



2010 State Fire School

Course Descriptions

Please contact OSU –FST or EOC for help with pre-requisites.

EOC: 405-390-9591

OSU-FST: 1-405-744-5727 or 1-800-304-5727

Basic Auto Extrication (16 hours)

Instructor: EOC Staff

Class Limit: Min 15, max 30

Pre-requisite: none

Equipment: extrication PPE or equivalent to include helmet, eye protection and leather gloves.

The Basic Auto extrication class covers the fundamentals of auto extrication in vehicle size up, utilizing hand, hydraulic and pneumatic tools as well as basic stabilization and pt. access. This class meets the requirements for FFI.

Advanced Auto Extrication (16 hours)

Instructor: EOC Staff

Class Limit: Min 15, max 24

Pre-requisite: 16 hour Basic Auto extrication class

Equipment: extrication PPE or equivalent to include helmet, eye protection and leather gloves.

The Advanced Auto Extrication class builds upon the basic extrication techniques and skills in the areas of stabilization, patient access and removal, and advanced hydraulic operations. Students will participate in scenario-type operations utilizing a variety of hydraulic, pneumatic and hand tools.

Ropes 1 (16 hours)

Lead Instructors: Earnie Sturgeon and Robert Black

Class Limit: Min 8, max 24

Prerequisites: None

Equipment: Helmet, preferably a rescue type helmet, but fire helmets are acceptable, Rope type gloves and Safety glasses.

This class introduces rescuers to rope rescue and provides the techniques necessary to perform rappelling based rescues. Topics include rope rescue equipment selection, use, and care; knots, bends and hitches; single point anchors; belay systems; self-rescue; and rescuer based pickoffs.

Advanced Ropes (16 hours)

Lead Instructor: R. B. Ellis

Class Limit: Min 8, max 24

Pre-requisite: High Angle Operations, OSU FST Rope Rescue 2, or Ropes 3

Equipment: Helmet, preferably a rescue type helmet, but fire helmets are acceptable, rope type gloves, and safety glasses.

This class will allow students to refresh on previously learned skills and apply those skills to challenging scenarios. Topics will include directional rope systems, suspended victim litter scoops, team-based pick off rescues

Arson Detection for the First Responder (16 hours) *NFA Certified

Instructor: OSU-FST Staff

Class Limit: Min 5, max 40

Pre-requisite: none

Equipment: none

Upon completion of this course the student will be able to: Recognize as first responders the indicators of an intentionally set fire, preserve evidence, and report the information to the appropriate official. Define clearly the role of the first responder and understand that the first responder's role is not to determine the origin or cause of the fire, and that he/she is not responsible as an investigator.

Training Operations for Fire Departments 16 hours *NFA Certified

Instructor: OSU-FST Staff

Class Limit: 30

Prerequisites: None

This 2-day course is designed to provide students with some basic tools and skills to coordinate training in a small fire/EMS organization. A training function in a smaller department typically may include conducting training drills and coordinating training with a nearby larger city or state training function.

Course content includes:

- Leadership issues in fire service training, such as why and how the local training officer must be a catalyst for change, and personal motivators within the department.
- Identifying the legal issues affecting the training function, including an understanding of a standard of care, and the impact of OSHA and NFPA standards.
- Safety considerations in training.
- Marketing training internally.
- Identifying ways to justify training needs.
- Resolving training conflicts using appropriate conflict resolution techniques.
- Selecting and evaluating training curriculum and materials from outside sources.
- Effective delivery of training

Wildland Fundamentals (16 hours)

Instructor: OSU-FST Staff

Class Limit: 40

Pre-requisite: none

Equipment: none

Provides basic knowledge and skills instruction on how to operate at a Wildland fire.

Engine Company Operations (8 hours)



LIVE FIRE!

Instructor: EOC Staff

Class Limit: Min 10, max 25

Pre-requisite: FFI course completion or Structural Firefighter VFFP

Equipment: Full complement of PPE including SCBA and spare cylinder. EOC will re-fill bottles on site. Water bottle or sports drink is recommended. **This is a physically demanding class and proper hydration is a must.**

This class covers basic engine company operations pertaining to hose handling, fire attack, thermal dynamics, ventilation considerations, placement of attack lines and nozzle selection. Students will participate in hands on evolutions dealing with Live Fire attack evolutions in a fixed burn facility under the guidance and instruction of experienced and seasoned instructors.

Grant Writing (8 hours)

Instructor: TBA

Class Limit: Unlimited

Pre-requisite: none

Equipment: none

FEMA Grants, Application, Grant Acceptance, Grant completion/Termination State Grants, Local and Foundation Grants, Grant research and networking.

LPG (8 hours)



LIVE FIRE!

Instructor: EOC Staff

Class Limit: Min 12, max 30

Pre-requisite: FFI course completion or Structural Firefighter VFFP.

Equipment: Full complement of PPE including SCBA and spare cylinder. EOC will re-fill bottles on site. Water bottle or sports drink is recommended. **This is a physically demanding class and proper hydration is a must.**

This class covers the basics of dealing with LPG and Natural gas leaks and fires. Students learn and then demonstrate hose handling techniques to properly control and suppress LPG fires in a variety of props. Minimal time is spent in the classroom with the bulk of the class spent on the drill field in Live Fire exercises. This class meets the requirements for FFI.

Mayday (8 hours)

Instructor: OSU-FST Staff

Class Limit: 16

Pre-requisite: none

Equipment: Full PPE and pass device.

This course was developed the N.F.A "Calling the Mayday." There is an approximately five (5) hour classroom presentation.

The objectives of the classroom presentation are to:

- Define a Mayday situation
- Identify why firefighters fail to or delay calling a Mayday
- Identify Mayday decision making parameters and calling procedures
- Identify Mayday training and drill needs for the fire service.

The hands-on portion of the class requires the student to move through a course of six station with full PPE including SCBA on air, obscured vision, pass device and radio. The station simulate Mayday parameters including a fall, downed fighter, entangled, collapse, trapped and lost of disoriented. At each simulated parameter the student will be required to give a verbal Mayday alert on the radio, give L.U.N.A.R report and active pass device.

Basic Public Information (4 hours)

Sunday morning only

Instructor: Jerry Lojka

Class Limit: Min 5, max Unlimited

Pre-requisite: none

Equipment: none

Understanding the media and using them to your advantage is the key to your success when dealing with the media. We will discuss current media practices, developing working relationships with the media, understanding the Joint Information System and why we should use a Joint Information Center in large incidents. Do not fear the media: prepare for the field interview and understand writing techniques. We will discuss safety campaigns and fundraising messages.

Pump Operations (8 hours)

Instructor: OSU-FST Staff

Class Limit: 30

Pre-requisite: none

Equipment: Clothing suitable for crawling under vehicles.

Upon completion of this course the student will be able to: Operate a pumper per manufactures guideline, trouble shoot minor pump problems, know how to test pump (annual), be able to explain water flow through pump, perform maintenance on pump, winterize pump, identify model of pump, and identify components of a C.A.F.S. systems.

Truck Company Operations 8 hours



LIVE FIRE!

Instructor: EOC Staff

Class Limit: Min 10, max 25

Pre-requisites: FFI course completion or Structural Firefighter VFFP.

Equipment: Full complement of PPE including SCBA and spare cylinder. EOC will re-fill bottles on site. Water bottle or sports drink is recommended. **This is a physically demanding class and proper hydration is a must.**

Whether your department has an Aerial truck or not, the functions of the truck company must still be performed on any structure fire. This class will cover basic forcible entry techniques, search and rescue and ventilation considerations. Students will work with realistic props to force doors and windows, vertically ventilate pitched and flat roofs and perform search and rescue for victims under live fire conditions in a fixed burn facility.

A Common Sense Approach To A Hazardous Materials Incident Involving Gases (8 hours)

Instructor: Clint Greenwood

Class Limit: Min 10, max 30

Pre-requisite: none

Equipment: none

Day in and day out firefighters respond on hazardous materials releases that involve high pressure, liquefied and dissolved gases. In this class the firefighter will look at a common sense approach for handling these incidents. These common sense approaches help to take the guess work out of mitigating the situation. This course is all classroom with demonstrations.

Building Construction (8 hours)

Instructor: Michael Walker

Class Limit: Min 10, max 50

Pre-requisite: none

Equipment: none

Building Type, Occupancy Use, and Associated Tactical Considerations (BOAT).

The goal of this course is to discuss how different types of buildings, depending on how they are constructed and what they are being used for, influence the tactics used to achieve a safer fire operation. Using the five NFPA building types the instructor will help the student learn how to distinguish each type of construction as well as the advantages and disadvantages of each type from a firefighter's perspective.

Cardiovascular Disease Prevention for Firefighters (4 hours)

Instructor: Carl Frownfelter

Class Limit: Unlimited

Pre-requisite: none

Equipment: none

Discussion of Cardiac disease process, Lab values and their meaning, Diet and exercise, Firefighter statistics on heart disease, treatment options and diagnostic testing

Note: Any student suffering from signs or symptoms of dehydration or not following proper safety procedures will forfeit all activities except inside classroom instruction.