



# WINTER FIRE SCHOOL

SATURDAY, JANUARY 27, 2018 | 8AM - 5PM  
SUNDAY, JANUARY 28, 2018 | 8AM - 12PM

**ILLINOIS FIRE SERVICE INSTITUTE** UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

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# CALLING ALL FIRE SERVICE PROFESSIONALS!

The Illinois Fire Service Institute Winter Fire School provides top quality, immersive training opportunities for all skill levels. Participants can choose from classroom and/or hands-on training programs that meet individual professional needs. The low student to instructor ratio for all Winter Fire School courses allows for repetitive skills applications and solid engagement with our dynamic and knowledgeable instructor team.

## HANDS-ON CLASSES

### ELEVATOR, WINDOW AND DOOR FRAME ANCHORING SYSTEMS FOR ROPE RESCUE

8 Hours | Saturday, 8am - 5pm

With newly-developed equipment from PARATECH, IFSI developed this innovative anchoring technique where the main focus is structural integrity. The class engages students to assemble a non-destructive anchoring system for windows and doors that provide access to pits and elevator shafts. Students will apply safety rules for elevator shaft entry that include lock out/tag out procedures and air quality monitoring and ventilation. Students review the forces applied to the system so that forces applied to the anchoring system do not exceed the rated working capacity of the rope rescue equipment and struts. This system uses manufactured struts built by PARATECH to create an elevated leading edge anchoring system to apply rope rescue equipment to raise and lower rescuers and victims.

REGISTRATION FEE Before January 5 \$300 After January 5 \$320

### FORCIBLE ENTRY

4 Hours | Choose one session: Saturday, 8am - 12pm or Saturday, 1pm - 5pm or Sunday, 8am - 12pm

Forcible entry is one of the most essential skills a firefighter needs to perform effectively on the fireground. This course will begin with a one-hour presentation where participants learn the training and techniques needed to safely and effectively perform forcible entry. Participants also learn to identify various types of doors and locks that may be encountered on the fireground and how to gain entry through them. Residential and commercial doors are discussed, along with the types of tools and equipment needed to force inward and outward swinging doors. Following the presentation, students will complete hands-on training with inward and outward swinging doors. Whether you are a new recruit or the most senior member of your department, this course is for you. *Full personal protective equipment is required.*

REGISTRATION FEE Before January 5 \$65 After January 5 \$85

### BASIC ENGINE COMPANY OPERATIONS

4 Hours | Choose one session: Saturday, 8am - 12pm or Saturday, 1pm - 5pm or Sunday, 8am - 12pm

In this course, firefighters and officers will sharpen their fireground skills and learn new ones. From hose line advancement and searching from a line to ventilation and getting water to the fire, all fireground tasks will be covered during the session. Students work in large and small companies to test their skills in different operations scenarios in smoke and heat conditions, as well as learn about the different department roles and how they get the job done. *Full personal protective equipment and SCBA is required.*

REGISTRATION FEE Before January 5 \$65 After January 5 \$85

### BASIC TRUCK COMPANY OPERATIONS

4 Hours | Choose one session: Saturday, 8am - 12pm or Saturday, 1pm - 5pm or Sunday, 8am - 12pm

This course is intended for firefighters seeking to improve their knowledge of truck company operations. Firefighters learn the fundamental concepts of truck company operations, apparatus positioning, forcible entry, ground laddering considerations, Vent Enter Search (VES), search strategies and tactics, victim removal procedures, ventilation, and overhaul operations. *Full personal protective equipment and SCBA is required.*

REGISTRATION FEE Before January 5 \$65 After January 5 \$85

### FIREGROUND SEARCH AND RESCUE

4 Hours | Choose one session: Saturday, 8am - 12pm or Saturday, 1pm - 5pm or Sunday, 8am - 12pm

This class is for students who may be involved in conducting primary and secondary searches of single-family and multi-family structures. This class focuses on the primary search, secondary search and final searches, as well as Vent Enter Search (VES) techniques. Students also spend time learning and practicing the critical component of victim removal procedures. Every student is encouraged to develop and refine this skill set that will prove invaluable for the rest of their career. *Full personal protective equipment and SCBA is required.*

REGISTRATION FEE Before January 5 \$65 After January 5 \$85

### ACTIVE SHOOTER TRAINING FOR EMS

12 Hours | Saturday, 8am - 5pm and Sunday, 8am - 12pm

The class is being held in conjunction with the University of Illinois Police Department, members of the Orland Park Fire Protection District and the Illinois Fire Service Institute. The first four hours focuses on bandaging, chest seals, tourniquet and other trauma care skills. The second four hours focuses on law enforcement movement within a warm zone and the importance of communications between those first responders and EMS teams. The final four hours takes what is learned and applies it to a full-scale, real-time exercise. The class is built especially for first responders, EMTs and Paramedics.

REGISTRATION FEE Before January 5 \$250 After January 5 \$270

# CLASS SCHEDULE

Winter Fire School provides a variety of courses with flexible scheduling options. Students may enroll in up to three courses, each four hours in duration, over the two-day program. Enrollment is determined on a first-come, first-served basis – so register early!

## HANDS-ON CLASSES

### RAILROAD FIRE TRAILER OPERATIONS

4 Hours | Choose one session: Saturday, 8am - 12pm *or*  
Saturday, 1pm - 5pm *or*  
Sunday, 8am - 12pm

In this course, students will learn how to operate and deploy an industrial fire trailer. Students will get a better understanding for how to effectively manage limited resources while responding to a railroad emergency. Students will also learn how to set up and deploy firefighting foam lines. This is a live fire training course perfect for firefighters and officers. *Full personal protective equipment and SCBA is required.*

REGISTRATION FEE Before January 5 ▶ \$30 After January 5 ▶ \$50

### SELF-CONTAINED BREATHING APPARATUS (SCBA)

4 Hours | Choose one session: Saturday, 8am - 12pm *or*  
Saturday, 1pm - 5pm *or*  
Sunday, 8am - 12pm

No matter your skill level or experience, you will learn something new in this class. In addition to basic skills, students will learn to maneuver with and without the SCBA in various visually obscured environments. Donning and doffing in mazes is part of the class. Students will also learn emergency SCBA procedures that will contribute to an increased level of skill competency. *Full personal protective equipment and SCBA is required.*

REGISTRATION FEE Before January 5 ▶ \$65 After January 5 ▶ \$85

### FLAMMABLE/COMBUSTIBLE FUEL FIREFIGHTING RESPONSE

4 Hours | Choose one session: Saturday, 8am - 12pm *or*  
Saturday, 1pm - 5pm *or*  
Sunday, 8am - 12pm

Most Illinois fire departments today have flammable liquids in bulk either in storage or being transported in their jurisdiction. Is your department prepared for a major flammable liquids firefighting operation? Do you have the proper tools, materials and equipment? During the 4 hours of training, students will increase their understanding of firefighting foam types and function, foam application techniques, and how departments can prepare to handle their own incidents. In addition, students will have actual hands-on experience in suppressing flammable/combustible liquid type fires or spills. Flammable/Combustible Fuel Firefighting Response is a hands-on class designed for the municipal/industrial firefighter who wishes to build upon their skills in responding and effectively mitigating flammable liquid emergencies in and around their communities/facilities. *Full personal protective equipment and SCBA is required.*

REGISTRATION FEE Before January 5 ▶ \$100 After January 5 ▶ \$120

### FIRE AND ARSON INVESTIGATION (CONTINUING EDUCATION)

12 Hours | Saturday, 8am - 5pm *and* Sunday, 8am - 12pm

This continuing education course for arson investigators will cover the hazardous materials side of weapons of mass destruction and scene mitigation while still trying to complete an investigation. The course will also cover tricks for low light photography and obtaining quality images. The class will conclude with an advanced origin and cause fire investigation scene of a car fire in a garage with a fatality. *Full personal protective equipment is required.*

REGISTRATION FEE Before January 5 ▶ \$100 After January 5 ▶ \$120

REGISTER ONLINE  
AT [WWW.FSI.ILLINOIS.EDU](http://WWW.FSI.ILLINOIS.EDU)



## CLASSROOM CLASSES

### BASIC PUMPS AND DIRTY HYDRAULICS

4 Hours | Choose one session: **Saturday, 8am - 12pm** *or*  
**Saturday, 1pm - 5pm** *or*  
**Sunday, 8am - 12pm**

This course applies the theory of pump operations to the practical application of operating a fire pump. Students will tackle basic calculations to determine proper pump pressures to generate safe and effective fire streams. Instructors will address pump pressures for single line, multi unit, supply, and relay operations. Students will apply knowledge gained through classroom lecture during the use of a pump simulator and unique training props.

**REGISTRATION FEE** Before January 5 **\$30** After January 5 **\$50**

### MODERN DAY BUILDING CONSTRUCTION

4 Hours | Choose one session: **Saturday, 8am - 12pm** *or*  
**Saturday, 1pm - 5pm** *or*  
**Sunday, 8am - 12pm**

Not all buildings are created equal. This four-hour class is designed to give firefighters and officers the tools needed to recognize all types of building construction and how fire behavior affects each type. Also included is an in-depth look at the dangers of engineered lightweight components and new building materials. Emphasis is also placed on fireground communications and proper size-up of conditions.

**REGISTRATION FEE** Before January 5 **\$30** After January 5 **\$50**

### FIREGROUND SIMULATIONS FOR FIRE OFFICERS

4 Hours | Choose one session: **Saturday, 8am - 12pm** *or*  
**Saturday, 1pm - 5pm** *or*  
**Sunday, 8am - 12pm**

As a fire officer, your ability to make rapid decisions at emergency scenes is essential to operational success and the safety of your firefighters. This course provides fire officers the opportunity to develop critical fireground skills such as communication, size-up, rapid decision making, incident command, along with the development of an incident action plan. This highly interactive course utilizes technology to simulate real fireground operations with multiple companies working and viewing different parts of the incident, while having to communicate their thoughts and actions. Students have the opportunity to serve as company officers and incident commanders during multiple scenarios and simulated exercises. Join us as we provide highly interactive simulated exercises to help you gain experience.

**REGISTRATION FEE** Before January 5 **\$45** After January 5 **\$65**

### INTRODUCTION TO WILDLAND FIRE BEHAVIOR

4 Hours | Choose one session: **Saturday, 8am - 12pm** *or*  
**Saturday, 1pm - 5pm** *or*  
**Sunday, 8am - 12pm**

This course introduces the factors influencing the fire environment elements that drive fire behavior during ground cover fires. The class examines how these elements influence tactical and safety decision making on the fireground.

**REGISTRATION FEE** Before January 5 **\$30** After January 5 **\$50**

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## ILLINOIS FIRE SERVICE INSTITUTE CHAMPAIGN TRAINING GROUNDS

**LODGING AND MEALS:** Hotel accommodations and meals during Winter Fire School are the responsibility of the student. When making arrangements, identify yourself as a student with IFSI.

### IMPORTANT DATES

- Last day for early bird registration: January 5, 2018  
*(Prices for each class increase \$20 after this date)*
- Last day to cancel without penalty: January 12, 2018
- Email confirmations sent: January 16, 2018
- Walk-in registrations on January 27 will be accepted



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## REGISTER ONLINE AT [WWW.FSI.ILLINOIS.EDU](http://WWW.FSI.ILLINOIS.EDU)

**PLEASE NOTE:** Online registrations are immediately timestamped upon submission. Course assignments are based on the date and time registration materials are received. We encourage students to take advantage of the immediate electronic timestamp and register online.

You can also register by completing the enclosed form and faxing to 217.244.6790 or mailing to the Illinois Fire Service Institute. If missing, the form can be downloaded from the IFSI web site.