 2016). He is currently 1st Vice President on the Board of the Oregon Fire Marshals Association.



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Mike has an A.S. in Public Fire Administration, B.S in Business Administration and is certified by the International Codes Council (ICC) as a Building Plans Examiner, Fire Plans Examiner and a Fire Inspector 2. He also is certified by IFASC as a Fire Investigator and Instructor I, the Oregon State Fire Marshal's Office as a Fire Marshal; and, maintains an Oregon Inspector Certification with Oregon's State Building Codes Division.

Instructor Phone: 206.999.6303

Instructor Email: fire.stop@comcast.net

Instructor Contact: Email: You may contact me by email at any time. Response will be within 24 hours.

Phone: If you need to contact me by phone, please do so only between the hours of 0800-1900.



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Course Design

- Texts:** 2012 International Fire Code. [ISBN-10: **1609830466** | ISBN-13: **978-1609830465**] (<http://shop.iccsafe.org/codes/2012-international-codes/2012-international-fire-code/2012-international-fire-code.html>); 2013 State of Washington Fire Code Amendments – State Building Codes Council (SBCC)
- Additional Materials:** Two handout texts.
**PDF versions of the first three sections will be e-mailed to registrants prior to class. Instructor will provide hard copies the first day of class.
- Course Objectives:** This course has been designed to provide prospective engine company officers with the information necessary to understand the process of conducting fire inspections to implement that process at the engine company level (The basics) as identified in NFPA Standard #1021:
- Describe the procedures for conducting fire inspections, given various occupancies:
 - Evaluate and identify construction, alarm, detection, and suppression features that contribute to or prevent the spread of fire, heat, and smoke throughout the building or from one building to another, given an occupancy, to evaluate the development of a pre-incident plan for various occupancies:
- Upon completion, the student will:
- Recognize the International Building Code – 2012 passive fire protection and life-safety requirements.
 - Recognize the International Fire Code – 2012 active fire protection and life-safety requirements.
 - Understand how IFC requirements fit within RECEO incident priorities.
 - Have a practical knowledge of the International Fire Code – 2012.



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Course Policies: This course is designed to develop critical thinking skills requiring the students to participate in both classroom discussions and group activities. All students will respect the opinions of others and may debate in a manner that is respectful of all. You get out of this class what you put into it.

Attendance: Attendance is an important part of the class and will be reflected in the final grade. All students should attend all training sessions. If you cannot attend class, contact the instructor 24 hours prior to class to arrange makeup of the work.

Grading: Grading will be based on several elements totaling 100 points:

	Percent
Class Attendance	30
Final Written	70
<u>Take home fire inspection practical exercise – minimum score of 70%</u>	<u>Pass/Fail</u>
Total	100

Points		Grade
100-99	4.0-3.9	A
98-95	3.8-3.5	A-
94-92	3.4-3.2	B+
91-89	3.1-2.9	B
88-85	2.8-2.5	B-
84-82	2.4-2.2	C+
81-79	2.1-1.9	C
78-75	1.8-1.5	C-
74-72	1.4-1.2	D+
71-69	1.1-0.9	D
68-65	0.8-0.7	D-
64-0	0.6-0.0	F



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Exams:

- Written Exam (multiple choice/True-False)
- Take Home Fire Inspection Project due within 3three weeks after last class day

Instructor Tips for Success:

- Arrive at class on time.
- Be prepared to engage in discussion
- Complete all pre-course reading assignments
- Take notes
- Read ahead in the Student Manual each evening prior to the next class day

College Policies

Students with
Disability