

# Homeland Security Conference 81st Annual Kentucky State Fire School Fitness for Survival

Lexington Kentucky • June 9 - 13, 2010



KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM

# General Information

## Homeland Security Conference & 81st Annual Kentucky State Fire School

### Conference-at-a-Glance

#### Wednesday, June 9, 2010

3:00 - 7:00 p.m.      Registration      (Entrance at Heritage Hall)

#### Thursday, June 10, 2010

7:00 a.m. - 6:00 p.m.      Registration      (Entrance at Heritage Hall)

9:00 - 11:00 a.m.      **Opening Ceremony**      (Heritage Hall)

11:00 a.m. - 1:00 p.m.      Lunch

1:00 p.m. - 5:00 p.m.      Class

#### Friday, June 11, 2010

7:00 a.m. - 6:00 p.m.      Registration      (Entrance at Heritage Hall)

8:00 a.m. - 12:00 noon      Class

12:00 noon - 1:00 p.m.      Lunch

1:00 - 4:00 p.m.      Class

4:00 - 8:00 p.m.      Exhibits Open

5:30 - 7:30 p.m.      Cookout

7:30 - 8:00      Door Prizes

#### Saturday, June 12, 2010

7:00 a.m. - 6:00 p.m.      Registration      (Entrance at Heritage Hall)

8:00 - 11:30 a.m.      Class

10:00 a.m. - 2:00 p.m.      **Exhibits Open / Family Day**

11:30 a.m. - 1:30 p.m.      Cookout

1:30 - 5:00 p.m.      Class

#### Sunday, June 13, 2010

7:00 a.m. - 4:00 p.m.      Registration      (Entrance at Heritage Hall)

8:00 a.m. - 12:00 noon      Class

12:00 noon - 1:00 p.m.      Lunch

1:00 - 4:00 p.m.      Class

KCTCS does not discriminate based on race, color, religion, national origin, sex, disability, or age in its programs and activities. The following person has been designated to handle inquiries regarding nondiscrimination policies. Director of Diversity Programs, 300 North Main Street, Versailles, KY 40383, Phone (859)256-3100.

# General Information

## Hotel Accommodations

Rooms are \$94.00 per night (government rate) and are blocked for "Homeland Security Conference and Kentucky State Fire School.

Hilton Lexington Downtown

369 West Vine St.

1-859-231-9000 or 1-877-539-1648

(ask for Kentucky State Fire School)

To book online go to [www.lexingtondowntownhotel.com](http://www.lexingtondowntownhotel.com) and use Convention/Group Code: KYFIRE

Hyatt Regency-Lexington

401 West High St.

1-859-253-1234

1-800-233-1234

Holiday Inn Lexington-North

1950 Newtown Pike

Lexington, KY 40511

859-233-0512

## Registration

*Pre-registration is highly recommended and completed registration forms with application fee will be accepted by mail prior to May 29, 2010 at the address below:*

"State Fire School"

PO Box 700

Calhoun, KY 42327

## Fees

Pre-registration \$45

Late or on-site registration \$65

Exhibit & Trade Show FREE!

Cookouts FREE!

*On site registration will be located on the ground floor (Level 1) of the Lexington Convention Center in the 'Heritage' Registration area. The Lexington Convention Center is a part of the Hyatt Regency/Rupp Arena complex and is directly across the street from the Lexington Downtown Hotel and Conference Center by Hilton. See "Conference at a Glance" for on-site registration dates/times.*

*All students must check in a registration to confirm seat in classes and receive other essential conference information including classroom locations.*

*All lead instructors are required to check in prior to start of class to obtain instructor packets and receive final instructions for completion of administrative forms.*

## Exhibits

*The Exhibit Showcase is the largest show of Emergency Service Equipment in Kentucky. Exhibitors come from many states showing everything from Personal Protective Equipment to Fire Trucks.*

*Exhibits Open Friday Afternoon and Saturday*



## Cookouts

*The State Fire School Committee and Exhibitors host COOKOUTS on Friday evening and noon Saturday free to all attendees. The COOKOUTS will be located outside the end of the Exhibit Hall.*

## Conference Co-Chairs Command

*The conference will be managed on-site by an Incident Command System. Command and logistics are located in the 'Elkhorn Registration' space near main registration area.*



# Course Grid

(X indicates days and R means it is repeated)

	Thursday	Friday	Saturday	Sunday
<b>100 – Homeland Security and Emergency Management</b>				
101 – Homeland Security Exercise and Evaluation Course		X	X	X
102 – ICS 100, Introduction to the Incident Command System			X	R
103 – “Meth” Lab Awareness	X			
104 – Rail Car Incident Response Class			X	R
105 – Facts & Fallacies about Terrorism to Kentucky’s Fire Service	X			
<b>200 – Fire Suppression</b>				
201 – Aircraft Firefighting (Bluegrass Airport)	X	X	R	R
202 – Structural Firefighting (House Burn)		X	X	
203 – Rapid Intervention (RIT) and Mayday Operations	X	X	X	X
204 – Basic Firefighting	X	X	X	X
205 – Intermediate Firefighting – Bread and Butter Bootcamp		X	X	X
206 – Propane Truck / Bob Tail Truck Fires / Emergencies			X	X
207 – Pump Maintenance and Testing			X	X
<b>300 – Emergency Medical Services</b>				
301 – EMS Evaluator		X		
302 – EMS Instructor Orientation	X			
303 – EMT Refresher		X	X	X
<b>400 – Special Operations</b>				
401 – F.A.R.M. - Fundamentals of Agricultural Rescue Mechanics	X	X	R	R
402 – Big Rig Rescue			X	X
403 – Elevator Emergencies		X		
404 – Fire Department Planning and Response to Weather-Related Emergencies				X
405 – Confined Space Rescue		X	X	X
406 – Improving your Thermal Camera Operations			X	
<b>500 – Officer Training</b>				
501 – NFA - Incident Safety Officer			X	X
502 – NFA - Leadership I	X	X		
503 – NFA - Managing Company Tactical Operations-Decision Making			X	X
504 – ISO Grading Schedule			X	
505 – “Courage to be Safe”	X			
506 – Grant Programs of the Kentucky Office of Homeland Security	X			
507 – Kentucky Fire Commission Update (2010)	X	X	R	R
508 – Seminar for Chief Officers		X		
<b>600 – Arson, Prevention, &amp; Education</b>				
601 – NFA Arson Detection for the First Responder	X	X	X	
602 – Fire Scene Investigations	X	X	X	
603 – Legal Issues for Fire Investigations	X	X	X	
604 – Fire Alarms		X	R	
605 – Sprinkler Inspections	X	X	R	R
606 – Basic Chaplaincy	X			
607 – Advanced Chaplaincy/Firefighter Maintenance		X	X	
608 – Fire Prevention Officer	X	X	X	
609 – The Basics of Fire and Life Safety Education Programs		X		
610 – How to Start a Fire Explorer Program			X	
611 – Basic Sprinkler Systems	X			

## 101 Homeland Security Exercise and Evaluation Course

Many state and federal grants now require local departments to participate in emergency preparedness exercises in accordance with the Homeland Security Exercise & Evaluation Program (HSEEP). Are you prepared to do this? This course will discuss exercise program management, design and development, conduct, evaluation, and improvement planning. The HSEEP course is an interactive program that provides hands-on experience in exercise design and evaluation which will readily translate to real-world exercise responsibilities. Activities include creating exercise documentation, conducting exercise planning conferences and briefings, and practicing exercise evaluation. This course has been developed by the U. S. Department of Homeland Security and is presented by staff from the Kentucky Office of Homeland Security Exercise Program and the Kentucky Department for Public Health. This program is a must for those who desire to understand the HSEEP at the local level.

*NOTE: This 3-day course will be offered Friday through Sunday*

*Instructors: Lisa Hawkins, Kentucky Fire Commission, Homeland Security Exercise Program*

## 102 ICS 100, Introduction to the Incident Command System

ICS 100, *Introduction to the Incident Command System*, introduces the Incident Command system (ICS) and provides the foundation for higher level ICS training. This course describes the history, features and principles, and organizational structure of the Incident Command System. It also explains the relationship between ICS and the National Incident Management System (NIMS).

ICS 200, *ICS for Single Resources and Initial Action Incidents*, is designed to enable personnel to operate efficiently during an incident or event within the Incident Command System (ICS). ICS-200 provides training on and resources for personnel who are likely to assume a supervisory position within the ICS.

*NOTE: This 1-day course will be offered Saturday and repeats Sunday*

*Limited to 40 students.*

*Lead Instructors: Everett Roberts, Kentucky Fire Commission, State Fire Rescue Training, Area 5*

## 103 “Meth” Lab Awareness

This course will provide the participant an overview of the emerging methamphetamine threat in Kentucky. The drugs effect on the individual will be discussed however the primary emphasis will be the recognition of clandestine labs and their dangers to the first responder. Clan lab detectives/technicians will display the equipment and materials utilized in the production of meth and discuss the process. Participants will be provided an instructional CD, “Meth=Death” and after completion of the session, should be able to conduct an introductory awareness class in their communities.

*NOTE: This course will be offered 1:00 - 5:00 p.m. on Thursday.*

*Lead Instructor: Brian Lewis, Detective; (UNITE)*

## 104 Rail Car Incident Response

*This course offers an awareness level training on rail car incidents involving hazardous materials.*

*As a first responder, it is important you understand the dangers and unique hazards these incidents present. Due to the variety and volume of hazardous materials that can be involved in a rail car incident, it is imperative that our first responders be well-trained.*

*Through this course, you will gain an understanding of potential hazards at a train derailment, the properties of specific chemicals and various incident control, confinement and containment mitigation techniques.*

*NOTE: This course will be offered Saturday and Sunday.*

*Provider: Tyler Pendleton, Center for Rural Domestic Preparedness*

## 105 Facts and Fallacies about Terrorism to Kentucky's Fire Service

*Terrorist leaders consider fire service personnel valuable resources as well as enemies to their cause why this inconsistency, and how might it affect you someday? Additionally, terrorism continues to evolve, expand, be redirected and produce new strategies and tactics.*

*This four hour class infiltrates key terrorist organizations. It identifies certain attack mode similarities and concurrently illustrates the too-often overlooked factor of many differences among groups. We'll examine your role in prevention and response, offering information and guidance about a growing menace from domestic and transnational enemies of the U.S. and the western culture.*

*Speaker: Tom Preston is Executive Director of the Kentucky Office of Homeland Security. For 52 years he has engaged in counterterrorism activities through the military, private sector and government. Personal involvement against terrorists augment his instruction.*



Thomas L. Preston, Executive Director  
Kentucky Office of Homeland Security  
Senior Advisor to the Governor

# Fire Suppression 200



## 201 Aircraft Firefighting

### Off-site Course (Bluegrass Airport)

*This course is designed to provide an overview of aircraft rescue and fire fighting for the structural firefighters. Topics of instruction will include aircraft types, systems, tactics and strategy, suppression and rescue. Each firefighter will receive instruction and will participate in "Hands on Training". The control and extinguishment of fuel spills, interior cabin fire with flashover, wheel/brake fires, and engine fires will be discussed. Full personal protective equipment, to include NFPA approved coat, pants, hood, gloves, helmet w/ full shield (no bourke's) and SCBA are required for participation.*

*NOTE: This 2-day course will be offered Thursday through Friday and repeated Saturday through Sunday. "Hands on Training" will consist of smoke maze and rescue training using a simulated Boeing 737 and smoke generators.*

*Limited to 20 students.*

*Lead Instructor: Chief Scott Lanter, Bluegrass Airport*

## 202 Structural Firefighting - House Burn

*This course will provide an overview of firefighting for the intermediate level firefighter, emphasizing hands-on training in a live fire, NFPA 1403 compliant, setting. Students must be in good health and physical condition. Governor's Commission Certification (minimum of 150 hours) is required and will be checked prior to course starting date. Students are required to bring their own SCBA, spare cylinder (SCBA cylinders shall be within current hydro test), and structural firefighter protective clothing. All protective clothing shall be NFPA compliant. Trimmed mustaches will be permitted, however due to NFPA and OSHA standards, students with facial hair between the face and face piece (beards, goatees, etc.) shall not be permitted to participate. **Turnout gear and SCBA required Thursday afternoon and Friday. Pre-registration is recommended for this course.***

*NOTE: This 2-day course will be offered Friday through Saturday.*

*Limited to 35 students.*

*Lead Instructor: Battalion Chief Harold Hoskins, Lexington Division of Fire and Emergency Services*

# 200 Fire Suppression

## 203 Rapid Intervention Team Training (Updated Course for 2010)

This advanced four day class is designed for the experienced firefighter, who wants to expand their knowledge, skills and performance during RIT operations. The RIT classroom portion consists of various topics focusing on theory, preventative RIT operations, thermal imaging and basic equipment utilized in RIT operations. Hands on Training are **EXTREMELY** demanding both mentally and physically. HOT evolutions re-enforce and develop the skills of firefighter survival and rescue, Mayday procedures, and RIT operations. Training will conclude with increasingly difficult scenarios utilizing basic skills and tools. Prior exposure to firefighter survival and rescue training is strongly recommended. **Full PPE is required, SCBA with extra cylinder required. Air fills available. This is a HANDS ON CLASS.**

*NOTE: This 4-day course will be offered Thursday through Sunday.*

*Limited to 30 students.*

Lead Instructors Major Greg Bayer, Lt. Dustin Whited, FF Cory Calloway, and FF Wes Herald of the Lexington Division of Fire and Emergency Services

## 204 Basic Fire Fighting Off-site Course (Lexington Fire Training Academy)

**ATTENTION CHIEFS:** If you have a new member to your department, this is the course for them! Experienced fire instructors will cover the basics of hose, ladders, SCBA, and PPE. The course will include 'hands-on drills and the opportunity for students to don protective equipment and extinguish live fire in a controlled environment. This course will also cover the minimum 20 hours of training needed for the new fire department member prior to emergency response activity as recommended by the Kentucky Fire Commission.

*NOTE: This 4-day course will be offered Thursday through Sunday.*

*Class is limited to 30 students. Full PPE is required including SCBA and a spare cylinder. Students must be 18 years of age.*

Instructors: Battalion Chief Greg Stapleton, Lexington Division of Fire and Emergency Services Training Academy Staff.



# Fire Suppression 200

## 205 “Bread & Butter” Bootcamp

Every fire department is being challenged to do more with less. This often puts firefighters into dangerous situations. We often ask, what training can be done to enable us to meet our challenges. Surely training can be a key to our safety, but where should we start? The answer is to start at the beginning. Start with your “Bread and Butter”

This 3-day, high impact, high energy “Bread & Butter” program, will NOT be your typical class! Rather this class will focus on those fundamental skills and aspects utilized on the fire ground that are not mastered or never employed. This INTENSE training program will provide participants with both classroom and realistic hands-on learning through training-in-context and scenario based training, some under live fire conditions, enhancing personal proficiency and reinforcing those skills required on today’s modern fire ground.

This program will be packed with those critical elements employed on the fire ground. From learning new to reinforcing old, this program will consist of but not limited to: engine company operations - selection, stretching, advancing, and flowing hand lines, ladder company operations - search procedures, ventilation techniques, forcible entry, and laddering, “smoke diver” - mask confidence, air consumption/management, and breathing discipline, and many other fundamental aspects/skills related to today’s firefighter.

This class has been designed to teach any firefighter, new or seasoned, those critical “Bread & Butter” skills used day in and day out on the fire ground. Don’t miss out!

- Students must bring their own turnout gear, SCBA, and spare cylinder. All equipment must be NFPA compliant.
- Students must meet all requirements established by OSHA, NFPA, and Kentucky State Fire Commission for live fire training evolutions.
- Because this course is physically demanding, participants should be in adequate physical condition.
- This program was developed taking into consideration today’s realistic staffing and the standard fire fighting tools and equipment used on the fire ground.
- This is one of the most realistic courses available!

**NOTE:** This 3-day course will be offered Friday through Sunday

Course Instructors: Troy Webster, Scott Shaw, Randy Cox, Marc Myres, Bob Buckner, Howard Dobson, Bob Sanborn; Kentucky Fire Commission - State Fire Rescue Training, Area 4, 7, 6 and 14



# 200 Fire Suppression



## 206 Propane Truck / Bob Tail Truck Fires

*This extensive two day course will cover essential information regarding L.P. gas and Bob Tail truck fires. Topics of instruction will include source identification, vehicle and equipment identification and characteristics, container design and construction, general emergency response procedures, the incident management system, hazard and risk assessment and evaluation, and strategy and tactical decision-making. This course will also address recovery issues, site safety and control issues, product transfer methods, and vehicle and cargo tank recovery including the use of air bags. This class will involve live fire evolutions involving the bob tail propane prop. **Students must have protective clothing and self contained breathing apparatus.***

*NOTE: This 2-day course will be offered Saturday through Sunday.*

*Lead Instructor: Tim Cook, Kentucky Fire Commission, State Fire Rescue Training, Area 2*

## 207 Pump Maintenance and Testing Off-site Course (Lexington Fire Training Academy)

*This course will cover the proper maintenance and annual service test procedures for pumping apparatus. It is designed to help you develop a working knowledge of fire pumps and maintain your apparatus in the most serviceable condition possible.*

*NOTE: This 2-day course will be offered Saturday through Sunday.*

*Practical work requires work clothes and full turnout gear.*

*Lead Instructor: Dennis Swartz, Kentucky Fire Commission, State Fire Rescue Training, Area 9*



# Emergency Medical Services 300

## 301 EMS Evaluator

Required by Kentucky regulations, this course is designed to equip the evaluator to competently and effectively evaluate candidates at practical skills examinations of all levels. It ensures fair and objective evaluation of candidates by acquainting evaluators with accepted, standardized procedures promoted by the NREMT and the State of Kentucky. It promotes consistency at practical skills examinations across the state by providing the evaluator with a working knowledge of regulatory requirements, evaluator qualifications and responsibilities, and staffing/equipment requirements.

*NOTE: This 1-day course will be offered Friday.*

*Limited to 25 students.*

*Lead Instructor: Sharon Pierceall, Kentucky Board of Emergency Medical Services*

## 302 EMS Instructor Orientation

This class is designed to educate the EMS Instructor candidate in utilization of the U.S. DOT National Standard Curriculum as the training guidelines for initial and refresher training for First Responder, EMT-Basic and Paramedic Education conducted throughout the Commonwealth. This course is one of the requirements to become an EMS Educator certified by the Kentucky Board of EMS.

*NOTE: This 4-hour course will be offered 1:00 p.m. - 5:00 p.m. Thursday.*

*Limited to 25 students.*

*Lead Instructor: KBEMS Staff*



## 303 EMT Refresher

This is the mandatory section of the U.S. DOT EMT-Basic Refresher as required for recertification as a National Registry EMT-Basic. This 21-hour course will also qualify as CE's for state recertification as an EMT-Basic. Course includes sections on Disaster Management/Mass Casualty Incidents, Airway Management, Patient Assessment, Medical/Behavioral Emergencies, Trauma, Emergency Childbirth, Pediatrics and Ambulance Operations. This course includes the 2-hour HIV/AIDS education requirement. Students should bring a CPR pocket mask, penlight and stethoscope.

*NOTE: This 3-day course will be offered Friday through Sunday.*

*Limited to 30 students.*

*Lead Instructor: Paula Coyle, Kentucky Board of Emergency Medical Services*

# 400 Special Operations

## 401 F.A.R.M. - Fundamentals of Agricultural Rescue Mechanics

*This course is designed to educate the rescuer on the proper techniques of “real life” rural and urban emergencies. Topics will cover scenarios such as: Farm machinery and heavy equipment rescues, safety and rescues involving all-terrain vehicles and riding lawn mowers, techniques for setting up a landing zone, and many more. Students will be trained with hands-on scenarios involving various types of rural and urban farming equipment and become familiar with their functions. Safety equipment needed for this course include: Helmets, eye protection, extrication jumpsuit/turnout gear, gloves, and boots.*

*Limited to 40 students.*

*NOTE: This 2-day course will be offered Thursday through Friday and repeated Saturday through Sunday.*

*Lead Instructor: Dale Dobson, Kentucky Fire Commission, State Fire Rescue Training, Area 5 and Kentucky Department of Agriculture*

**Special thanks to the Kentucky Department of Agriculture for sponsoring this class.**

## 402 “Big Rig Rescue”

*This intensive two-day course will utilize a classroom portion as well as practical evolutions on heavy vehicles. Students will be instructed in the most effective heavy rescue techniques which have been designed with the safety of both the rescuer and victim in mind. Included will be information and evolutions on incidents involving both light and heavy vehicles. Safety equipment required for this course include: Helmet, eye protection, extrication jumpsuit/turnout gear, gloves, and boots. Prerequisite: One year of service and a working knowledge of rescue tools.*

*Limited to 25 students*

*NOTE: This 2-day course will be offered Saturday through Sunday.*

*Lead Instructors: Chad Marsh and Matt Haddle, Kentucky Fire Commission, State Fire Rescue Training, Area 5*

## 403 Elevator Emergencies

*This course will benefit those that respond to elevator emergencies. The course will cover the different types of elevators, their respective hazards to the occupants and the Fire Fighter.*

*NOTE: This 1-day course will be offered Friday.*

*Lead Instructor: George Tokarchick, Kentucky Housing, Buildings, and Construction.*

## 404 Fire Department Planning and Response to Weather-Related Emergencies

*Fire departments today do much more than just respond to fires. The fire service has an increasing role as an all-hazard response agency. Each year, Kentucky experiences a wide variety of weather phenomena which ultimately leads to responses from the local fire department and other public safety agencies.*

*The morning session of this course will include information about some of the more common weather phenomena experienced in Kentucky, how to pre-plan for it, ways to anticipate its arrival, and discuss ways to improve fire department response in its aftermath. In the afternoon session, a SKYWARN Weather Spotter Class will be presented by the National Weather Service. This course meets all requirements for FRT 112, Emergency/Disaster Planning.*

*Limited to 30 students.*

*NOTE: This 1-day course will be offered Sunday.*

*Lead Instructor: Chick Helm, Kentucky Fire Commission, State Fire Rescue Training, Area 5*

# Special Operations 400



## 405 Confined Space Rescue

*This course will begin by covering 29 CFR 1910.146 Permit Required Confined Spaces and work its way through the equipment and procedures required to execute a rescue from a confined space. Vertical and horizontal spaces will be displayed and made available to execute rescues from. Air quality monitoring, rope rescue, rescue tripod, basic to advanced rigging, and permitting procedures will be covered as a part of this course. Students should come prepared with personal protective equipment including gloves, hard hat/helmet, steel-toed shoes, and eye protections.*

*NOTE: This 3-day class will be offered Friday through Sunday.*

*Lead Instructors: Steven Oldendick, Kentucky Fire Commission, State Fire Rescue Training, Area 7*

## 406 Improving Your Thermal Imaging Operations

*This class will assist you in examining your current thermal imaging practices and help you identify ways to improve those practices. We will begin with a quick overview of the various thermal imaging technologies and features that are on the market today. We will examine issues such as funding, care & maintenance programs, improving thermal imager training and the development of NFPA 1801. In addition, we will take an in-depth look at how thermal imagers can assist in various firefighting applications including: fire attack, interior search and rescue, urban search and rescue, hazardous materials incidents, scene size-up and rapid intervention/firefighter rescue activities. Through the use of numerous, real-life examples and footage from actual scenes, the material promises to be relevant and engaging. Ample time for question and answers will be afforded.*

*NOTE: This 1-day course will be offered on Saturday.*

*Lead Instructor: Brad Harvey – Product Manager, Thermal Imaging for Bullard*

# 500 Officer - Training

## 501 NFA – Incident Safety Officer

*The safety officer oversees all tasks performed by firefighters on the fire grounds. He/she is responsible for immediately correcting safety problems and creating an awareness of simple precautions that can save lives and prevent injury. The goal of this course is to provide firefighters with skills to function effectively as the safety officer at fire department incident operations. The primary focus shall be on developing decision-making skills through the recognition of problems that affect personal safety. Target audience would be firefighters who may have the Safety Officer responsibility at emergency operation situations.*

*NOTE: This 2-day course will offered Saturday through Sunday.*

*Limited to 30 students.*

*Lead Instructor: Woody Ball, Kentucky Fire Commission, State Fire Rescue Training, Area 15*

## 502 NFA – Leadership I

*This National Fire Academy Course presents the company officer with the basic leadership skills and tools needed to perform effectively as a leader in the fire service environment. The course addresses techniques and approaches to problem-solving, identifying and assessing needs of subordinates, running meetings effectively, and decision-making for the company officer. This class satisfies the requirements for FRT 160 in the KCTCS Fire/Rescue Science Associate Degree Program.*

*NOTE: This 2-day course will be offered Thursday through Friday.*

*Limited to 40 students.*

*Lead Instructor: Kevin Baker, Kentucky Fire Commission, State Fire Rescue Training, Area 15*

## 503 NFA – Managing Company Tactical Operations - Decision Making

*This is a National Fire Academy course that is designed to develop the management skills needed by company officers to make decisions at structure fires. Key content areas include: an introduction, the command sequence, size up, developing an action plan, review of the incident command system. Actual hands-on training will be utilized by applying skills learned with a table top exercise.*

*NOTE: This class satisfies the requirements for FRT 156 in the KCTCS Fire Rescue Science Associates Degree Program.*

*NOTE: This 2-day course will be offered Saturday through Sunday.*

*Lead Instructor: Kevin Baker and Catherine Elder, Kentucky Fire Commission, State Fire Rescue Training, Area 15*

# Officer - Training 500

## 504 Understanding the ISO Fire Suppression Rating Schedule

*Achieving community cost savings and winning public support may be as simple as making minor changes to how your community prepares their public fire defenses. Join members of the Insurance Services Office field staff as they provide the tools and resources needed to improve your community's ISO rating. In this important course you will learn about the Insurance Services Office including a historical perspective of previous grading schedules. An overview of the current Fire Suppression Rating Schedule will be presented. All grading items and the individual weighting assignments in fire alarm, fire department and water supply will be covered. The establishment of needed fire flows and their importance throughout the grading process will be emphasized. Public Protection Class 9 and individual property fire suppression evaluations will be explained. Important correlation between insurer loss experience and public protection classifications is included. An example of commercial and personal lines insurance rate analysis relative to PPC will be explained as well as how to interpret the PPC numbers. Participants will also receive a copy of the FSRS and be shown the tools ISO can provide in preparation for an evaluation. Ample time will be reserved for questions and answers.*

*NOTE: This 1-day course will be offered Saturday.*

*Lead Instructor: Mike Rundell, ISO Kentucky Field Representative.*



# 500 Officer - Training

## 505 Courage to Be Safe

*Firefighters must have the courage to face a multitude of risks in order to save lives and protect their communities. A different type of courage is required to stay safe in potentially dangerous situations, avoiding needless risks and tragic consequences. This course, originally developed by the Firefighter Life Safety Initiatives Team, is intended to influence the participants toward changing the attitude that firefighter deaths are a normal and acceptable outcome. The program promotes the courage to do the right thing in order to protect firefighters from illness, injury or Line of Duty Death “So that Everyone Goes Home.”*

*NOTE: This 4-hour course will be offered Thursday afternoon.*

*Instructor: Chief Rick Larkins, Retired, Highview Fire Department, Kentucky Fire Commission CPAT Program*

## 506 Grant Programs of the Kentucky Office of Homeland Security

*Most departments are familiar with grants available through the Assistance to Firefighters Grants Program. Many departments are seeking other grant opportunities and this class will explore a viable option for your department. The Kentucky Office of Homeland Security grant staff will provide the latest information on grants administered through their Office. This is a great opportunity for you to learn about their programs and meet their staff.*

*NOTE: This 4-hour course will be offered Thursday afternoon.*

*Lead Instructors: Gene Kiser and Susan Wilderson, Kentucky Office of Homeland Security*

## 507 Kentucky Fire Commission Update (2010)

*Ronnie Day, Executive Director will be on hand to present you with information concerning the Fire Commission updates and activities at the state level. Ronnie will be joined by Becky Blair and Mary Adams, who will be training on NFIRS and the new fire training system.*

*Becky Blair will go through the NFIRS/National Database Reporting System. This course is designed for the beginner to become acquainted with the National Database Reporting System. In this class you will learn the fundamentals of reporting and why it is valuable to your department. This includes log on, manually recording incident reports in the basic module, other specific modules and what they are for, how to print incidents, how to retrieve runs to see if they are valid or invalid and correct as needed. This is a hands-on class including various scenarios for reporting.*

*Mary Adams will train on the NEW fire training system. This is designed for the beginner to become more familiar with the new system. In this class you will learn how to log on, enter training hours and pull reports. This is a hands-on class.*

*NOTE: This 2-day course will be offered Thursday through Friday and repeated Saturday through Sunday.*

*Lead Instructor: Executive Director Ronnie Day, Becky Blair and Mary Adams, Kentucky Fire Commission*

## 508 Learning from the Experience of Others Safety, Wellness and Survival in the Fire Service

*Chief Bobby Halton will be delivering an all day seminar of interest to everyone, especially Chief Officers. “Learning from the Experience of Others” and “Safety, Wellness, and Survival in the Fire Service” are the topics of the day that will provide attendees with a great professional development opportunity.*

*Instructor: Chief Bobby Halton, Retired, Editor in Chief Fire Engineering, Chief Robert Bruin, Dry Ridge Fire Department*

# Arson, Prevention, and Education 600

## 601 NFA Arson Detection for the First Responder

This is the latest National Fire Academy course, "Arson Detection for the First Responder." This course will cover all phases of fire investigation with emphasis on the firefighter's responsibility in arson detection. **NOTE:** This class satisfies the requirement for the FRT 161 in the KCTCS Fire / Rescue Science Degree Program.

**NOTE:** This 3-day course will be offered Thursday through Saturday.

Limited to 40 students.

Lead Instructor: Rusty Todd, Fire Investigator, Kentucky Fire Commission, State Fire Rescue Training, Area 5



## 602 Fire Scene Investigations

This is a comprehensive course with emphasis on techniques to determine the origin and cause of fires. Actual case scenarios will be incorporated to enhance this class. A wide variety of expertise is brought together through the cooperation of local, state, federal fire, police and private investigators to provide the student with excellent instruction and detail. (Students will need full protective turnout gear.)

**Prerequisite:** Arson detection for the first responder. **You must have signed permission, from your chief, prior to attending fire investigation courses taught by the Kentucky Chapter IAAI. For further information contact Rusty Todd at: [russelle.todd@kcts.edu](mailto:russelle.todd@kcts.edu)**

**NOTE:** This 3-day course will be offered Thursday through Saturday.

Limited to 40 students.

Lead Instructor: Kentucky Chapter International Association of Arson Investigators

## 603 Legal Issues for Fire Investigations

This course is the final and concluding level in arson investigations. This course shall emphasize on legal aspects, case preparations, trial procedures, and criminal enforcement. A mock trial is planned for Saturday morning, incorporating the Arson II class. **Prerequisite:** Arson Detection for the First Responder. The Fire Scene Investigations course, must be sanctioned by the Kentucky Chapter IAAI, a certificate or documentation must be provided at registration.

**NOTE:** This 3-day course will be offered Thursday through Saturday.

Limited to 30 students.

Lead Instructor: Paul Richwalsky, Jefferson County Attorney's Office

## 604 Fire Alarms

This course will enable the Firefighter to have a more in depth understanding on why fire alarms are required and where. Also the operating functions that are available to the firefighter for elevator recall, Smoke evacuation systems, Firefighter phone service and more.

**NOTE:** This 1-day class will be offered Friday and repeated Saturday.

Course Approved for 6 hours continuing education for Fire Alarm inspectors and 6 hours for CAAK

Lead Instructor: Richard Peddicord and Chuck Bradley, Kentucky State Fire Marshal's Office

# 600 Arson, Prevention, and Education

## 605 Sprinkler Inspections

*This course is designed to familiarize the Firefighter/Inspector with the operating principles of the different types of sprinkler systems. This class offering will include classroom instruction, discussion and field inspections. Industrial and other agencies will benefit from this class in understanding how a sprinkler system reacts when activated as the result of a fire.*

*NOTE: This 2-day class will be offered Thursday through Friday and repeated Saturday through Sunday.*

*Course Approved for 6 hours continuing education for CAAK*

*Lead Instructor: Captain Bill Woodward, Retired, Lexington Division of Fire and Emergency Services*

## 606 Basic Chaplaincy

*This one-day class will cover basic information that will partially fulfill requirements necessary to be considered a certified chaplain by the State Fire Commission. The class also serves as a great annual refresher for all fire Chaplains. Class covers basic duties of the Chaplain such as "Line of Duty Death," death notifications, FD funerals, benefits and much more.*

*NOTE: This 4-hour course will be offered 1:00 - 5:00 p.m. Thursday.*

*Lead Instructors: Dan Ennis and Lee Twombly, Kentucky Federation of Fire Chaplains*

## 607 Advanced Chaplaincy/Firefighter Maintenance

*Our greatest asset in the fire service is our people. We spend hundreds of thousands of dollars on equipment, technology, apparatus and buildings while investing very little in the person that actually does the work we are all called to do. Basic Chaplaincy prepares us for the major crises we all hope never happens. What do we do the rest of the time? In this two-day we will be exploring practical ways to take care of our brothers and sisters in the fire service as well as their families. How do we build up our fire fighters and their families so they can withstand the storms of life? - and then if or when the storm rages, how can we support these families in their time of crises? Completion of both Chaplain classes will fulfill all requirements to be a certified Chaplain through the State Fire Commission.*

*NOTE: This 2-day course will be offered Friday through Saturday.*

*Lead Instructors: Lt. Stewart Dawson, Chaplain and FF Jeff Johnson, Lexington Division of Fire and Emergency Services, Eric Johnson and Sharon Adkins, Supporting Heroes, Chief Russel Rakestraw, Lyndon Fire Department, Sergeant Todd Shaw, Retired, Louisville Metro Police, Rebecca Grignon, Surviving Spouse of Louisville Metro Police Officer Peter Grignon, End of Watch: March 23, 2005*

## 608 Fire Prevention Officer

*The class is divided into two sections. Participants may attend the entire program or only one of the segments.*

### **Segment One – Thursday – Basic Fire Inspection Techniques**

*Target audience – new or prospective fire inspectors and active fire inspectors desiring to review inspection techniques. This segment will deal with basic fire inspection techniques, including inspector qualities, inspection procedures, identifying common fire violations, and fire hazards in specific occupancies. The class will also cover the Kentucky standards of safety as they relate to existing facilities. The class will include an inspection simulation in which students will identify fire hazards from photos.*

# Arson, Prevention, and Education 600

(608 cont.)

## **Segment Two – Friday through Saturday – NFPA 101, Life Safety Code & NFPA 1, Uniform Fire Code**

*Target audience – while there are no prerequisites for participation in this segment, students should have some prior code knowledge and experience in fire inspections, including those students attending segment one. The first part of this segment will cover the basic requirements for existing buildings found in NFPA 101, Life Safety Code. It will cover the general requirements for all facilities as well as the specific requirements for occupancies including assembly, education, mercantile, business, residential, storage and industrial. It will not cover those facilities which are the primary responsibility of the state fire marshal such as day care, health care or ambulatory care. The second part of this segment will introduce the students to the basic provisions of NFPA 1, uniform fire code which are not contained in the life safety code. If possible, students attending the second segment should bring a 2006 life safety code, a 2006 NFPA 1, UFC and a calculator. While the inspector certification test is not a part of this class, arrangements to administer the test can be made. Questions concerning this class may be addressed to [john.braun@ky.gov](mailto:john.braun@ky.gov) or [mike.haney@ky.gov](mailto:mike.haney@ky.gov).*

*NOTE: This 3-day course will be offered Thursday through Saturday. Optional fire inspector certification test will be offered on Sunday, 0900 - 1200.*

*Limited to 30 students.*

*Lead Instructors: Mike Haney, Chief Deputy State Fire Marshal; Calvin Crupper, Mike Burke Deputy State Fire Marshals*

## **609 The Basics of Fire and Life Safety Education Programs**

*This course will instruct students on Basic Fire & Life Safety Educational Programs and how to begin a Fire & Life Safety Education Program. Where to find resources, materials, Props, learn how to start school based programs, community education programs, how to set up fire station tours, Open House Projects, Safety Fairs, and how to use such established tools as a Fire Safety House, Hazard House, Puppets, Smoke & CO Detector giveaways and installation programs.*

*NOTE: This 1-day course will be offered Friday.*

*Instructors: Greg Schultz*

## **610 How to Start a Fire Explorer Program**

*Fire exploring class teaches firefighters how to run a successful exploring program.*

*Sessions will include: steps to starting a program; planning to assist with setting up a year's worth of programming; youth protection training to create a safe haven for youth and adults to work together; exploring liability and accident insurance programs; recruitment of youth into Exploring; setting up youth leadership positions; writing post bylaws (rules and policies for the explorers to govern their post by); and getting your explorers to cross over into your department.*

*NOTE: This 1-day course will be offered Saturday.*

*Lead Instructor: Mark Black, Lincoln Heritage Council*

## **611 Sprinkler Systems**

*This class will afford the student a quality sprinkler class for those hard to get hours. This class will cover different types of sprinkler systems and the "down and dirty" of what you need to know about sprinkler systems.*

*NOTE: This 1-day course will be offered Saturday.*

*Lead Instructors: Richard Peddicord and Bennie Robinson, Kentucky State Fire Marshal's Office*

# Registration

## Homeland Security Conference and 81st Annual Kentucky State Fire School June 9-13, 2010

Lexington Convention Center, Hilton Lexington Downtown, Hyatt Regency Hotel and Holiday Inn

(DUPLICATE THIS FORM AS NEEDED) (PLEASE COMPLETE ALL BLANKS)

Department/Agency \_\_\_\_\_ Your Rank/Title: \_\_\_\_\_

Last Name \_\_\_\_\_ First Name \_\_\_\_\_

Home Address \_\_\_\_\_ City \_\_\_\_\_

County \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ E-Mail Address \_\_\_\_\_

FF ID # \_\_\_\_\_ or SS # \_\_\_\_\_

Day Phone \_\_\_\_\_ Night Phone \_\_\_\_\_ Fax \_\_\_\_\_

### DEADLINE FOR PREREGISTRATION IS MAY 28, 2010

Pre-registration is highly recommended and completed

### Class Selection

1st Choice - Class # / Name

2nd Choice - Class # / Name

Thursday: \_\_\_\_\_ - \_\_\_\_\_

Friday: \_\_\_\_\_ - \_\_\_\_\_

Saturday: \_\_\_\_\_ - \_\_\_\_\_

Sunday: \_\_\_\_\_ - \_\_\_\_\_

Check one ( ) Volunteer ( ) Career ( ) Industrial ( ) Other \_\_\_\_\_

Check # \_\_\_\_\_ (Prior to May 29 - \$45.00 After May 29 - \$65.00)

Mail completed registration form with Application Fees to:

"State Fire School"  
P.O. Box 700  
Calhoun, Kentucky 42327

Make Checks Payable to: *KCTCS-Kentucky Fire Commission*

Only one name per registration form will be accepted. Applications will be accepted through May 29. After May 29, all registrations will be entered at the conference registration desk in Heritage Hall. Visit our website for the latest updates on the Homeland Security Conference and 81st annual Kentucky State Fire School. The website can be viewed at: [www.kyfa.org](http://www.kyfa.org)