
TRAINING
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NETWORK
LIVE-FIRE TRAINER
FDTN's Live-Fire Trainer course will help you learn and master the live-fire training environment...which will make your fireground a safer place!
Ultimately...it's comfort in the working environment that leads to success in the working environment.
COURSE MODULES INCLUDE:
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The Environment
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TRAINING SAVES LIVES
FIREFIGHTERS
Sept 27-30, 2027
National Fireground Training Academy
FOR MORE INFORMATION, OR TO REGISTER, CONTACT THE:
FIRE DEPARTMENT TRAINING NETWORK • P.O. BOX 1852 • INDIANAPOLIS, IN 46206
(317) 862-9679 OFFICE • WWW.FDTRAINING.COM • INFO@FDTRAINING.COM

About FDTN's Live-Fire Trainer Course:

The Fire Department Training Network's ***Live-Fire Trainer course*** is a 4-day hands-on training course designed to prepare trainers to conduct live-fire training in their container-based training props.

We're continuously asked what it takes to deliver the quality live-fire training evolutions at FDTN…and the only way we know how to answer that is to show you! FDTN's all-new Live-Fire Trainer course is designed to teach you the ins-and-outs of planning, preparing for, setting up, conducting, cleaning up, and documenting training fires in container-based training props. In addition, the course will also explain the roles of those involved in overseeing and conducting the training fires.

The class is made up of a mix of classroom, interactive discussion, and hands-on. Students will be responsible for planning, preparing, setting up, conducting, cleaning up, and documenting training fires as part of the completion requirements of the course.

A LOOK INSIDE THE COURSE

History of Live-Fire Training

The use of live-fire training, as a part of firefighter training and development, has been conducted for many years. Live-fire training should be an ongoing part of every firefighter's training…at the outset, and continuously during, their career.

While the successes of live-fire training can be measured, along the way there have been a number of tragedies that have occurred. As with most things, a failure to remember the past is often the cause of repeating the past…which, unfortunately, has happened during live-fire training over the years.

A result of both successes and failures during live-fire training led to the development and use of NFPA 1403, *Standard for Live Fire Training Evolutions, in 2002.*

NFPA 1403

NFPA 1403, *Standard for Live Fire Training Evolutions*, has been around since 2002. Over the years there have been changes and additions to address concerns and to keep up with the changes in modern firefighter training, training buildings and props. Like all standards, NFPA 1403 is a minimum standard intended to ensure all participating in live-fire training are following and using a plan. The plan includes all aspects of planning, preparation, safety, operation, and documentation of live-fire training.

FDTN LIVE-FIRE TRAINER CERTIFICATION

Upon successful completion of the FDTN ***Live-Fire Trainer Course***, students will be certified through the Fire Department Training Network as Live-Fire Trainer. *The course exceeds all aspects of NFPA 1403.*

Safety



Safety is an integral part of all firefighter training, and especially live-fire training. Fires are real, whether they are in the community or on the training ground. A major difference between fires in the community and those on the training ground is that we, as firefighters, light training fires. Firefighters are responsible for all aspects of training ground fires…they plan them, match them to the training being conducted, build them, ignite them, tend them, and oversee extinguishment of them.

Trainers are responsible for the safety of themselves, the students, the equipment, and the training building or prop. It becomes apparent quickly that the number of trainers required to conduct safe live-fire training often approaches the number of students being trained during an evolution.

The Building



The focus of FDTN's Live-Fire Trainer class is container-based training props. FDTN has multiple types of burn rooms in our props. The most basic room is comprised of the container itself, along with minimal steel plating, for longevity of critical areas, and steel channel and chain to secure the burn package. Over the years FDTN has tried many different configurations of plate steel in the rooms to understand how to get the most life out of a container. Another type of burn room used at FDTN involves traditional construction methods to create rooms that are framed-out and then lined with drywall. While the construction of the burn rooms is not the focus of the course, the room types have an impact on the burn packages used, duration of fire, interior conditions created, and amount of clean-up required. The variety of burn rooms at the academy provides the opportunity to see and observe the differences…before, during and after training fires.

The Burn Team

The Burn Team is responsible for setting up, igniting and tending the training fire while students are performing the training. At FDTN this is as important as Safety. Each training fire is designed

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REGISTRATION FEE

$3,295.00 ($2,895.00 FDTN MEMBERS)

to provide a *consistent* environment for students to learn…this is an essential component of high-quality training…and this is the ultimate responsibility of the Burn Team.

Types of Burns

FDTN live-fire training burns are always conducted for students to learn. The fire is a means to accomplish the desired learning, or to practice and continuously improve on prior learning. Basically…*live-fires at FDTN are designed to make you perform better on the fireground!*

There are basically 2 main types of fires conducted at FDTN, each fire has a purpose. Training fires are conducted for *Skills* and for *Scenarios*. ***Skill*** fires are designed to learn and master basic skills. ***Scenario*** fires are designed to practice and perfect previously learned skills in an operational environment…the fireground. The burn packages used to conduct each type of training fire vary based on the purpose of the fire and the size of the building or prop.

The Burn Cycle

Understanding the *Burn Cycle* of each type of burn is the key to producing a consistent training environment and providing quality training. While conducting an individual training burn, Burn Team members must know…from ignition to extinguishment…what to expect.

All fires follow a bell curve, and training fires are no exception. FDTN strives to maximize the duration that students can operate while the bell curve is it's peak. This ability comes from a thorough understanding of fire, the building or training prop, the burn package used, the amount of water applied during the burn cycle, and at times the weather.

Typically, firefighters know this bell curve as the stages of fire: *ignition, incipient, free-burning, smoldering,* and *extinguishment.* FDTN's fires are all designed and operated to increase the free-burning stage…which is done by using the transition times from incipient to free-burning and to smoldering.

The Environment



The interior training environment at FDTN is ***real!*** Each training fire is designed to maximize the interior environment…so that students can learn, perform, and perfect their knowledge in the conditions they *will* face on the fireground.

The training environment is produced by the training fire, and at times the use of burn barrels, and is ultimately the responsibility of the Burn Team. **Consistency** of the training environment is absolutely critical to the success of FDTN and the training of firefighters!

Burn Packages



The amount and type of fuel used for the various types of fires at FDTN is determined by the size and type of the burn room. The burn rooms at FDTN were designed to support the size of the building or prop they are in. The amount and type of fuel is also determined by the type of burn room…non-plated, plated, or drywalled.

Instructors and Crews



Conducting live-fire training requires a significant amount of properly trained personnel! In fact, committing the appropriate number of trainers to live-fire training is often a limiting factor in conducting this type of training. As with the fireground, the staffing needed is known ahead of time. However, we arrive to the fireground many times with inadequate staffing and tend to get by. That approach to live-fire training will simply not work. Unfortunately, there is plenty of material that will support the personnel needs.

Emergencies

Emergencies can and do happen during any training session, and live-fire training is no different. The planning and preparation for the training can significantly decrease the risk of any injury, but it can not eliminate it.

Having a plan, implementing the plan, following the plan, and continuously monitoring students while in and around the live-fire training environment will ultimately have an impact on the resolution of any emergency encountered.

Documentation

Documentation of live-fire training is done before, during and after the training. Each trainer involved should understand the reasons for, and also have a thorough working knowledge of, performing the documentation.

The Bottom Line

Live-fire training saves firefighters lives! There are simply not enough fires to respond to in any community for firefighters to maintain their learned firefighting and fireground skills. **FDTN's Live-Fire Trainer course** will help you learn and master the live-fire training environment…which will make your fireground a safer place for firefighters! Ultimately…*it's comfort in the working environment that leads to success in the working environment.*

FDTN Course Registration Form

COURSE TITLE: **FDTN Live-Fire Trainer**

COURSE DATE(S): ❒ **September 27-30, 2027**

HOST/LOCATION: **FDTN's National Fireground Training Academy – Indianapolis, Indiana**

STUDENT INFORMATION:

Name:_____ Rank:_____

Department: _____

Address: _____

City: _____ State: _____ Zip:_____

Phone: _____ Fax:_____

Email:_____

PAYMENT INFORMATION: ($3,295.00/$2,895.00 FDTN MEMBERS) TOTAL AMOUNT ENCLOSED: _____

❒ Check enclosed ❒ Department Purchase Order — Number:_____

❒ Credit Card (❒ MasterCard ❒ VISA ❒ AMEX)

Card Number: _____ Exp. Date:_____

Signature:_____

SUBMIT WITH PAYMENT TO:

Fire Department Training Network

P.O. Box 1852 • Indianapolis, IN 46206 • 317-862-9679 OFFICE

info@fdtraining.com • www.fdtraining.com

FDTN's Course Cancellation Policy: Cancellations must be made in writing to FDTN, PO Box 1852, Indianapolis, IN 46206, or by email to info@fdtraining.com. Cancellations received more than 45 days before the course start date receive a 90% refund of the registration fee. Cancellations received 31 to 45 days before the start date receive a 40% refund. Cancellations received within 30 days of the start date are non-refundable. Name changes are permitted at no charge up to the start of the event.

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