

# A

## **AERIAL OPERATIONS**

BFST703, ATPC703 (40 contact hours, 0 college credits, class size: 6 minimum, 12 maximum)  
The course curriculum can be designed around the requirements of the requesting fire department. Classroom lectures and practical exercises are conducted in the principles and uses of aerial apparatus, including the recognition of hazards which may be present during aerial operations. The curriculum also includes classroom lectures and exercises in the principles, uses and tactical and safe placement of platform apparatus.

**NOTE:** Students must bring gloves, hardhat and proper attire for master stream operations and aerial exercises. Students will be required to ascend and descend aerial ladders and aerial platforms.

## **APPARATUS OPERATIONS**

FFP1302, BFST1302, ATPC1302 (45 contact hours, 3 college credits, class size: 6 minimum, 20 maximum)

The curriculum covers the laws, rules and driving techniques for emergency vehicles, as well as a review of fire service hydraulics. Fire ground evolutions and a driving course make up the practical part of the course. The evolution portion of the course includes the use of pre-connected lines, tandem pumping, drafting, relays and master streams. The student should have a basic understanding of fire stream hydraulics prior to entering this course. Students must bring gloves and proper attire for water pumping exercises.

**NOTE:** This course requires work to be done prior to and /or following attendance at the course. (Prerequisite: FFP1301, BFST1301, ATPC1301 or consent of instructor) This course is part of Pump Operator. Students must bring gloves, hardhat and proper attire for water pumping and aerial exercises.

## **ARSON INVESTIGATION**

BFST407, ATPC407 (40 contact hours, 0 college credits, Class Size: 6 Min, 25 Max)  
This course stresses effective crime scene work relative to fire investigation. Evidence preservation and collection, scene documentation, and investigator safety are main topics.

**NOTE:** State Certificate of Compliance, Fire Inspector Certification, or Certified Police Officer. Students are required to have hard hat, protective boots and gloves. Part of Fire Investigator II.

# B

## **BASIC INCIDENT MANAGEMENT SYSTEM, I-200**

BFST507, ATPC507 (16 contact hours, 0 college credits, class size: 6 minimum, 25 maximum)  
In this course, the student must demonstrate knowledge of the principles and features of an incident command system, how an incident command system is organized, incident facilities and their purposes (such as but not limited to command post, staging area, bases, camps, and heliports-helispots), incident resources such as strike teams, task forces, and single resources, and common responsibilities, such as communications and forms, in incident management.

**NOTE:** This course is also taught by the Florida Division of Forestry. For more information, contact your local DOF regional office for date and times course is offered.

### **FIRE SERVICE BUILDING CONSTRUCTION**

FFP2120, BFST2120, ATPC2120 (45 contact hours, 3 college credits, class size: 6 minimum, 25 maximum)

The curriculum in this portion of the Fire Prevention Inspection Certification Program deals with building construction. Topics include identifying hazards from assault by fire and gravity, how building construction can influence fire spread, fire confinement or structural collapse, and many other life safety issues. This is not a building course per se, but rather a course to identify construction features and their hazards under fire conditions.

**NOTE:** This course may require work to be done prior to and /or following attendance at the course. Students will be notified prior to the class. Part of Fire Inspector I, Fire Investigator I, and Fire Officer I.

## **C**

### **CHLORINE EMERGENCIES**

BFST515, ATPC515 (24 Hours, 0 college credits, class size: 6 minimum, 20 maximum)

This course covers the uses of chlorine, manufacturing of chlorine, properties of chlorine, health effects and first aid procedures, contingency planning, container construction, personal protective equipment, site management, and use of chlorine kits, followed by hands on scenarios.

### **CODES AND STANDARDS**

FFP1510, BFST1510, ATPC1510 (45 contact hours, 3 college credits, class size: 6 minimum, 25 maximum)

This portion of the program is a vital segment in completing the Fire Prevention Inspector's Certification requirements. This course is designed to familiarize inspectors with the five basic units of NFPA 101. This course includes statewide fire prevention code NFPA 1.

**NOTE:** This course requires work to be done prior to and /or following attendance at the course. Part of Fire Inspector I, and Special Firesafety Inspector.

## **COMPANY OFFICER**

FFP2720, BFST2720, ATPC2720 (45 contact hours, 3 college credits, class size: 6 minimum, 20 maximum)

Designed to assist fire officers in solving the varied problems and situations they will be required to manage effectively in today's ever-changing fire service. The curriculum includes a review of fire department organization and administration, management theory, leadership, communication, motivation, and small group dynamics.

**NOTE:** This course may require work to be done prior to and /or following attendance at the course. Students will be notified prior to the class. Part of Fire Officer I.

## **CONSTRUCTION DOCUMENTS AND PLANS REVIEW**

FFP2521, BFST2521, ATPC2521 (45 contact hours, 3 college credits, class size: 6 minimum, 25 maximum)

This curriculum is geared toward teaching the student how to assimilate information contained in working, drawing and specifications as they relate to the fire inspector. The curriculum includes how to interpret conventional graphic communications. Accepted standards and conventions are introduced. Symbols, abbreviations, principles of technical projection, as well as, a review of construction arithmetic and geometry, are included. Related worksheets are used to allow for applied experience of finding and interpreting information from authentic drawings. Students must bring an architectural scale.

**NOTE:** This course may require work to be done prior to and /or following attendance at the course. Students will be notified prior to the class. Part of Fire Inspector I.

# **E**

## **ETHICAL AND LEGAL ISSUES FOR THE FIRE SERVICE**

FFP2770, BFST2770, ATPC2770 (45 contact hours, 3 college credits, class size: 6 minimum, 20 maximum)

This course deals with the entire spectrum of issues facing today's fire service leaders. Topics include; labor relations, human rights and diversity, conflicts of interest and frameworks for ethical decision-making are used.

**NOTE:** This course may require work to be done prior to and /or following attendance at the course. Students will be notified prior to the class. Part of Fire Officer II.

# **F**

### **FARMEDIC: TECHNICAL RESCUE FOR AGRICULTURAL EMERGENCIES**

FSFC110, ATPC110 (12 Contact Hours, 0 College Credits, class size: 15 minimum, 25 maximum)

The Farmedic course teaches the appropriate responses in chemical, mechanical, and structural accidents as well as the logistical, rescue, and EMS problems that can occur in the agribusiness and related environments.

**NOTE:** The Farmedic program is also approved for 12 continuing education hours for Emergency Medical Technician and Paramedic certificates.

### **FIRE & LIFE SAFETY EDUCATOR I**

FFP1793, BFST1793, ATPC1793 (45 contact hours, 3 college credits, class size: 6 minimum, 20 maximum)

This course is designed to provide the public educator with the knowledge and skills needed to successfully perform as a fire and life safety educator as addressed in NFPA 1035. For those who practice the multidiscipline profession of fire and life safety educator (including uniformed fire service personnel and other professionals), topics include fire behavior, community assessment, injury prevention and juvenile fire setting. The student will also develop presentation skills and learn how to formulate public education programs. This course meets the national certification criteria for Fire and Life Safety Education, Level I.

**NOTE:** This course is an approved elective for Fire Inspector II and Fire Officer II.

### **FIRE & LIFE SAFETY EDUCATOR II**

FFP2794, BFST2794, ATPC2794 (24 contact hours, 1 college credits, class size: 6 minimum, 20 maximum)

This course is a continuation of Fire and Life Safety Educator I. The student will learn the principles of lesson plan development utilizing learning, performance, and behavioral objectives. The student will develop various evaluation strategies so that program outcomes are measured. Topics also include budget preparation and resource management. Prerequisite: Fire & Life Safety Educator I, FFP1793, BFST2794, or ATPC2794.

**NOTE:** This course is part of the Fire & Life Safety Educator Certification.

### **FIRE CHEMISTRY**

FFP2111, BFST2111, ATPC2111 (45 contact hours, 0 college credits, Class Size: 6 Min, 25 Max)

This course is designed to give the basic chemistry of hazardous materials, features of matter and energy, forms of matter including chemical formulas of some flammable and combustible substances and the nature of chemical bonding. Principals of chemical reactions related to fire and oxidation and the chemistry of fire. Subject material also includes chemistry of common elements and corrosive materials. Particular emphasis is placed on the specific substances that are found in fires that ignite and accelerate burning.

**NOTE:** This course may require work to be done prior to and /or following attendance at the course. Students will be notified prior to the class. Part of Fire Investigator I, and Fire Inspector II.

### **FIRE DEPARTMENT ADMINISTRATION**

FFP2780, BFST2780, ATPC2780 (45 contact hours, 3 college credits, class size: 6 minimum, 20 maximum)

The course is designed to present the principles of management theory, and its application in the fire service. The course is intended for officers whose area of responsibility encompasses long and short range planning, budgeting and administration.

**NOTE:** This course may require work to be done prior to and /or following attendance at the course. Students will be notified prior to the class.

### **FIRE EXTINGUISHER TECHNICIAN CERTIFICATION**

FSFC708, ATPC708 (40 hours, 0 college credits, class size: 6 minimum, 24 maximum)

Course curriculum is designed with two main objectives. The first objective is to prepare a student to obtain a license or permit for servicing, recharging, repairing, testing, inspecting and/or properly installing fire extinguishers. Secondly, students will also learn the responsibilities for oversight of fire equipment dealers and technicians, as enforced by firesafety inspectors and fire marshals (Statute 633.061). Students must bring long-sleeve cotton shirts to participate in practical exercises that illustrate these concepts.

### **FIRE INVESTIGATION: ORIGIN AND CAUSE**

FFP2610, BFST2610, ATPC2610 (45 contact hours, 3 college credits, Class Size: 6 Min, 25 Max)

The curriculum in this course is designed to enhance the fire investigators ability to detect and determinate the origin and cause of a fire. Specific topics include fire behavior review, investigator ethics, construction, ignition sources, reading fire patterns and scene reconstruction. Special topics include electrical fire investigation, woodland fires, vehicle fires, mobile home fires, RV & boat & ship fires. Additional topics include special emphasis on fire scene documentation and extinguishing/alert systems.

**NOTE:** This course may require work to be done prior to and /or following attendance at the course. Students will be notified prior to the class. Students are required to have hard hat, protective boots and gloves. Part of Fire Investigator I and Fire Inspector II.

### **FIRE PREVENTION PRACTICES**

FFP1505, BFST1505, ATPC1505 (45 contact hours, 3 college credits, class size: 6 minimum, 25 maximum)

A study of fire inspection practices, including such items as purpose; definition; Fire Prevention Bureau activities; hazards; fire behavior; fire causes; types of construction including structural features, flame spread, occupancy and fireload; inspection techniques; conducting inspections.

**NOTE:** This course may require work to be done prior to and /or following attendance at the course. Students will be notified prior to the class. Part of Fire Inspector I and Fire Officer I.

### **FIRE SERVICE COURSE DELIVERY**

FFP1740, BFST1740, ATPC1740 (45 contact hours, 3 college credits, class size: 6 minimum, 20 maximum)

The curriculum draws from many recognized authorities in exploring the methods and mechanics of imparting information and adult learning principles. The course emphasizes techniques which have wide application in teaching situations, as well as devices for specific areas. Also stressed are measuring teaching effectiveness, the use of media and visual aids.

**NOTE:** This course may require work to be done prior to and /or following attendance at the course. Students will be notified prior to the class.  
Part of Fire Officer I, Fire Instructor I, Fire Instructor II and Fire Instructor III.

### **FIRE SERVICE COURSE DESIGN**

FFP2741 BFST2741, ATPC2741 (45 contact hours, 0 college credits, class size: 6 minimum, 20 maximum)

This course covers the principles of effective curriculum design. It stresses the principles of adult learning and student-centered learning. Designing courses and units that address learning, performance, and behavioral objectives is the program goal.

**NOTE:** Part of Fire Officer II, Fire Instructor II and Fire Instructor III.

### **FIRE SERVICE HYDRAULICS**

FFP1301, BFST1301, ATPC1301 (45 contact hours, 3 college credits, class size: 6 minimum, 25 maximum)

The course curriculum covers relationship between flow and pressure and mathematical hydraulic formulas. Students must bring a simple calculator with square root function. Course includes pump theory, pump rating, and pressure and vacuum gauges.

**NOTE:** This course requires work to be done prior to and /or following attendance at the course. Part of Pump Operator.

### **FIREFIGHTING TACTICS AND STRATEGY I**

FFP1810, BFST1810, ATPC1810 (45 contact hours, 3 college credits, class size: 6 minimum, 20 maximum)

The curriculum is designed to cover basic factors involved in coping with an emergency scene, and determining the best use of available resources in protecting lives and property. The course emphasizes the changing nature of an emergency situation, and the ways in which the fire officer can evaluate the effectiveness of his or her proposed Incident Action Plan.

**NOTE:** This course may require work to be done prior to and /or following attendance at the course. Students will be notified prior to the class. IS700 completion is required as a prerequisite. Part of Fire Officer I.

## **FIREFIGHTING TACTICS AND STRATEGY II**

FFP2811, BFST2811, ATPC2811 (45 contact hours, 3 college credits, class size: 6 minimum, 20 maximum)

Curriculum covers multiple company operations, logistics, strategy, use of mutual aid forces and conflagration control. The course is intended for officers who may be in command of fires and other emergencies involving close coordination and maximum use of large amounts of staffing and equipment. Typical tactical situations and case histories are given. The development of critical thinking skills is stressed.

**NOTE:** This course may require work to be done prior to and /or following attendance at the course. Students will be notified prior to the class. Part of Fire Officer I. (Prerequisite FFP1810, BFST1810, ATPC1810 - Firefighting Tactics and Strategy I)

## **FLORIDA HEALTH & SAFETY OFFICER**

RN6741 (40 contact hours, 0 college credits, class size: 6 minimum, 20 maximum)

This course will cover both national and Florida specific information relating to the Health and Safety Officer. Topics include: Introduction to Emergency Services Occupational Safety and Health; Review of Safety-Related Regulations and Standards; Risk Management; Pre-Incident Safety; Safety at Fire Emergencies; Safety at Medical or Rescue Emergencies; Safety at Specialized Incidents; Post-Incident Safety Management; Personnel Roles and Responsibilities; Safety Program Evaluation; Information Management; and Special Topics in Emergency Services Occupational Safety and Health.

## **FLORIDA INCIDENT SAFETY OFFICER**

RN6742 (40 contact hours, 0 college credits, class size: 15 minimum, 20 maximum)

This course will cover both national and Florida specific information relating to an Incident Safety Officer. Topics include: The Safety Officer's Role; Safety Concepts; Regulations, Codes, Laws, Standards and Procedures; Designing an ISO System; Professional Development; Reading Buildings, Smoke, Risk, Hazardous Energy, and Firefighters; Triggers, Traps and Working within ICS; Basic Approach to ISO Duties; ISO at Structure Fires, Wildland Fires, HazMat Incidents and Technical Rescues; and Post-incident Responsibilities.

# **H**

## **HAZARDOUS MATERIALS TECHNICIAN**

BFST508, ATPC (160 contact hours, 0 college credits, class size: minimum 6, maximum 30)

This is the 160-hour hands-on practices HazMat course in which students will fulfill the functions of HazMat technicians in a variety of full-scale field scenarios. These scenarios include making entries into hazardous materials scenes and determination of type of incident by observation,

monitoring, and research. Students will set up full-size incident command and decontamination facilities and respond to simulated container and vehicle emergencies.

**NOTE:** Prerequisite: HazMat Operations Level

## I

### **INTERMEDIATE INCIDENT MANAGEMENT SYSTEM, I-300**

BFST522, ATPC522 (24 contact hours, 0 college credits, class size: 6 minimum, 30 maximum)  
(Prerequisite 1-200 - Basic Incident Management System)

In this course, the student must be able to list and describe the duties of various positions within the incident command system, construct an incident management organization for a given incident or event, including appropriate procedures for establishing command, transferring command, and terminating an incident, demonstrate knowledge of efficient incident resource management including logistics, finance, administration, and record-keeping, demonstrate a familiarity with air operations, and demonstrate knowledge of incident planning processes.

**NOTE:** This course is also taught by the Florida Division of Forestry. For more information contact your local DOF regional office for date and times course is offered.

## L

### **LATENT INVESTIGATIONS**

FFP2630, BFST2630, ATPC2630 (45 contact hours, 3 college credits, Class Size: 6 Min, 25 Max)

Course includes a review of chemistry of hazardous materials, types of explosives and their investigation, fire death/injury investigation, laboratory services and evidence handling, fire scene safety, investigation follow-up, sources of information. Additional subjects covered include civil and criminal investigations, motives, arson for profit, and various arson sets and devices.

**NOTE:** This course may require work to be done prior to and /or following attendance at the course. Students will be notified prior to the class. Prerequisite: State Certificate of Compliance, Fire Inspector Certification, or Certified Police Officer. Part of Fire Investigator II.

### **LEGAL CONSIDERATIONS FOR THE SAFETY OFFICER**



RN7529 (40 contact hours, 0 college credits, Class Size: 6 Min, 25 Max)

This course will provide information and materials so that the student can identify and use statutes and rules of the Florida Firefighter OSHA, explain the basic legal system and areas that impact the safety officer, be able to conduct an investigation, discuss litigation trends, and explain the consequences of unsafe acts.

### **LEGAL ISSUES FOR INVESTIGATORS**

FFP2670, BFST2670, ATPC2670 (45 contact hours, 0 college credits, Class Size: 6 Min, 25 Max)

The curriculum includes a study and understanding of arson and related state statutes, search and seizure guidelines for the fire investigator that include case studies of several applicable supreme court rulings, criminal and/or civil case preparation, courtroom practices and procedures and the qualifications of being an expert witness. An in depth study on the techniques of interviewing and interrogation. Student participation in mock trial scenarios and expert witness qualification. This week is the finale to the four week series and material from each of the other weeks are summarized into putting everything together to culminate a successful arson investigation.

**NOTE:** Prerequisite: FFP2243, BFST2243 or ATPC2243 - Latent Investigation, and a State Certificate of Compliance, Fire Inspector Certification, or Certified Police Officer. Part of Fire Investigator II.

### **LIVE FIRE ADJUNCT TRAINING**

BFST3722, ATPC3722 (16 contact hours, 0 college credits, Class Size: 6 Min, 25 Max)

This 16 hour course is designed to give the instructor/officer an overview of Live Fire Training in relation to NFPA 1402 and 1403, and Florida specific standards and legislation. The course will involve lecture with a practical emphasis on how to lead personnel in live fire evolutions.

### **LIVE FIRE TRAINING INSTRUCTOR PROGRAM**

BFST3530, ATPC3530 (40 contact hours, 0 college credits, Class Size: 6 Min, 25 Max)

This curriculum is designed to deliver a comprehensive live fire training program, within a safe and controlled environment, in accordance with NFPA 1402, NFPA 1403, and NFPA 1500. Both lecture and practical will be used allowing participants to apply knowledge of the above standards to training activities.

### **LIVE FIRE TRAINING INSTRUCTOR REFRESHER**

RN3842 (8 contact hours, 0 college credits, Class Size: 6 Min, 25 Max)

This course will review incidents that have occurred, cover program updates, legislative issues, practical applications, case histories, and new technologies. The program will be required to be completed for renewal of the Live Fire Training Instructor certification.

## **POST BLAST INVESTIGATIONS**

BFST406, ATPC406 (40 contact hours, 0 college credits, Class Size: 6 Min, 20 Max)

This course, following the model curriculum of the Federal Bureau of Investigation, covers crime scene procedures, laboratory procedures, chemical and physical components, and legal issues relative to bombing incidents.

**NOTE:** This course is limited to certified investigators. Part of Fire Investigator II.

## **PRIVATE FIRE PROTECTION SYSTEMS I**

FFP1540, BFST1540, ATPC1540 (45 contact hours, 3 college credits, class size: 6 minimum, 25 maximum)

This is a study of private fire protection and detection systems, such as sprinkler and standpipe systems, chemical extinguishing systems, detection systems and devices. Each system is discussed as to its need, construction, preventive maintenance and individual uses.

**NOTE:** This course requires work to be done prior to and /or following attendance at the course. Part of Fire Inspector I, Fire Investigator I, and Fire Officer II.

## **PRIVATE FIRE PROTECTION SYSTEMS II**

FFP2541, BFST2541, ATPC2541 (45 contact hours, 3 college credits, class size: 6 minimum, 25 maximum)

This course is an in-depth discussion of pre-engineered and portable systems, extinguishing agents, inspection procedures for code compliance and enforcement, and alarm systems.

**NOTE:** Part of Fire Inspector II.

## **PUBLIC INFORMATION OFFICER**

FFP2706, BFST2706, ATPC2706 (45 contact hours, 0 college credits, class size: 6 minimum, 25 maximum)

This course prepares the student to serve effectively as a organizational spokesperson, according to current practices in the profession of public relations and numerous examples from the fire service. Particular emphasis will be placed on case studies in crisis communications and the role of the Public Information Officer's role in the Incident Command System.

**NOTE:** This course is an approved elective for Fire Inspector II and Fire Officer II.

# A

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The course curriculum can be designed around the requirements of the requesting fire department. Classroom lectures and practical exercises are conducted in the principles and uses of aerial apparatus, including the recognition of hazards which may be present during aerial operations. The curriculum also includes classroom lectures and exercises in the principles, uses and tactical and safe placement of platform apparatus.

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# **B**

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**NOTE:** This course may require work to be done prior to and /or following attendance at the course. Students will be notified prior to the class. Part of Fire Officer I.

## **CONSTRUCTION DOCUMENTS AND PLANS REVIEW**

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## E

### **ETHICAL AND LEGAL ISSUES FOR THE FIRE SERVICE**

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## F

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This course is a continuation of Fire and Life Safety Educator I. The student will learn the principles of lesson plan development utilizing learning, performance, and behavioral objectives.

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**NOTE:** This course may require work to be done prior to and /or following attendance at the course. Students will be notified prior to the class. Students are required to have hard hat, protective boots and gloves. Part of Fire Investigator I and Fire Inspector II.

### **FIRE PREVENTION PRACTICES**

FFP1505, BFST1505, ATPC1505 (45 contact hours, 3 college credits, class size: 6 minimum, 25 maximum)

A study of fire inspection practices, including such items as purpose; definition; Fire Prevention Bureau activities; hazards; fire behavior; fire causes; types of construction including structural features, flame spread, occupancy and fireload; inspection techniques; conducting inspections.

**NOTE:** This course may require work to be done prior to and /or following attendance at the course. Students will be notified prior to the class. Part of Fire Inspector I and Fire Officer I.

### **FIRE SERVICE COURSE DELIVERY**

FFP1740, BFST1740, ATPC1740 (45 contact hours, 3 college credits, class size: 6 minimum, 20 maximum)

The curriculum draws from many recognized authorities in exploring the methods and mechanics of imparting information and adult learning principles. The course emphasizes techniques which have wide application in teaching situations, as well as devices for specific areas. Also stressed are measuring teaching effectiveness, the use of media and visual aids.

**NOTE:** This course may require work to be done prior to and /or following attendance at the course. Students will be notified prior to the class.

Part of Fire Officer I, Fire Instructor I, Fire Instructor II and Fire Instructor III.

### **FIRE SERVICE COURSE DESIGN**

FFP2741 BFST2741, ATPC2741 (45 contact hours, 0 college credits, class size: 6 minimum, 20 maximum)

This course covers the principles of effective curriculum design. It stresses the principles of adult learning and student-centered learning. Designing courses and units that address learning, performance, and behavioral objectives is the program goal.

**NOTE:** Part of Fire Officer II, Fire Instructor II and Fire Instructor III.

### **FIRE SERVICE HYDRAULICS**

FFP1301, BFST1301, ATPC1301 (45 contact hours, 3 college credits, class size: 6 minimum, 25 maximum)

The course curriculum covers relationship between flow and pressure and mathematical



hydraulic formulas. Students must bring a simple calculator with square root function. Course includes pump theory, pump rating, and pressure and vacuum gauges.

**NOTE:** This course requires work to be done prior to and /or following attendance at the course. Part of Pump Operator.

### **FIREFIGHTING TACTICS AND STRATEGY I**

FFP1810, BFST1810, ATPC1810 (45 contact hours, 3 college credits, class size: 6 minimum, 20 maximum)

The curriculum is designed to cover basic factors involved in coping with an emergency scene, and determining the best use of available resources in protecting lives and property. The course emphasizes the changing nature of an emergency situation, and the ways in which the fire officer can evaluate the effectiveness of his or her proposed Incident Action Plan.

**NOTE:** This course may require work to be done prior to and /or following attendance at the course. Students will be notified prior to the class. IS700 completion is required as a prerequisite. Part of Fire Officer I.

### **FIREFIGHTING TACTICS AND STRATEGY II**

FFP2811, BFST2811, ATPC2811 (45 contact hours, 3 college credits, class size: 6 minimum, 20 maximum)

Curriculum covers multiple company operations, logistics, strategy, use of mutual aid forces and conflagration control. The course is intended for officers who may be in command of fires and other emergencies involving close coordination and maximum use of large amounts of staffing and equipment. Typical tactical situations and case histories are given. The development of critical thinking skills is stressed.

**NOTE:** This course may require work to be done prior to and /or following attendance at the course. Students will be notified prior to the class. Part of Fire Officer I. (Prerequisite FFP1810, BFST1810, ATPC1810 - Firefighting Tactics and Strategy I)

### **FLORIDA HEALTH & SAFETY OFFICER**

RN6741 (40 contact hours, 0 college credits, class size: 6 minimum, 20 maximum)

This course will cover both national and Florida specific information relating to the Health and Safety Officer. Topics include: Introduction to Emergency Services Occupational Safety and Health; Review of Safety-Related Regulations and Standards; Risk Management; Pre-Incident Safety; Safety at Fire Emergencies; Safety at Medical or Rescue Emergencies; Safety at Specialized Incidents; Post-Incident Safety Management; Personnel Roles and Responsibilities; Safety Program Evaluation; Information Management; and Special Topics in Emergency Services Occupational Safety and Health.

### **FLORIDA INCIDENT SAFETY OFFICER**

RN6742 (40 contact hours, 0 college credits, class size: 15 minimum, 20 maximum)

This course will cover both national and Florida specific information relating to an Incident Safety Officer. Topics include: The Safety Officer's Role; Safety Concepts; Regulations, Codes,

Laws, Standards and Procedures; Designing an ISO System; Professional Development; Reading Buildings, Smoke, Risk, Hazardous Energy, and Firefighters; Triggers, Traps and Working within ICS; Basic Approach to ISO Duties; ISO at Structure Fires, Wildland Fires, HazMat Incidents and Technical Rescues; and Post-incident Responsibilities.

## H

### **HAZARDOUS MATERIALS TECHNICIAN**

BFST508, ATPC (160 contact hours, 0 college credits, class size: minimum 6, maximum 30)  
This is the 160-hour hands-on practices HazMat course in which students will fulfill the functions of HazMat technicians in a variety of full-scale field scenarios. These scenarios include making entries into hazardous materials scenes and determination of type of incident by observation, monitoring, and research. Students will set up full-size incident command and decontamination facilities and respond to simulated container and vehicle emergencies.

**NOTE:** Prerequisite: HazMat Operations Level

## I

### **INTERMEDIATE INCIDENT MANAGEMENT SYSTEM, I-300**

BFST522, ATPC522 (24 contact hours, 0 college credits, class size: 6 minimum, 30 maximum)  
(Prerequisite 1-200 - Basic Incident Management System)

In this course, the student must be able to list and describe the duties of various positions within the incident command system, construct an incident management organization for a given incident or event, including appropriate procedures for establishing command, transferring command, and terminating an incident, demonstrate knowledge of efficient incident resource management including logistics, finance, administration, and record-keeping, demonstrate a familiarity with air operations, and demonstrate knowledge of incident planning processes.

**NOTE:** This course is also taught by the Florida Division of Forestry. For more information contact your local DOF regional office for date and times course is offered.

## L

## **LATENT INVESTIGATIONS**

FFP2630, BFST2630, ATPC2630 (45 contact hours, 3 college credits, Class Size: 6 Min, 25 Max)

Course includes a review of chemistry of hazardous materials, types of explosives and their investigation, fire death/injury investigation, laboratory services and evidence handling, fire scene safety, investigation follow-up, sources of information. Additional subjects covered include civil and criminal investigations, motives, arson for profit, and various arson sets and devices.

**NOTE:** This course may require work to be done prior to and /or following attendance at the course. Students will be notified prior to the class. Prerequisite: State Certificate of Compliance, Fire Inspector Certification, or Certified Police Officer. Part of Fire Investigator II.

## **LEGAL CONSIDERATIONS FOR THE SAFETY OFFICER**

RN7529 (40 contact hours, 0 college credits, Class Size: 6 Min, 25 Max)

This course will provide information and materials so that the student can identify and use statutes and rules of the Florida Firefighter OSHA, explain the basic legal system and areas that impact the safety officer, be able to conduct an investigation, discuss litigation trends, and explain the consequences of unsafe acts.

## **LEGAL ISSUES FOR INVESTIGATORS**

FFP2670, BFST2670, ATPC2670 (45 contact hours, 0 college credits, Class Size: 6 Min, 25 Max)

The curriculum includes a study and understanding of arson and related state statutes, search and seizure guidelines for the fire investigator that include case studies of several applicable supreme court rulings, criminal and/or civil case preparation, courtroom practices and procedures and the qualifications of being an expert witness. An in depth study on the techniques of interviewing and interrogation. Student participation in mock trial scenarios and expert witness qualification. This week is the finale to the four week series and material from each of the other weeks are summarized into putting everything together to culminate a successful arson investigation.

**NOTE:** Prerequisite: FFP2243, BFST2243 or ATPC2243 - Latent Investigation, and a State Certificate of Compliance, Fire Inspector Certification, or Certified Police Officer. Part of Fire Investigator II.

## **LIVE FIRE ADJUNCT TRAINING**

BFST3722, ATPC3722 (16 contact hours, 0 college credits, Class Size: 6 Min, 25 Max)

This 16 hour course is designed to give the instructor/officer an overview of Live Fire Training in relation to NFPA 1402 and 1403, and Florida specific standards and legislation. The course will involve lecture with a practical emphasis on how to lead personnel in live fire evolutions.

## **LIVE FIRE TRAINING INSTRUCTOR PROGRAM**

BFST3530, ATPC3530 (40 contact hours, 0 college credits, Class Size: 6 Min, 25 Max)  
This curriculum is designed to deliver a comprehensive live fire training program, within a safe and controlled environment, in accordance with NFPA 1402, NFPA 1403, and NFPA 1500. Both lecture and practical will be used allowing participants to apply knowledge of the above standards to training activities.

### **LIVE FIRE TRAINING INSTRUCTOR REFRESHER**

RN3842 (8 contact hours, 0 college credits, Class Size: 6 Min, 25 Max)

This course will review incidents that have occurred, cover program updates, legislative issues, practical applications, case histories, and new technologies. The program will be required to be completed for renewal of the Live Fire Training Instructor certification.

## **P**

### **POST BLAST INVESTIGATIONS**

BFST406, ATPC406 (40 contact hours, 0 college credits, Class Size: 6 Min, 20 Max)  
This course, following the model curriculum of the Federal Bureau of Investigation, covers crime scene procedures, laboratory procedures, chemical and physical components, and legal issues relative to bombing incidents.

**NOTE:** This course is limited to certified investigators. Part of Fire Investigator II.

### **PRIVATE FIRE PROTECTION SYSTEMS I**

FFP1540, BFST1540, ATPC1540 (45 contact hours, 3 college credits, class size: 6 minimum, 25 maximum)

This is a study of private fire protection and detection systems, such as sprinkler and standpipe systems, chemical extinguishing systems, detection systems and devices. Each system is discussed as to its need, construction, preventive maintenance and individual uses.

**NOTE:** This course requires work to be done prior to and /or following attendance at the course. Part of Fire Inspector I, Fire Investigator I, and Fire Officer II.

### **PRIVATE FIRE PROTECTION SYSTEMS II**

FFP2541, BFST2541, ATPC2541 (45 contact hours, 3 college credits, class size: 6 minimum, 25 maximum)

This course is an in-depth discussion of pre-engineered and portable systems, extinguishing agents, inspection procedures for code compliance and enforcement, and alarm systems.

**NOTE:** Part of Fire Inspector II.

## **PUBLIC INFORMATION OFFICER**

FFP2706, BFST2706, ATPC2706 (45 contact hours, 0 college credits, class size: 6 minimum, 25 maximum)

This course prepares the student to serve effectively as a organizational spokesperson, according to current practices in the profession of public relations and numerous examples from the fire service. Particular emphasis will be placed on case studies in crisis communications and the role of the Public Information Officer's role in the Incident Command System.

**NOTE:** This course is an approved elective for Fire Inspector II and Fire Officer II.