

FIRE SERVICE TRAINING WORKSHOPS

Responding to your training needs

- These workshops address many of the 16 Firefighter Life Safety Initiatives set forth by the National Fallen Fire-fighters Foundation.
- *Structural Firefighter Safety in the Urban Interface* workshop meets and exceeds the classroom portion of the Annual Fireline Safety Refresher Training requirements set forth by NWCG.



Integrated Fire Solutions

Fire Service Training Workshops

THE WORKSHOPS

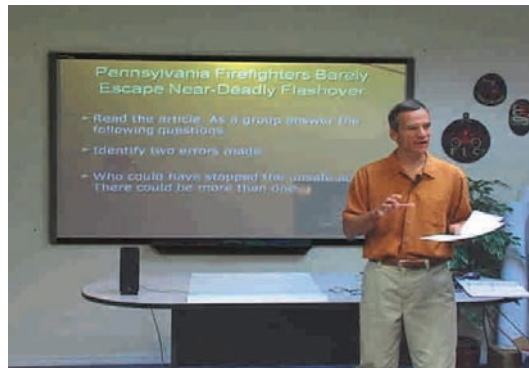
MANAGING FIREGROUND RISK

This workshop utilizes the latest human factors findings to enhance decision making, error recognition/management, and communications to create fast and workable tools to assist the structural fire fighter with managing risk.

STRUCTURAL FIREFIGHTER SAFETY IN THE URBAN INTERFACE

The workshop is designed to enhance safety by utilizing the Campbell Prediction System integrated into basic wildfire behavior. The predictions, coupled with human-factors findings, are then entered into the risk-management process which identifies and mitigates hazardous interface fire situations.

CONFERENCE SESSIONS These 2-hour sessions can also be used to augment your established Fire Officer/ Firefighter training curriculums.



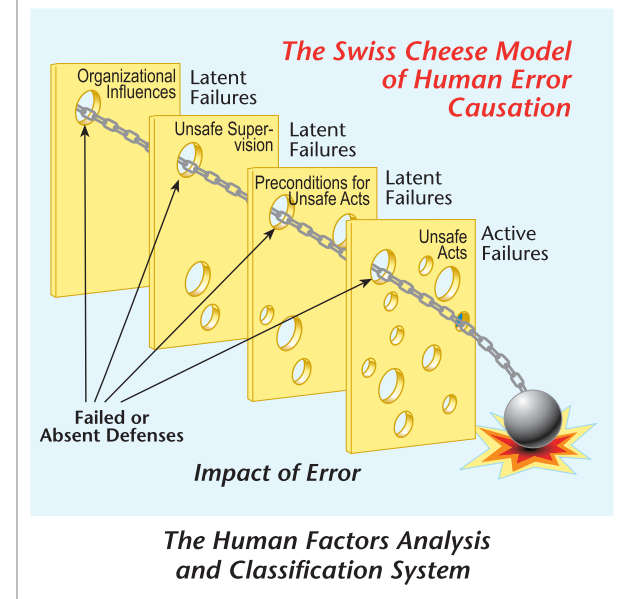
IFS workshops are highly interactive; utilizing photo, video, and group exercises to re-enforce the content.

BENEFITS OF IFS TRAINING

- Smaller class size allows for increased student interaction.
- Multiple group exercises facilitate retention of the material.
- Real world solutions to an age-old problem.
- Fully understanding how we make decisions and why those decisions can be flawed.
- Utilizing the 5-Step Briefing Process format increases the effectiveness of fireground communications.

Examples from the workshop Managing Fireground Risk

From Module 1:



Partial Agenda from Module 2:

Hazard Mitigation through Risk Management utilizes a 5-Step Process:

- 1. Situational Awareness:** How well your perception matches reality. If your SA is high, you have an accurate perception of reality.
- 2. Hazard Assessment:** Assess hazards to determine risks. (fire behavior, building construction, command of the incident, structural watchouts)
- 3. Hazard Control:**
 - Determine the best approach to mitigate or control the risk from the hazards assessed.
 - Establish controls (Risk Management Tactics, LCES, limit exposure time, etc.)
- 4. Decision Point:** Decision to accept or not accept the risk.
- 5. Evaluation:** The situation & human factors are evaluated.

About Your Lead Instructor

Quinn MacLeod began his fire service career in 1985, which includes 20 years on the line with the Parker Fire Protection District in Parker, Colorado. He sought out challenges in addition to station life and for 14 years served as the developer and supervisor of the districts Wildfire Program. He was able to gain large wildfire experience from incidents across the country, and has worked his way up through the NWCCG qualification ranks to Division / Group Supervisor. He holds an Associate's Degree in Fire Science, Fire Officer, Fire Instructor, and numerous other state and national certifications in structural and wildland fire operations.

Post-PFPD service has Quinn developing and instructing fire training workshops centered around managing risk and the study of human factors. He also contract instructs fire leadership courses for Mission Centered Solutions as a part of a three-person cadre on a national and international level. During wildfire season you will find him working as a Division Supervisor on fires across the country. The Division Supervisor role enables him to manage risk, hone his leadership skills, and observe first-hand human factors on the fireground.



"To think clearly allows for better recognition of errors... to manage those errors we must be able to communicate effectively... which is the key to managing fireground risk."

Quinn MacLeod, President/Lead Instructor
Integrated Fire Solutions
Fire Service Training Workshops
Boulder, Colorado 80304

303-810-5739

quinnmacleod@msn.com

Visit our website:

www.integrated-firesolutions.com

What others are saying about Quinn and IFS workshops

"We are always looking for additional training for our new company officers dealing with risk-management decision making. *"Risk Management at the Company Level"* was just the workshop. I have always thought that we needed a list of Watch Outs for structure firefighting, much like the wildland firefighter's *"18 Situations that Shout Watch Out"*.

This workshop provided the *Structure Fire Watch Out Situations*. This along with discussions and the practice of dealing with the Human Factors, Situational Awareness, and the 60-second briefing-provided additional tools for our Company Officers to use during that difficult time of risk-management decision making.

Quinn MacLeod uses his structure firefighting and wildland firefighting experience to support his teaching in this class. This is good training not only for the new company officer but also the seasoned fire officer."

– *Tim McElwee, Division Chief Prescott Fire Dept*

"Both workshops offered by "Integrated Fire Solutions" are excellent. Quinn brings his education, training and years of experience to make these workshops a life changing experience for each participant. All of our firefighters have benefited from his presentations, taking both workshops in 2008. I believe as a chief officer that our command staff and firefighters are better prepared today to address the complex issues of fire risk management and structural firefighter safety in the urban interface."

– *Steve Charles, Fire Chief, Berthoud Fire Protection District, Berthoud, Colorado*



Workshop Participants by Agency

Vail Fire Department, CO
Eagle River Fire District, CO
Rifle Fire District, CO
Alamosa Fire Department, CO
Tuscaloosa Fire Rescue, AL
Berthoud Fire District, CO
Boulder Rural Fire District, CO
Crystal Lakes Fire Department, CO
Colorado State Forest Service
Four Mile Fire District, CO
Prescott Area Captains Academy, AZ
Prescott Fire Department, AZ
Central Yavapai Fire District, AZ
Mayer Fire District, AZ
Chino Valley Fire District, AZ
Williamson Valley Fire District, AZ
Groom Creek Fire District, AZ
Rocky Mountain Fire, CO
Parker Fire District, CO
Pikes Peak Community College, CO
Lafayette Fire Department, CO
Loveland Fire Rescue, CO
Sheridan Fire Department, CO
Eaton Fire District, CO
Colorado Springs Fire Department, CO
Littleton Fire Rescue, CO
Evans Fire Rescue, CO
Falcon Fire District, CO
Genesee Fire Rescue, CO
Green Mountain Falls Fire, CO
Larkspur Fire District, CO
Northeast Teller County Fire District, CO

Conference Venues

Firehouse World, California
iWomen Conference, Nebraska
Ontario Canada Fire College, Keynote



**Integrated
Fire Solutions**

Fire Service Training Workshops



Integrated Fire Solutions

Boulder, Colorado 80304

303-810-5739

quinnmacleod@msn.com

www.integrated-firesolutions.com