Syllabus:
Firefighter I

Subject Code: 172801
Course Number: PS5310
CIP Code: 43.0203
SOC Code: 33-2011

C-TEC of Licking County
150 Price Road
Newark, Ohio 43055
Program Director:
- Earl Miller

Instructor Contact:
- C-TEC 150 Price Road Newark, Ohio 43055
- Appointments as scheduled
- Office Telephone (740) 364-2298
- C-TEC Telephone (740) 364-2333
- Email Address: emiller@c-tec.edu

Class Meeting Times:
- Monday and Wednesday 6:00 p.m. – 10:00 p.m.
- Saturdays 8:00 a.m. – 5:00 p.m. as scheduled

Class Location:
- Classroom 7003

Program Hours:
- 160 Hours

Course Prerequisites:
- Individuals shall be at least eighteen years of age, except that a chartered fire training program may admit a student who is 17 years old provided that the student has graduated or is enrolled in the twelfth or final grade in a secondary school program. A chartered fire training program may admit a student into a secondary school Firefighter I course who is sixteen years old provided that the student is enrolled in the eleventh grade or twelfth grade in a secondary school public safety program.
- Individuals shall demonstrate a pre-determined level of cognitive proficiency by one of the following methods: through successful completion of a cognitive-based pre-admission assessment of test such as the ACT, SAT, WorkKeys, Compass, Accuplacer, TABE, or equivalent; documentation of high school or college GPA.
- Individuals shall meet all admission requirements established by the chartered fire training program.
- Individuals shall meet “NFPA 1001” chapter 4 entrance requirements
  - Minimum educational requirements as established by the Authority Having Jurisdiction (AHJ).
  - Age requirements as established by the AHJ.
  - Essential Job Tasks of NFPA 1582, Standard on Comprehensive Occupational Medical Program for Fire Departments, Chapter 5, Subsection 5.1.1, as determined by the medical AHJ.
  - Fitness Requirements. Physical fitness requirements for entry-level personnel as developed and validated by the AHJ.
  - Emergency Medical Care training as developed and validated by the AHJ to include infection control, CPR, bleeding control, and shock management.
Course Requirements:
- Capable of strenuous physical activity
- No facial hair (mustache acceptable)
- Physical Form (submitted on the first day of class)
- BCI/FBI background check code#109 578 is required
- NFPA approved fire equipment and gear. Gear can be rented at www.rentbunkergear.com or phone (800) 476 – 4568
- Valid Driver’s License
- Completion of NIMS 100 and 700 (copy of certificate required)  
- Must be at least 17 years old and a high school senior
- Must be in department uniform or navy blue shirt and pants with black shoes. Refer to the EMT and Firefighter Student Handbook.
- All required forms and schedules are on the C-TEC website [http://www.c-tec.edu/cms/One.aspx?portalId=76736&pageId=95922](http://www.c-tec.edu/cms/One.aspx?portalId=76736&pageId=95922). Click on either Firefighter training or Emergency Medical Technician. All forms shall be printed prior to the first class.
- Successful completion of an emergency vehicle operator course (EVOC)
- Applicants shall have not been convicted of any of the following:
  - Any felony;
  - A misdemeanor committed in the course of practice;
  - A misdemeanor involving moral turpitude.
- Shall not have committed fraud, misrepresentation, or material deception in applying for or obtaining a certificate issued under section 4765.55 of the Ohio Revised Code and this chapter.
- Shall not have been previously revoked or denied a certificate by the executive director or the licensing organization in another state.

Required and Recommended Texts and Resources:

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<thead>
<tr>
<th>Publisher</th>
<th>Editor</th>
<th>TITLES</th>
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<tbody>
<tr>
<td>PennWell Corp.</td>
<td>Glenn Corbett</td>
<td>Fire Engineering’s Handbook for Firefighter I &amp; II</td>
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<td>Fire Engineering’s Skill Drills for Firefighter I &amp; II</td>
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<td>(Skill Drills is bundled with Handbook)</td>
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Course Description:
The Firefighter I course is designed to give new firefighters the practical and cognitive training needed to operate safely and effectively on the fireground. The course meets the training and education standards for Firefighter I as identified in the National Fire Protection Association (NFPA) Standards, NFPA 1001, Firefighter Professional Qualifications, and is the minimum level of training recommended to function as a firefighter in the State of Ohio. This entry-level firefighter training course focuses on an intense hands-on approach to firefighting, which promotes both skill competency and an understanding of the fireground.

Successful completion of this course is required to be eligible to sit for the state examination to be certified at the Firefighter I level.

Students will train in department organization, safety, fire behavior, portable extinguishers, personal protective equipment, tools, ladders, fire hose, appliances and streams, overhaul, rescue and water
supplies. Additionally, students will learn about fire alarms and communications, building construction, forcible entry, ventilation, ropes, control, salvage, cause and origin, detection, alarm and suppression systems, prevention, public education, cause determination, building construction and hazardous materials.

Upon successful completion of this course, students will be eligible to take the Firefighter 1 Certification Test. Upon successful completion of the Firefighter 1 Certification test and proof of successful completion to the 16 hour Emergency Vehicle Operations Course (EVOC) the student will be prepared for entry level positions in Firefighting.

**Prerequisite:**
A. Verification of successful completion of an Ohio chartered First Responder course, or Basic EMT course.

   OR

B. Current State of Ohio First Responder, Basic EMT, Advanced or Paramedic certification.

   OR

C. Successful completion of the C-TEC Emergency Medical Care (8 Hr. Course)

**Course Objectives/Outcomes/Sequence:**

The course objectives include:

- Preparing students for post-program success, both in the work force and in their educational pursuits.
- Preparing students to process information using higher order thinking skills and to engage in sound decision-making.
- Providing a rich learning environment utilizing research-based methods of instruction, and current resources and materials.
- Maintaining high expectations for all students regardless of educational needs and providing support necessary for achievement.
- Providing a challenging, worthwhile curriculum based on current industry/academic expectations. Specifically and upon successful completion of the program/course for Firefighter 1 the students will be able to demonstrate proficiency with the following content:
  - General Fire Service Knowledge and Skill Requirements
  - Fire Department Communications
  - Fire Ground Operations
  - Rescue Operations
  - Preparedness and Maintenance
  - Ohio Hazmat & WMD Emergency Awareness and Operations
  - Ohio Hazmat & WMD Operations Level for the First Responder
  - Courage to be Safe Sixteen Life Safety Initiatives Objectives
  - Meet the standards and rules as established by the Ohio Division of Public Safety,
  - Any applicable rules adopted by the EMS Board in any section of the Ohio Revised Code and/or Ohio Administrative Code which apply to Firefighting

Rev. 5/1/18
**Grading:**
Throughout the course student performance will be evaluated utilizing classroom assignments, classroom and on-line (take home) quizzes, journal summary, and practical skills tests in compliance with the C-TEC Board of Education policy on grading guidelines, practices, and procedures. A final exam will be administered in class. The Grading scale is as follows:

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<th>Letter Grade</th>
<th>Percent</th>
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<td>93-100</td>
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<tr>
<td>A-</td>
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**CLASSROOM AND LABORATORY EXPERIENCE EVALUATION RULES AND REQUIREMENTS:**

The required texts are the “Fire Engineering’s Handbook for Firefighter I & II” and “Fire Engineering’s Skill Drills for Firefighter I and II” (published by PenWell corporation). Textbook reading assignments should be completed prior to each class. You are expected to come to all classes/laboratories prepared to participate with assigned materials reviewed prior to class. Texts and handouts must be brought to class.

**Journal Summary:** A journal summary should begin with an introductory paragraph that introduces the main topic of the article and summarizes its content. Following the introduction, several paragraphs should be written detailing insights, implications, and how the information relates to your career. In addition, the reflection should include your thoughts and opinions concerning the content of the article. Summaries should be approximately 1 1/2 to 2 pages in length.

To successfully complete classroom/laboratory experiences, you must:

1. **Satisfactorily Meet Course Objectives.** Evaluation of your practical skills will occur throughout the course in compliance with the program objectives developed by The Ohio Dept. of Public Safety (ODPS). Failure in passing these objectives will prevent you from sitting for the State of Ohio Written Certification Exam.

2. **Classroom and Laboratory Attendance is Required** as mandated by the ODPS, Division of EMS. Students must be present and actively participate during 100% of the curriculum hours. Tardiness is included with absenteeism and subject to disciplinary action. Students may miss no more than 10% of the total scheduled hours. All missed time and content must be made up with a C-TEC instructor (at a cost of $28.00/hr., paid prior to the make up session) at the student’s expense. Missed time exceeding 10% of the classroom hours will result in unsatisfactory
course completion and dismissal from the course. No refund will be issued for dismissal due to lack of attendance.

3. GRADE METHODOLOGY. Throughout the course student performance will be evaluated utilizing classroom assignments, on-line (take home) quizzes and practical skills tests. A final exam will be administered in class.

Classroom assignments account for 10% of the final grade; written and on-line quizzes and practical tests account for 50% of the final grade; and the final exam accounts for 40% of the final grade.

Students must have an overall minimum final grade average ≥ 80% to successfully complete the course and be eligible for State of Ohio Certification testing.

a) Practical Skills tests will be graded on a pass/fail basis and the student must pass all practical skills tests, within 3 attempts, to continue in the program.

b) Grades for all written tests and quizzes are based on 100 percentage points. The minimum passing score for on-line (take home) quizzes is 80% (in 1 of 3 attempts). The minimum passing score for on-line or written (in class) quizzes and the final exam is 70% (in 1 of 3 attempts).

Written or on-line, take home and in class Chapter Quizzes may be administered upon completion of each topic and cover multiple chapters. The student must pass each take home quiz with minimum score of 80% within 3 attempts. The student must pass each in class quiz with minimum score of 70% within 3 attempts.

Take Home Quizzes
- Quizzes will open and remain open for 2 weeks upon Chapter completion. During the first open week, the student’s first attempt must be completed with a score ≥80%. Failure to complete the first attempt within the first week will result in a recorded grade of 0%.
- Students must complete a second attempt within 2 weeks from the opening date, for any first attempt score < 80%. The average of the first and second attempt results will be the recorded score for that quiz. Failure to complete the second attempt within the 2 week open window will result in a recorded grade of 0%.
- Students who fail to obtain a second attempt score ≤ 80% must complete a third and final attempt within 2 weeks from the open date for that quiz. Failure to complete the second attempt within the 2 week open window will result in a recorded grade of 0%. The average of the first, second and third attempts results will be the recorded score for that quiz. Failure to obtain the minimum passing score on any Quiz or Exam within 3 attempts will result in unsuccessful course completion.

In Class Quizzes
- Students may have up to and including 3 attempts to obtain a passing score of ≥ 70% on each in-class quiz.
- The first attempt is administered in the classroom setting as scheduled.
- Students must complete a second attempt within 2 weeks from the date of the first attempt, for any first attempt score < 70%. The average of the first and second attempt results will be the recorded score for that quiz. Failure to complete the second attempt within the 2 weeks from the date of the first attempt will result in a recorded grade of 0%.
- Students who fail to obtain a second attempt score ≤ 70% must complete a third and final attempt within 2 weeks from the date of the first attempt. Failure to complete the second attempt
within the 2 weeks from the date of the first attempt will result in a recorded grade of 0%. The average of the first, second and third attempts results will be the recorded score for that quiz. Failure to obtain the minimum passing score on any Quiz or Exam within 3 attempts will result in unsuccessful course completion.

Final Exam
The minimum passing score is 70% (within 3 attempts) for the final exam and is required in order to sit for the State of Ohio Written Certification Exam. Students must pass the written final exam prior to the scheduled date of the Practical Evolutions Testing. Failure of the first attempt may delay the students’ ability to sit for the State of Ohio Exam.

REQUIREMENTS FOR STATE OF OHIO CERTIFICATION TESTING
After satisfactorily completing the classroom/laboratory experience, the student will be issued a C-TEC FFI Certificate of Completion. The student will also qualify to take the State of Ohio Practical and written examination which is the State of Ohio certifying exam to practice as a Fire Fighter in the State of Ohio.

STATE OF OHIO PSYCHOMOTOR SKILLS ASSESSMENT The practical exams are graded on a pass or fail system. You will need to pass the Practical exam before you can take the Written Exam.

STATE OF OHIO COGNITIVE EXAMINATION You must have your C-TEC class fees completely paid before you will be allowed to take the State of Ohio Written Exam. You must score a 70% to pass your State of Ohio Written Exam. You may retest two times within a year of class completion. To retest you must do the following:

a) Students can register for exams through C-TEC
b) Bring picture ID to test
c) Fees for the first attempt of the State of Ohio Cognitive Examination are included in the FFI course fees. Fees for any and all subsequent attempts are the student’s responsibility.

Credentialing:
• Firefighter 1
Course Policies:

- **Disruptive Behavior** – Disruptive behavior of any type is NOT permitted and may result in dismissal from the program. Sleeping during class, tardiness to class, excessive talking during class and disrespectful behavior are examples of disruptive behavior.

- **Plagiarism** – Submitting plagiarized work for an academic requirement is considered academic misconduct. Plagiarism is the representation of another’s work or ideas as one’s own; it includes the unacknowledged word-for-word use and/or paraphrasing of another person’s work, and/or inappropriate unacknowledged use of another person’s ideas.

- **Diversity** - It is the responsibility of the instructor and the students to foster and maintain a harmonious, non-threatening and non-discriminating environment in the classroom. Therefore, all individuals are to be respected as equal and contributing partners of our society.

- **Attendance:** Must maintain at least 100% rate of attendance. You are required to attend all classes. Any absences must be made up in both time and content and documented on the appropriate form.

- **Make-Up Hours**

  In the event that a student would miss any mandatory class as established by the Program Coordinator, the student will be afforded the opportunity to make-up missed hours at his or her personal expense.* As established by the Ohio Division of EMS, “All make-up hours must be completed by the last day of class and prior to the State of Ohio Firefighter I certification examinations.

  The requirements for make-up hours state that “hour-for-hour make-up may be conducted one-on-one by the same instructor who taught the topic in the student’s original school. Make-up hours for a topic taught by an instructor other than the original instructor cannot be made hour-for-hour. The entire topic must be made up.” In order to make-up hours for the EMT or FF 1 & 2 course, the Program Coordinator or his designee, such as the High School Instructor, will work with the student and the original instructor to set a date, time, and location to complete the instruction outside of normal school hours and will complete the required make-up documentation. Transportation to and from the site for the student is the personal responsibility of the student. The student is responsible for individual instruction makeup fees at the rate of $28.00/hour and are due prior to the start of the makeup session. Failure to complete any missed instruction time will result in not meeting the required attendance as set forth in the Ohio Administrative Code and failure to complete the course.

*NOTE* Some Laboratory classes (i.e. FF 1 & 2 Live Fire evolutions, Ladder Maze, Rescue class and others) cannot be made up. It will be at the discretion of the Firefighting Program coordinator as to whether a Laboratory class can logistically be made up even at the student’s expense.
COURSE DISCIPLINARY ACTION/DISMISSAL POLICY

Disciplinary action and/or dismissal from any phase of any C-TEC Public Safety program may be initiated for the following types of behavior:

- Cheating
- Failure to meet course objectives and/or requirements related to academic standing, skills performance, clinical performance, health, attitude and/or conduct.
- Repeated tardiness
- Absenteeism
- Sleeping during class or during clinical sessions
- Lack of engagement and/or participation in class
- Failure or refusal to follow course instructions
- Falsification of records and/or documents
- Improper conduct toward faculty, classmates, patients or employees of program facilities
- Failure to follow C-TEC Public Safety Dress Code
- Theft or destruction of property
- Leaving without permission (this includes classroom and clinical sites)
- Not following rules/regulations in the classroom and clinical phase of training.
- During any classroom, laboratory or clinical session, consumption of or being under the influence of, any of the following shall be prohibited:
  - Alcoholic beverages
  - Illegal drugs
  - Prescription drugs that alter a student’s ability to perform skills objectives safely

*In the interest of the overall safety and health of the class and the individual students, any instructor may exclude any student(s) on the suspicion of consumption or being under the influence of any of the preceding listed items.*

RIGHT OF APPEAL

As a student, you have the right of appeal. You must present an appeal in writing to the Public Safety Service Coordinator within five days of notification of disciplinary action. The Public Safety Service Coordinator shall within ten days of receipt of notification of appeal, schedule a meeting with the student, Director of Adult Education, Public Safety Service Coordinator and instructor. For more information, contact:

C-TEC Adult Education, Earl Miller 740-364-2298 emiller@c-tec.edu

COMPLETION OF COURSE

- You should receive your State test results immediately after testing.
Requirements for Firefighter I Certification

- An applicant for Firefighter certificate shall be at least eighteen (18) years of age.
- Completion of National Incident Management System, IS 100.
- Completion of National Incident Management System, IS 700.
- Successful completion of a Firefighter I course consisting of a minimum of one hundred and sixty (160).
- “Courage to be Safe: Sixteen Life Safety Initiatives Course.”
- Prior to application for certification, but not more than twelve months prior to the firefighter training course start date, successful completion of an approved Emergency Vehicle Operations Course (consistent with the intent of NFPA 1001 and NFPA 1451).
- Shall successfully complete Hazardous Materials/Weapons of Mass Destruction awareness and operations level training.
- Shall successfully complete emergency medical care training as specified in NFPA 1001, chapter 4.3.
- Shall pass the knowledge and practical skills examinations as set forth in rule 4765-20-06 of the Administrative Code within one hundred eighty (180) days of firefighter I training course completion.
- Shall submit a completed application within ninety (90) days of passing the knowledge examination.
- Shall not have been convicted of any of the following:
  a. Any felony
  b. A misdemeanor committed in the course of practice
  c. A misdemeanor involving moral turpitude
- Applicants shall not have committed fraud, misrepresentation, or material deception in applying for or obtaining a certificate issued under section 4765.55 of the Revised Code and this chapter.
- Applicants shall not have been previously revoked or denied a certificate by the executive director or the licensing organization in another state.
- Turning in all assigned and completed documents including but not limited to NIMS IS 100 & IS 700, other homework, completed workbooks, etc.
- Passing the Mid-Term & Final Test with a 70% or better.
- Maintain an average class grade of 80% minimum.

Sequence:

General Knowledge Requirements – The organization of the fire department; the role of the Firefighter I in the organization; the mission of fire service; the fire department’s standard operating procedures (SOPs) and rules and regulations as they apply to the Firefighter I; the value of fire and life safety initiatives in support of the fire department mission and to reduce firefighter line-of-duty injuries and fatalities; the role of other agencies as they relate to the fire department; aspects of the fire department’s member assistance program; the importance of physical fitness and a healthy lifestyle to the performance of the duties of a firefighter; the critical aspects of NFPA 1500, Standard on Fire Department Occupational Safety and Health Program.

- Describe the organization of the fire department.
- Discuss the role of the Firefighter I within the organization.
- State the mission of the fire service.
• Explain a fire department’s standard operating procedures, rules, and regulations as they apply to Firefighters.
• Outline the value of the fire and life safety initiatives in support of the fire department mission and to reduce fire fighter line-of-duty injuries and fatalities.
• Discuss the roles of other agencies as they relate to the fire department.
• Discuss the critical aspects of fire department’s member assistance program and the critical aspects of NFPA 1500, Fire Department Occupational Safety and Health Program.
• Discuss the importance of physical fitness and a healthy lifestyle to the performance of the duties of a firefighter and the critical aspects of NFPA 1500, Standard on Fire Department Occupational Safety and Health Program.

General Skill Requirements – The ability to don personal protective clothing, doff personal protective clothing and prepare for reuse, hoist tools and equipment using ropes and the correct knot, and locate information in departmental documents and standard or code materials.
• Explain the conditions that require personal protective equipment.
• Identify each component of the personal protective equipment.
• Discuss the uses and limitation of personal protective equipment.
• Describe the steps for donning of personal protective equipment.
• Describe the steps for doffing of personal protective equipment.
• Don a full ensemble of personal protective clothing and prepare for use within one minute.
• Doff the full ensemble of personal protective clothing and prepare for reuse.
• Locate and clarify information in department documents, standards and code materials.

Fire Department Communications – Initiate the response to a reported emergency, given the report of an emergency, fire department SOPs, and communications equipment, so that all necessary information is obtained, communications equipment is operated correctly and the information is relayed promptly and accurately to the dispatch center.
• Outline the procedures for reporting an emergency.
• Describe departmental standard operating procedures for taking and receiving alarms, radio codes or procedures, and information needs of dispatch centers.
• Demonstrate proper operation of the fire department communications equipment, relaying information, and recording information.
• Receive a telephone call, given a fire department phone, so that procedures for answering the phone are used and the caller’s information is relayed.
  • Outline a fire department’s procedures for answering non-emergency telephone calls.
  • Demonstrate the ability to operate fire station telephone and intercom equipment.
• Transmit and receive messages via the fire department radio, given a fire department radio and operating procedures, so that the information is accurate, complete, clear, and relayed within the time established by the AHJ.
  • Describe departmental radio procedures and etiquette for routine traffic, emergency traffic, and emergency evacuation signals.
  • Demonstrate the ability to operate radio equipment and discriminate between routine and emergency traffic.
• Activate an emergency call for assistance, given vision obscured conditions, PPE, and department SOPs, so that the firefighter can be located and rescued.
  • Describe personnel accountability systems, emergency communication procedures, and emergency evacuation methods.
- Demonstrate the ability initiate a MAYDAY call and other methods of emergency evacuation methods.

**Fireground Operations** – Perform activities necessary to ensure life safety, fire control, and property conservation, according to the JPRs in NFPA 1001, 5.3.1 through 5.3.19.

- **Self-Contained Breathing Apparatus (SCBA)** – Use SCBA during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised and hazardous areas are exited prior to air depletion.
  - Explain the conditions that require respiratory protection
  - Discuss the uses and limitations of SCBA.
  - Identify each component of the SCBA.
  - Describe the donning procedures for personal protective equipment.
  - List and discuss breathing techniques while wearing the SCBA.
  - Discuss the indications for and emergency procedures used with SCBA.
  - Recognize the physical requirements of the SCBA wearer.
  - Don a full ensemble of personal protective clothing and SCBA correctly and begin breathing air within two minutes.
  - Demonstrate the ability to control breathing.
  - Demonstrate emergency procedures in the event of SCBA failure or air depletion.
  - Exit through a restricted passage wearing full protective gear including SCBA.
  - Replace a depleted air cylinder with a full air cylinder.

- **Response Safety** – Respond on apparatus to an emergency scene, given personal protective clothing and other necessary personal protective equipment, so that the apparatus is correctly mounted and dismounted, seat belts are used while the vehicle is in motion, and other personal protective equipment is correctly used.
  - Discuss the mounting and dismounting procedures for riding fire apparatus.
  - Describe the hazards and ways to avoid hazards associated with riding apparatus.
  - Describe the practices that are prohibited on the apparatus.
  - List the types of department personal protective equipment and the means for usage.
  - Demonstrate the ability to use each piece of provided safety equipment.

- **Scene Control** – Establish and operate in work areas at emergency scenes, given protective equipment, traffic and scene control devices, structure fire and roadway emergency scenes, traffic hazards and downed electrical wires, an assignment, and SOPs, so that procedures are followed, protective equipment is worn, protected work areas are established as directed using traffic and scene control devices, and the firefighter performs assigned tasks only in established, protected work areas.
  - Explain the potential hazards involved in operating on emergency scenes including vehicle traffic, utilities, and environmental condition.
  - Describe the proper procedures for dismounting the apparatus in traffic.
  - Explain the procedures for safe operation at emergency scenes.
  - Identify protective equipment available for member’s safety at designated emergency and work zones.
  - Demonstrate the ability to use personal protective clothing.
  - Deploy traffic and scene control devices.
  - Properly dismount the apparatus and operate in the protected work area as directed.

- **Building Construction** – Recognize and demonstrate an understanding of basic principles of building construction, key terms that apply to building construction, building construction
classifications as referenced in NFPA 220, Standard on Type of Building Construction and the International Building Code in relationship to the role of the Firefighter.

- Identify and discuss the types of forces and loads that impact building construction.
- Identify and describe the basic types of building materials.
- Identify and describe the five common types of building construction and the effect fire has on the structural integrity of the construction type.
- Identify and describe the primary strengths and weaknesses of construction types.
- Identify and discuss the basic structural components in a building.
- Identify and discuss factors affecting structural stability of a building.
- Describe dangerous building conditions created by a fire or by actions taken while trying to extinguish a fire.
- Identify indicators of building collapse.
- List actions to take to limit injury or death to personnel in the event of structural collapse.
- Describe hazards associated with lightweight and truss construction.
- Describe the impact of new building construction technology on the fire service.

**Forcible Entry** – Force entry into a structure, given personal protective equipment, tools, and an assignment, so that the tools are used as designed, the barrier is removed, and the opening is in a safe condition and ready for entry.

- Explain the basic construction of typical doors, windows, and walls within the department’s community or service area.
- Explain the operation of doors, windows, and locks.
- Describe the dangers associated with forcing entry through doors, windows, and walls.
- Demonstrate how to carry, operate and use hand and power tools to force entry through doors, windows, and walls while using assorted methods and tools.

**Exit Hazard** – Exit a hazardous area as a team, given vision-obscured conditions, so that a safe haven is found before exhausting the air supply, others are not endangered, and the team integrity is maintained.

- Discuss the personal accountability systems.
- Describe communication procedures for emergency evacuations.
- Discuss emergency evacuation methods.
- Explain what constitutes a safe haven.
- Outline the elements that create or indicate a hazard.
- Describe the emergency procedures for loss of air supply.
- Demonstrate the ability to operate as a team member in vision-obscured conditions, locate and follow a guideline, conserve air supply, and evaluate areas for hazards, and identify a safe haven.

**Ground Ladder** – Set up ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component, and the assignment is accomplished.

- Identify the parts of a ladder.
- Explain the hazards associated with setting up ladders.
- Explain what constitutes a stable foundation for ladder placement.
- Describe the different angles necessary for various tasks.
- Discuss the safety limits to the degree of angulations.
- Explain what constitutes a reliable structural component for adequate support of a ladder.
- Demonstrated the ability to carry a ladder, raise a ladder, extend a ladder, and lock flies.
- Determine that wall and roof will support the ladder.
- Select the correct extension ladder for a given height.
- Properly place the ladder to avoid obvious hazards.
- Demonstrate the ability to correctly climb a ladder.

**Vehicle Fire** – Attack a passenger vehicle fire operating as a member of a team, given personal protective equipment, attack line, and hand tools, so that hazards are avoided, leaking flammable liquids are identified and controlled, protection from flash fires is maintained, all vehicle compartments are overhauled, and the fire is extinguished.
- Describe the principles of fire streams as they relate to fighting automobile fires.
- Discuss the precautions to be followed when advancing hose lines toward an automobile.
- Explain the observable results that a fire stream has been properly applied.
- Identify and discuss vehicle alternative fuels and the associated hazards of each fuel.
- Discuss the dangerous conditions created during an automobile fire.
- List the common types of accidents or injuries related to fighting automobile fires and how to avoid them.
- Explain how to access locked passenger doors, trunks, and engine compartments.
- Describe the methods for overhauling an automobile once the fire has been extinguished.
- Accurately identify automobile fuel type.
- Demonstrate the ability to assess and control a fuel leak.
- Demonstrate the ability to open, close and adjust the flow and pattern on nozzles.
- Demonstrate proper application of water for maximum effectiveness while maintaining flash fire protection.
- Advance a 1 ½” (38mm) or larger diameter attack line.
- Perform the steps for exposing hidden fires by opening all automobile compartments.

**Exterior Fire** – Extinguish fires in exterior Class A materials, given fires in stacked or piled and small unattached structures or storage containers that can be fought from the exterior, given attack lines, hand tools, and master stream devices, and an assignment, so that exposures are protected, the spread of fire is stopped, collapse hazards are avoided, water application is effective, the fire is extinguished, and signs of the origin are (s) and arson are preserved.
- Describe the types of attack lines and water streams appropriate for attacking Class A fires associated with stacked and piled materials, and outdoor fires.
- Explain the dangers associated with stacked and plied materials; such as collapse.
- Describe the various extinguishing agents and their effect on different material configurations.
- Identify the tools and methods to use in breaking up various types of materials.
- Explain the difficulties related to complete extinguishment of stacked and piled materials.
- Describe the water application methods for exposure protection and fire extinguishment.
- Explain the dangers such as exposure to toxic or hazardous materials associated with storage building and container fires.

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Describe the obvious signs of origin and cause.
- Describe the techniques used for the preservation of fire cause evidence.
- Recognize inherent hazards related to the material’s configuration.
- Demonstrate the proper operation of hand lines or master streams.
- Perform the task of breaking up material using hand tools and water streams.
- Demonstrate the correct operation of hose lines and other water application devices.
- Evaluate and modify water application for maximum penetration.
- Demonstrate the steps to search for and expose hidden fire.
- Assess burn patterns for origin determination.
- Evaluate the site for complete extinguishment.

- **Search and Rescue** – Conduct a search and rescue in a structure operating as a member of a team, given an assignment, obscured vision conditions, personal protective equipment, a flashlight, forcible entry tools, hose lines, and ladders when necessary, so that ladders are correctly placed when used, all assigned areas are searched, all victims are located and removed, team integrity is maintained, and team members’ safety—including respiratory protection—is not compromised.
  - Explain the use of forcible entry tools during rescue operation.
  - Describe the ladder operations for rescue.
  - Discuss the psychological effects of operating in obscured conditions and ways to manage them.
  - Identify the methods to determine if an area is tenable.
  - Describe primary and secondary search techniques.
  - Describe the team member’s roles and goals.
  - Discuss the methods to use and indicators of finding victims.
  - Describe victim removal methods including various carries.
  - Explain the considerations related to respiratory protection.
  - Perform an exit through a restricted passage while wearing a SCBA.
  - Properly set up and use different types of ladders for various types of rescue operations.
  - Perform the rescue of a firefighter with functioning respirator protection.
  - Perform the rescue of a firefighter whose respirator protection is not functioning.
  - Perform the rescue of a person who has no respiratory protection.
  - Demonstrate the ability to assess areas in order to determine tenability.

- **Interior Attack** – Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control.
  - Discuss the principles of fire streams.
  - Classify and discuss each type, design, operation, nozzle pressure effects and flow capabilities of nozzles.
  - Describe the precautions followed when advancing hose lines to a fire.
  - List observable results that a fire stream has been properly applied.
  - Discuss the dangerous building conditions created by fire.
  - Explain the principles of exposure protection.
- Describe the potential long-term consequences of exposure to products of combustion.
- List the physical states of matter in which fuels are found.
- Describe the common types of accidents or injuries and their causes.
- Describe the application of each size and type of attack line.
- Explain the role of the backup team in a fire attack situation.
- Describe the attack and control techniques for grade level, above and below grade levels, and exposing hidden fires.
- Demonstrate the ability to prevent water hammer when shutting down nozzles.
- Operate various nozzles from closed to open positions and adjust stream patterns along with flow rates.
- Demonstrate water application techniques using direct, indirect, and combination attacks.
- Advance and operate charged and uncharged 1 ½” (38mm) or larger diameter hose lines up ladders and up and down interior and exterior stairways.
- Demonstrate how to extend hose lines.
- Demonstrate how to replace burst hose sections.
- Operate a charged 1 ½” (38mm) or larger diameter hose line while secured to a ground ladder.
- Demonstrate how to couple and uncouple various hand line connections.
- Perform hose carries.
- Perform an attack on a fire at grade level, above, and below grade levels.
- Demonstrate the steps to locate and suppress interior wall and sub-floor fires.

- Horizontal Ventilation – Perform horizontal ventilation on a structure operating as part of a team, given an assignment, personal protective equipment, ventilation tools, equipment, and ladders, so that the ventilation openings are free of obstructions, tools are used as designed, ladders are correctly placed, ventilation devices are correctly placed, and the structure is cleared of smoke.
  - Explain the principles, advantages, limitations, and effects of horizontal, mechanical, and hydraulic ventilation.
  - Discuss safety considerations when ventilating a structure.
  - Discuss fire behavior within a given structure.
  - Describe the products of combustion found in a structure fire.
  - Explain the signs, causes, effect, and prevention of backdrafts.
  - Describe the relationship of oxygen concentration to life safety and fire growth.
  - Demonstrate the ability to transport and operated ventilation tools, equipment, and ladders.
  - Demonstrate the procedures for safely breaking window glass, door glass, and removing obstructions.

- Vertical Ventilation – Perform vertical ventilation on a structure as part of a team, given an assignment, personal protective equipment, ground and roof ladders, and tools, so that ladders are positioned for ventilation, a specified opening is created, all ventilation barriers are removed, structural integrity is not compromised, products of combustion are released from the structure, and the team retreats from the area when ventilation is accomplished.
  - Discuss the methods of heat transfer.
  - Describe the principles of thermal layering within the structure on fire.
  - Discuss the techniques and safety precautions for venting flat roofs, pitched roofs, and basements.
- Explain the basic indicators of potential collapse or roof failure.
- Describe the effects of construction type and elapsed time under fire conditions on structural integrity.
- Discuss the advantages and disadvantages of vertical and trench / strip ventilation.
- Demonstrate the ability to transport and operate ventilation tools and equipment.
- Demonstrate the ability to hoist ventilation tools to a roof.
- Demonstrate the proper technique to cut roofing and flooring materials, to vent flat roofs, pitched roofs, and basements.
- Demonstrate the ability to sound a roof for integrity.
- Demonstrate the ability to clear and opening with hand tools.
- Demonstrate the proper technique to select, carry, deploy, and secure ground ladders for ventilation activities.
- Demonstrate the deployment of a roof ladder on a pitched roof while secured to a ground ladder.
- Carry ventilation-related tools and equipment while ascending and descending ladders.

- **Overhaul** – Overhaul a fire scene, given personal protective equipment, attack line, hand tools, a flashlight, and an assignment, so that structural integrity is not compromised, all hidden fires are discovered, fire cause evidence is preserved, and the fire is extinguished.
  - List the types of fire attack lines and water application devices most effective for overhaul.
  - Describe the water application methods for extinguishment that will limit water damage.
  - List the types of tools and methods used to expose hidden fires.
  - Discuss dangers associated with overhaul.
  - Discuss the obvious signs of area of origin or signs of arson.
  - List the reasons for protection of the fire scene.
  - Demonstrate the ability to deploy and operate and attack line.
  - Demonstrate the steps for removing flooring, ceiling, and wall components to expose void spaces without compromising structural integrity.
  - Perform water application for maximum effectiveness.
  - Demonstrate the steps for exposing and extinguishing hidden fires in walls, ceilings and sub-floor spaces.
  - Demonstrate the steps to preserve evidence and obvious signs of area of origin and arson.
  - Demonstrate how to evaluate for complete extinguishment.

- **Salvage** – Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage.
  - Discuss the purpose of property conservation and its value to the public.
  - Describe the methods used to protect property.
  - List the types of and uses for salvage covers.
  - Discuss the salvage operations at properties protected with automatic sprinklers.
  - Describe how to stop the flow of water from automatic sprinkler heads.
  - Identify the main control valves on an automatic sprinkler system.
  - Discuss forcible entry issues related to salvage.
  - Describe procedures for protecting possible areas of origin and potential evidence.
  - Demonstrate the ability to cluster furniture.
  - Demonstrate steps to deploy covering materials.
o Demonstrate how to roll and fold salvage covers for reuse.
  o Demonstrate methods to construct water chutes and catch-all’s.
  o Demonstrate procedures for removing water.
  o Demonstrate how to cover building openings, including doors, windows, floor openings and roof openings.
  o Perform the steps to separate, remove, and relocate charred material to a safe location while protecting point of origin for cause determination.
  o Demonstrate how to stop the flow of water from a sprinkler head with sprinkler wedges or stoppers.
  o Operate a main control valve on an automatic sprinkler system.
  o Demonstrate how to construct water chutes and catch-all’s.
  o Demonstrate procedures for removing water.
  o Demonstrate how to cover building openings, including doors, windows, floor openings and roof openings.

• **Water Supply** – Connect a fire department pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed.
  o Discuss loading and off-loading procedures for mobile water supply apparatus.
  o Describe proper fire hydrant operation.
  o Discuss suitable static water supply sources.
  o Explain procedures and protocols for connecting to various water sources.
  o Demonstrate the ability to hand lay a supply hose.
  o Demonstrate steps to connect and place hard suction hose for drafting operation.
  o Deploy portable water tanks along with the equipment necessary to transfer water between multiple tanks and draft from them.
  o Complete hydrant-to-pumper hose connections for forward and reverse hose lays.
  o Connect supply hose to a hydrant and fully open and close the hydrant.

• **Extinguishers** – Extinguish incipient Class A, Class B, and Class C fires, given a selection of portable fire extinguishers, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher handling techniques are followed.
  o List the classifications of fire.
  o Discuss the types of rating system for and the risk associated with each class of fire.
  o Describe the operating methods of and limitations of portable extinguishers.
  o Demonstrate the ability to operate portable fire extinguishers.
  o Demonstrate how to safely approach a fire with a portable fire extinguisher.
  o Select an appropriate extinguisher based on the size and type of fire.
  o Demonstrate how to safely carry a portable extinguisher.

• **Light Scene** – Illuminate the emergency scene, given fire service electrical equipment and an assignment, so that designated areas are illuminated and all equipment is operated within the manufacturer’s listed safety precautions.
  o Discuss safety principles and practices of scene illumination.
  o Describe power supply capabilities and limitations.
  o List the methods of light deployment.
  o Safely and correctly operate department power supplies and deploy lighting equipment.
  o Demonstrate steps to deploy cords and connectors, reset ground-fault interrupter devices (GFI), and position lights for best effect.

• **Scene Safety** – Turn off building utilities, given tools and an assignment, so that the assignment is safely completed.
  o List the properties, principles, and safety concerns for electricity, gas, and water systems.
  o Explain the methods for utility disconnect and associated dangers.
- Describe the use of required safety equipment.
- Demonstrate the ability to identify utility control devices.
- Operate control valves or switches.
- Perform an assessment for related hazards.

**Ground Fire** – Combat a ground cover fire operating as a member of a team, given protective clothing, SCBA (if needed), hose lines, extinguishers or hand tools, and an assignment, so that threats to property are reported, threats to personal safety are recognized, retreat is quickly accomplished when warranted, and the assignment is completed.

- List the types of ground cover fires.
- Describe the parts of ground cover fires.
- Explain the methods to contain or suppress ground cover fires.
- Discuss safety principles and practices associated with ground cover fires.
- Determine exposure threats based on fire spread potential and protect exposures.
- Demonstrate the steps necessary to construct a fire line or extinguish with hand tools and maintain integrity of established fire lines.
- Demonstrate the steps utilized to suppress ground cover fires using water.
• **Ropes and Knots** – Tie a knot appropriate for hoisting a tool, given personal protective equipment, tools, ropes, and an assignment, so that the knots used are appropriate for hoisting tools securely and as directed.
  o Discuss knot types and usages
  o Describe the differences between life safety and utility rope.
  o Explain the reasons for placing rope out of service.
  o Discuss how the different types of knots are used for given tools, ropes, or situations.
  o Describe hoisting methods for tools and equipment.
  o Discuss how rope is used to support response activities.
  o Demonstrate hoisting tools and equipment using ropes and the correct knot.

**Rescue Operations**
• **Extricate Victim** – Extricate a victim entrapped in a motor vehicle as part of a team, given stabilization and extrication tools, so that the vehicle is stabilized, the victim is disentangled without further injury, and hazards are managed.
  o Describe the fire department’s role at a vehicle accident
  o Describe the points of strength and weakness in auto body construction.
  o Explain the dangers associated with vehicle components and systems.
  o Describe the uses and limitations of hand and power extrication equipment.
  o Discuss the safety procedures when using various types of extrication equipment.
  o Demonstrate the ability to operate hand and power tools used for forcible entry and rescue as designed.
  o Demonstrate the usage of cribbing and shoring material.
  o Choose and apply the appropriate techniques for moving or removing vehicle roofs, doors, windshields, windows, steering wheels, columns and dashboards.

**Preparedness and Maintenance**
• **Clean and Check Equipment** – Clean and check ladders, ventilation equipment, SCBA, ropes, salvage equipment, and hand tools, given cleaning tools, cleaning supplies, and an assignment, so that equipment is clean and maintained according to manufacturer’s or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise.
  o Explain the proper use of various cleaning solvents.
  o Discuss manufacturers or departmental guidelines for cleaning equipment and tools.
  o Describe proper methods to inspect, clean, and store a rope.
  o Describe proper methods to inspect, clean, and maintain a ladder.
  o Describe proper methods to inspect, clean and maintain salvage covers.
  o Describe proper methods to inspect, clean and maintain PPE.
  o List the types of cleaning methods for various tools and equipment.
  o Describe the importance of inspecting, cleaning, and properly maintaining hand tools and equipment.
  o Describe the importance of inspecting, cleaning, and properly maintaining power tools and equipment.
  o Summarize safety precautions for refilling SCBA.
  o Discuss the importance of SCBA inspection and testing to ensure that it is operational.
  o Demonstrate the steps for inspecting an SCBA.
  o Demonstrate the steps for cleaning and sanitizing an SCBA.
Demonstrate the ability to follow manufacturer or departmental guidelines for cleaning equipment and tools, and complete documentation and reporting procedures.

- **Fire Hose** – Clean, inspect, and return fire hose to service, given washing equipment, water, detergent, tools, and replacement gaskets, so that damage is noted and corrected, the hose is clean, and the hose is clean, and the equipment is placed in a ready state for service.
  - Discuss procedures for noting a defective hose and removing it from service, cleaning methods, and hose rolls and loads.
  - Demonstrate the ability to clean different types of hose.
  - Operate hose washing and drying equipment.
  - Perform hose inspections, mark defective hose, replace coupling gaskets, roll and reload hose.

Ohio Hazardous Materials / Weapons of Mass Destruction Awareness and Operations (WMD)

- **General** - Awareness personnel are those persons who, in the course of their normal duties, could encounter an emergency involving hazardous materials / weapons of mass destruction (WMD) and who are expected to recognize the presence of the hazardous materials / WMD, protect themselves, call for trained personnel, and secure the area.
  - Awareness personnel shall meet the job performance requirements defined in NFPA 1072-Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications, Chapter 4, Sections 4.2 through 4.4.
  - General Knowledge Requirements. Role of awareness personnel at a hazardous materials / WMD incident, location and contents of AHJ emergency response plan and standard operating procedures for awareness personnel.

- **Recognition and Identification** – Recognize and identify the hazardous materials / WMD and hazards involved in a hazardous materials / WMD incident, given a hazardous materials / WMD incident, and approved reference sources, so that the presence of hazardous materials / WMD is recognized and the materials and their hazards are identified.
  - Define what hazardous materials and WMD are.
  - List basic hazards associated with classes and divisions.
  - Describe the indicators to the presence of hazardous materials including container shapes, NFPA 704 markings, globally harmonized system (GHS) markings, placards, labels, pipeline markings, other transportations markings, shipping papers with emergency response information, and other indicators.
  - Explain the steps for accessing information from the Emergency Response Guide (ERG) current edition, using the name of material, UN / NA identification number, placard applied, or container identification charts; and types of hazard information available from the ERG, safety data sheets (SDS), shipping papers with emergency response information, and other approved reference sources.
  - Demonstrate the ability to recognize indicators to the presence of hazardous materials / WMD.
  - Identify hazardous materials / WMD by name, UN / NA identification number, placard applied, or identification charts.
  - Demonstrate ability to use the ERG, SDS, shipping papers with emergency response information, and other approved reference sources to identify hazardous materials / WMD and their potential fire, explosion, and health hazards.

- **Initiate Protective Actions** – Isolate the hazard area and deny entry at a hazardous materials / WMD incident, given a hazardous materials / WMD incident, policies and procedures, and
approved reference sources, so that the hazard area is isolated and secured, personal safety procedures are followed, hazards are avoided or minimized, and additional people are not exposed to further harm.

- Describe steps to use the ERG, SDS, shipping papers with emergency response information, and other approved reference sources to identify precautions to be taken to protect responders and the public.
- Explain policies and procedures for isolating the hazard area and denying entry.
- Describe the purpose of and methods for isolating the hazard area and denying entry.
- Demonstrate the ability to recognize precautions for protecting responders and the public.
- Identify isolation areas, denying entry, and avoiding or minimizing hazards.

- **Notification** – Initiate required notifications at a hazardous materials / WMD incident, given a hazardous materials / WMD incident, policies and procedures, and approved communications equipment, so that the notification process is initiated and the necessary information is communicated.
  - Identify policies and procedures for notification, reporting, and communications.
  - List the types of approved communications equipment.
  - Describe the operation of that equipment.
  - Demonstrate the ability to operate approved communications equipment and to communicate in accordance with policies and procedures.

**Ohio HAZMAT & WMD Operations Level for the First Responder**

- **General** – Operations level responders are those persons who respond to hazardous materials / weapons of mass destruction (WMD) incidents for the purpose of implementing or supporting actions to protect nearby persons, the environment, or property from the effects of the release.
  - Operations level responders shall have additional competencies that are specific to the response mission and expected tasks as determined by the AHJ.
  - General Knowledge Requirements. Role of operations level responders at a hazardous materials / WMD incident; location and contents of AHJ emergency response plan and standard operating procedures for operations level responders, including those response operations for hazardous materials / WMD incidents.

- **Identify Potential Hazards** – Identify the scope of the problem at a hazardous materials / WMD incident, given a hazardous materials / WMD incident, an assignment, policies and procedures, and approved reference sources, so that container types, materials, location of any release, and surrounding conditions are identified, hazard information is collected, the potential behavior of a material and its container is identified, and the potential hazards, harm, and outcomes associated with that behavior are identified.
  - Outline various hazard classes and divisions.
  - Classify types of containers.
- Describe container identification markings, including piping and pipeline markings and contact information.
- Identify types of information to be collected during the hazmat / WMD incident survey.
- Determine availability of shipping papers in transportation and of SDS at facilities.
- Outline types of hazard information available from and how to contact CHEMTREC, CANUTEC, and SETIQ, governmental authorities, and manufacturers, shippers and carriers.
- Describe how to communicate with carrier representatives to reduce impact of a release.
- Summarize basic physical and chemical properties, including boiling point, chemical reactivity, corrosivity (Ph), flammable (explosive) range [LFL (LEL) AND UFL (UEL)], flash point, ignition (auto ignition) temperature, particle size, persistence, physical state (solid, liquid, gas), radiation (ionizing and non-ionizing), specific gravity, toxic products of combustion, vapor density, vapor pressure, and water solubility.
- Explain how to identify the behavior of a material and its container based on the material’s physical and chemical properties and the hazards associated with the identified behavior.
- Recognize examples of potential criminal and terrorist targets.
- Identify indicators of possible criminal or terrorist activity for each of the following: chemical agents; biological agents; radiological agents; illicit laboratories (i.e. clandestine drug laboratories, weapons labs, ricin labs), and explosives.
- Recognize additional hazards associated with terrorist or criminal activities, such as secondary devices.
- Outline how to determine the likely harm and outcomes associated with the identified behavior and the surrounding conditions.
- Identify container types, materials, location of release, and surrounding conditions at a hazmat / WMD incident.
- Demonstrate the ability to collect hazard information.
- Practice communicating with pipeline operators or carrier representatives.
- Anticipate the likely behavior of the hazardous materials or WMD and its container.
- Describe the potential hazards, harm, and outcomes associated with that behavior and the surrounding conditions.

**Identify Actions Options** – Identify the action options for a hazardous material / WMD incident, given a hazardous materials / WMD incident, an assignment, policies and procedures, approved reference sources, and the scope of the problem, so that response objectives, action options, safety precautions, suitability of approved personal protective equipment (PPE) available, and emergency decontamination needs are identified.
- Outline policies and procedures for hazmat / WMD incident operations.
- Identify basic components of an incident action plan (IAP).
- Describe modes of operation (offensive, defensive, and non-intervention).
- Illustrate types of response objectives and types of action options.
- Summarize types of response information available from the ERG, SDS, shipping papers with emergency response information, and other resources.
- Summarize types of information available from and how to contact CHEMTREC, CANUTEC, and SETIQ, governmental authorities, and manufacturers, shippers and carriers (highway, rail, water, air, or pipeline).
• Outline safety procedures.
• Discuss risk analysis concepts.
• Categorize the purpose, advantages, limitations, and uses of approved PPE to determine if PPE is suitable for the incident conditions.
• Differentiate between exposure and contamination.
• Identify contamination types, including sources and hazards of carcinogens at incident scenes.
• List the routes of exposure.
• Define the types of decontamination (emergency, mass, and technical).
• Describe the purpose, advantages, and limitations of emergency decontamination.
• Outline the procedures, tools, and equipment for performing emergency decontamination.
• Identify the response objectives and action options based on the scope of the problem and available resources.
• Determine whether approved PPE is suitable for the incident conditions.
• Evaluate emergency decontamination needs based on the scope of the problem.

• Action Plan Implementation – Perform assigned tasks at a hazardous materials / WMD incident, given a hazardous materials / WMD incident; an assignment with limited potential of contact with hazardous material / WMD, policies and procedures, the scope of the problem, approved tools, equipment, and PPE so that protective actions and scene control are established and maintained, on-scene incident command is described, evidence is preserved, approved PPE is selected and used in the proper manner; exposures and personnel are protected; safety procedures are followed; hazards are avoided or minimized; assignments are completed; and gross decontamination of personnel, tools, equipment, and PPE is conducted in the field.
  • Describe scene control procedures.
  • Summarize procedures for protective actions, including evacuation and sheltering-in-place.
  • Outline procedures for ensuring coordinated communications between responders and to the public.
  • Discuss evidence recognition and preservation procedures.
  • Summarize the incident command organization, its purpose, importance, benefits, and organization of incident command at hazmat / WMD incidents.
  • Outline policies and procedures for implementing incident command and HazMat / WMD incidents.
  • Illustrate the capabilities, limitations, inspection, donning, working in, going through decontamination while wearing, and doffing approved PPE.
  • Discuss the sign and symptoms of thermal stress.
  • Explain the safety precautions when working at hazmat / WMD incidents.
  • Discuss the purpose, advantages, and limitations of gross decontamination.
  • Anticipate the need for gross decontamination in the field based on the task(s) performed and contamination received, including sources and hazards of carcinogens at incident scenes.
  • Describe gross decontamination procedures for personnel, tools, equipment, and PPE.
  • Outline procedures for cleaning, disinfecting, and inspecting tools, equipment, and PPE.
  • Establish and maintain scene control.
  • Recognize and preserve evidence.
• Demonstrate the ability to inspect, don, work in, go through decontamination while wearing, and doff approved PPE.
• Isolate contaminated tools, equipment, and PPE.
• Conduct gross decontamination of contaminated personnel, tools, equipment, and PPE in the field.
• Clean, disinfect, and inspect approved tools, equipment, and PPE.

• **Emergency Decontamination** – Perform emergency decontamination at a hazardous materials / WMD incident, given a hazardous materials / WMD incident that requires emergency decontamination; an assignment; scope of the problem; policies and procedures; and approved tools, equipment, and PPE for emergency decontamination, so that emergency decontamination needs are identified, approved PPE is selected and used, exposures and personnel are protected, safety procedures are followed, hazards are avoided or minimized, emergency decontamination is set up and implemented, and victims and responders are decontaminated.
  • Define contamination, cross contamination, and exposure.
  • Identify contamination types, routes of exposure, types of decontamination (emergency, mass, and technical).
  • Outline the purpose, advantages, and limitations of emergency decontamination.
  • Discuss policies and procedures for performing emergency decontamination.
  • List the approved tools and equipment for emergency decontamination.
  • Summarize hazard avoidance considerations for emergency decontamination.
  • Select an emergency decontamination method.
  • Set up emergency decontamination in a safe area.
  • Utilize PPE in the proper manner.
  • Implement emergency decontamination procedures.
  • Prevent the spread of contamination.
  • Avoid hazards during emergency decontamination.

• **Progress Evaluation and Reporting** – Evaluate and report the progress of the assigned tasks for a hazardous materials / WMD incident, given a hazardous materials / WMD incident, an assignment, policies and procedures, status of assigned tasks, and approved communication tools and equipment, so that the effectiveness of the assigned tasks is evaluated and communicated to the supervisor, who can adjust the IAP as needed.
  • Review the components of progress reports.
  • Outline policies and procedures for evaluating and reporting progress.
  • Discuss the use of approved communication tools and equipment.
  • Identify the signs indicating improving, static, or deteriorating conditions based on the objectives of the action plan.
  • Summarize the circumstances under which it would be prudent to withdraw from a hazmat / WMD incident.
  • Assess incident status.
  • Determine whether the response objectives are being accomplished.
  • Demonstrate proper use of approved communications tools and equipment.
  • Properly communicate the status of assigned tasks.
Courage to be Safe Sixteen Life Safety Initiatives Objectives

- Define and advocate the need for a cultural change within the fire service relating to safety; incorporating leadership, management, supervision, accountability and personal responsibility.
- Discuss the personal and organizational accountability for health and safety throughout the fire service.
- Explain the focus on the integration of risk management with incident management at all levels, including strategic, tactical, and planning responsibilities.
- Describe the importance of empowering all firefighters to stop unsafe practices.
- Explain the significance of developing and implementing national standards for training, qualifications, and certification (including regular recertification) that are equally applicable to all firefighters based on the duties they are expected to perform.
- Discuss the importance of developing and implementing national medical and physical fitness standards that are equally applicable to all firefighters, based on the duties they are expected to perform.
- Explain the impact of a national research agenda and data collection system that relates to the 16 Firefighter Life Safety Initiatives.
- Describe the utilization of available technology wherever it can produce higher levels of health and safety.
- Discuss the significance of thoroughly investigating all firefighter fatalities, injuries, and near misses.
- Explain how grant programs should support the implementation of safe practices and procedures and/or mandate safe practices as an eligibility requirement.
- Explain how national standards for emergency response policies and procedures should be developed and championed.
- Discuss how national protocols for response to violent incidents should be developed and championed.
- Describe why firefighters and their families must have access to counseling and psychological support.
- Discuss how public education must receive more resources and be championed as a critical fire and life safety program.
- Explain why advocacy must be strengthened for the enforcement of codes and the installation of home fire sprinklers.
- Discuss how safety must be a primary consideration in the design of apparatus and equipment.
# State of Ohio Firefighter I Course

**State of Ohio FF 1 course**

**Mondays & Wednesdays 1800 – 2200**  
**Saturdays as scheduled**

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<td><strong>FF1 Week 1</strong></td>
<td></td>
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<tr>
<td><strong>FF1 DAY 1</strong></td>
<td><strong>16 LIFE SAFETY INITIATIVES</strong></td>
<td>4</td>
</tr>
<tr>
<td>(W)</td>
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<tr>
<td></td>
<td><strong>Firefighter Fitness Assessment &amp; Orientation</strong></td>
<td>2</td>
</tr>
<tr>
<td>0900 – 1100</td>
<td>@ C-TEC</td>
<td></td>
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<tr>
<td>(Sat)</td>
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</tbody>
</table>
FF1 Week 2

FF1 DAY 2
1800 – 2200
(M)
FIRE DEPARTMENT ORGANIZATION & SAFETY 3+1 FF Fit
OBJECTIVES: (5.1.1)
(Chapter 3) Fire Department Organization
(17) Firefighter Safety & Health (Slides 1 – 47)
Quiz over (Chapter 3)

FF1 DAY 3
1800 – 2200
(W)
FIRE ALARM & COMMUNICATIONS 4
(5.2.1, 5.2.2 & 5.2.3)
(4) F.D. Communications
LAB: Communications - Radio SKILL: 3-1
LAB: Fireground Communication SKILL: 3-2
LAB: Comms - Business & Emerg. Ph. Calls SKILL: 3-3
Quiz (4)

FF1 DAY 4
0900 – 1630
(Sat)
RESPONSE SAFETY & SCENE CONTROL 3+1 FF Fit
SCENE SAFETY & SECURING BUILDING UTILITIES 4 @ Gym
(5.3.2, 5.3.3, 5.3.17 & 5.3.18)
(17) Firefighter Safety & Health (Slides 48 – 110)
LAB: Responding on Apparatus SKILL: 4-1
LAB: Establishing Command SKILL: 4-2
LAB: Securing Building Utilities SKILL: 19-1
LAB: Emergency Scene Illumination SKILL: 19-2
FF1 Week 3

**FF1 DAY 5**
1800 – 2200 (M)

**FIRE DEPARTMENT ORGANIZATION & SAFETY**

(5.1.2) Don & Doff Personal Protective Clothing
(9) Personal Protective Equipment

**LAB: PPE DRILL & SKILL**
- Donning PPE (1 Min. Drill) **SKILL: 1-2**

**FF1 DAY 6**
1800 – 2200 (W)

**PPE / SCBA**

(5.3.1) Use SCBA during emergency operations

(10) Self-Contained Breathing Apparatus

**LAB: PPE DRILLS & SKILLS**
- Inspecting SCBA **SKILL: 1-1**
- Donning PPE (1 Min. Drill) **SKILL: 1-2**
- Donning SCBA (1 Min. Drill) **SKILL: 1-3**
- PPE Emergencies **SKILL: 1-4**
- Changing an Air Cylinder **SKILL: 1-5**

**Quiz (9 & 10)**

**FF1 DAY 7**
0900 – 1600 (Sat)

**PPE / SCBA**

(5.3.1) Use SCBA during emergency operations @ Gym

**LAB: PPE DRILLS & SKILLS**
- Inspecting SCBA **SKILL: 1-1**
- Donning PPE (1 Min. Drill) **SKILL: 1-2**
- Donning SCBA (1 Min. Drill) **SKILL: 1-3**
- PPE Emergencies **SKILL: 1-4**
- Changing an Air Cylinder **SKILL: 1-5**

**LAB: SCBA Confidence Course**
- Restricted Passage **SKILL: 5-1**
# FF1 Week 4

## FF1 Day 8
1800 – 2200 (M)

| Communication | 2 |
| Rescue | 2 |

**OBJECTIVES: (5.2.4 & 5.3.9)**
(17) Firefighter Safety & Health (Slides 111 – 164)
(19) Search & Rescue

- LAB: Calling A Mayday **SKILL: 10-7**
- Quiz (17)

## FF1 Day 9
1800 – 2200 (W)

| Exit Hazard | 2 |
| Rescue | 2 |

**OBJECTIVES: (5.3.5 & 5.3.9)**
(19) Search & Rescue cont’d

- LAB: Search and Rescue-Primary Search **SKILL: 10-1**
- LAB: Rescue-Victim Carries **SKILL: 10-2**
- LAB: Rescue-Victim Drags **SKILL: 10-3**
- LAB: Rescue-Bring Victim(s) Down Ladder **SKILL: 10-4**
- LAB: Rapid Intervention **SKILL: 10-5**
- LAB: Exiting a Hazardous Area **SKILL: 10-6**
- LAB: Calling A Mayday **SKILL: 10-7**
- LAB: Rapid Escape Procedure **SKILL: 10-8**

w/ FF Fitness Crew from 1900 - 2000 Ergonomics 1

- Quiz (19)

## FF1 Day 10
0800 – 1600 (Sat)

| Exit Hazard | 4 |
| Rescue | 3 |

**OBJECTIVES: (5.3.5 & 5.3.9)**

- LAB: Search and Rescue-Primary Search **SKILL: 10-1**
- LAB: Rescue-Victim Carries **SKILL: 10-2**
- LAB: Rescue-Victim Drags **SKILL: 10-3**
- LAB: Rescue-Bring Victim(s) Down Ladder **SKILL: 10-4**
- LAB: Rapid Intervention **SKILL: 10-5**
- LAB: Exiting a Hazardous Area **SKILL: 10-6**
- LAB: Calling A Mayday **SKILL: 10-7**
- LAB: Rapid Escape Procedure **SKILL: 10-8**
# FF1 Week 5 & 6
## HAZ-MAT / WMD
### AWARENESS & OPERATIONS

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>FF1 DAY 11</td>
<td>1800–2200</td>
<td><strong>HAZ-MAT / WMD - AWARENESS &amp; OPS</strong> 4&lt;br&gt;OBJECTIVES: (4.2.1, 4.3.1, 4.4.1, 5.2.1, 5.3.1, 5.4.1, 5.5.1, 5.6.1)</td>
</tr>
<tr>
<td>(M)</td>
<td></td>
<td>(22) Chemistry of Hazardous Materials&lt;br&gt;(23) Planning the Haz-Mat/WMD Response&lt;br&gt;Quiz (22 &amp; 23)</td>
</tr>
<tr>
<td>FF1 DAY 12</td>
<td>1800–2200</td>
<td><strong>HAZ-MAT / WMD - AWARENESS &amp; OPS</strong> 4&lt;br&gt;OBJECTIVES: (4.2.1, 4.3.1, 4.4.1, 5.2.1, 5.3.1, 5.4.1, 5.5.1, 5.6.1)</td>
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<tr>
<td>(W)</td>
<td></td>
<td>(24) Haz-Mat Storage &amp; Transportation&lt;br&gt;LAB: (N.A.E.R.G.)&lt;br&gt;Quiz (ERG Worksheet in class)</td>
</tr>
<tr>
<td>FF1 DAY 13</td>
<td>0800–1400</td>
<td><strong>HAZ-MAT / WMD - AWARENESS &amp; OPS</strong> 4+ 1 FF Fit&lt;br&gt;OBJECTIVES: (4.2.1, 4.3.1, 4.4.1, 5.2.1, 5.3.1, 5.4.1, 5.5.1, 5.6.1)</td>
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<tr>
<td>(Sat)</td>
<td></td>
<td>(25) Implementing the Haz-Mat/WMD Response&lt;br&gt;Licking County Haz-Mat Response Unit&lt;br&gt;Quiz (24 &amp; 25)</td>
</tr>
<tr>
<td>FF1 DAY 14</td>
<td>1800–2200</td>
<td><strong>HAZ-MAT / WMD - AWARENESS &amp; OPS</strong> 4&lt;br&gt;OBJECTIVES: (4.2.1, 4.3.1, 4.4.1, 5.2.1, 5.3.1, 5.4.1, 5.5.1, 5.6.1)</td>
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<tr>
<td>(M)</td>
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<td>LAB: HAZ-MAT Response Equipment Review&lt;br&gt;LAB: HAZ-MAT / WMD Response Mock Incident</td>
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<tr>
<td>FF1 DAY 15</td>
<td>1800–2200</td>
<td><strong>HAZ-MAT / WMD - AWARENESS &amp; OPS</strong> 4&lt;br&gt;OBJECTIVES: (4.2.1, 4.3.1, 4.4.1, 5.2.1, 5.3.1, 5.4.1, 5.5.1, 5.6.1)</td>
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<tr>
<td>(W)</td>
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<td>LAB: HAZ-MAT / WMD Response Mock Incident&lt;br&gt;LAB: HAZ-MAT / WMD Incident Progress Evaluation</td>
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<tr>
<td>FF1 DAY 16</td>
<td>0800–1400</td>
<td><strong>HAZ-MAT / WMD - AWARENESS &amp; OPS</strong> 4+ 1 FF Fit&lt;br&gt;OBJECTIVES: (4.2.1, 4.3.1, 4.4.1, 5.2.1, 5.3.1, 5.4.1, 5.5.1, 5.6.1)</td>
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<tr>
<td>(Sat)</td>
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<td>LAB: HAZ-MAT / WMD Decontamination Exercise</td>
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<td>FF1 Week 7</td>
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<tr>
<td><strong>FF1 DAY 17</strong></td>
<td>ROPES</td>
<td>4</td>
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<tr>
<td>1800 – 2200</td>
<td>(M)</td>
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<tr>
<td><strong>OBJECTIVES:</strong></td>
<td>(5.3.20, 5.5.1)</td>
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<tr>
<td><strong>(8) Ropes &amp; Knots</strong></td>
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<tr>
<td><strong>LAB:</strong></td>
<td>Knots and Hoisting</td>
<td>SKILL: 2-1</td>
</tr>
<tr>
<td><strong>LAB:</strong></td>
<td>Cleaning and Inspecting Rope</td>
<td>SKILL: 21-2</td>
</tr>
<tr>
<td><strong>Quiz:</strong></td>
<td>(8)</td>
<td></td>
</tr>
<tr>
<td><strong>FF1 DAY 18</strong></td>
<td>ROPES</td>
<td>3+ 1 FF Fit</td>
</tr>
<tr>
<td>1800 – 2200</td>
<td>(W)</td>
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<tr>
<td><strong>OBJECTIVES:</strong></td>
<td>(5.3.20, 5.5.1)</td>
<td></td>
</tr>
<tr>
<td><strong>LAB:</strong></td>
<td>Knots and Hoisting</td>
<td>SKILL: 2-1</td>
</tr>
<tr>
<td><strong>LAB:</strong></td>
<td>Cleaning and Inspecting Rope</td>
<td>SKILL: 21-2</td>
</tr>
<tr>
<td><strong>FF1 DAY 19</strong></td>
<td>FIREFIGHTING TOOLS / FORCIBLE ENTRY</td>
<td>7</td>
</tr>
<tr>
<td>0800 – 1700</td>
<td>(Sat)</td>
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</tr>
<tr>
<td><strong>CLEAN / CHECK EQUIPMENT</strong></td>
<td>1</td>
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<tr>
<td><strong>OBJECTIVES:</strong></td>
<td>(5.3.4  7  5.5.1)</td>
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<tr>
<td><strong>(11) Firefighting Basic Tools</strong></td>
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<tr>
<td><strong>(12) Forcible Entry</strong></td>
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<tr>
<td><strong>LAB:</strong></td>
<td>Forcible Entry (Prop)</td>
<td>SKILL: 6-1</td>
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<tr>
<td><strong>LAB:</strong></td>
<td>Forcible Entry (C-TEC Tour)</td>
<td>SKILL: 6-1</td>
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<tr>
<td><strong>Quiz:</strong></td>
<td>(11 &amp; 12)</td>
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</table>
FF1 Week 8

**FF1 DAY 20**
1800 – 2200
(M)

**MODERN FIRE BEHAVIOR / VENT / FLOW PATH**
2
**FIRE EXTINGUISHERS**
2

**OBJECTIVES: (5.3.10, 5.3.11 & 5.3.16)**
(5) Fire Behavior
(6) Fire Extinguishers

**LAB: Operating Portable Fire Extinguishers**  **SKILL: 18-1**
**Quiz (5 & 6)**

---

**FF1 DAY 21**
1800 – 2200
(W)

**GROUND LADDERS**
4

**OBJECTIVES: (5.3.6 & 5.5.1)**
(13) Ladders

**LAB: Ladder Cleaning & Inspection**  **SKILL: 21-1**
1 FF Extension Ladder Carry & Raise  **SKILL: 7-3**

**Quiz (13)**

---

**FF1 DAY 22**
0800 – 1400
(SAT)

**GROUND LADDERS**
5+ 1 FF Fit

**OBJECTIVES: (5.3.6)**

**LAB: Raises & Carries Practical Skills**
- 2 FF Ladder Carry and Raise  **SKILL: 7-1**
- Raise A Ladder-2 FF Flat Raise  **SKILL: 7-2**
- 1 FF Extension Ladder Carry & Raise  **SKILL: 7-3**
- 1 FF Roof Ladder Deployment  **SKILL: 7-4**
- 2 FF Retract & Lower 24’ Extension  **SKILL: 7-5**
- Ladders- Using A Leg Lock  **SKILL: 7-6**
- Ladders-Operating A Hose Line  **SKILL: 7-7**

w/ FF Fitness Crew from 0800 – 0900  Ergonomics 1
**FF1 Week 9**

**FF1 DAY 23**
1800 – 2200

**VENTILATION & TOOLS**

**OBJECTIVES:** (5.3.11 & 5.3.12)

(14) Ventilation

**Quiz (14)**

**FF1 DAY 24**
1800 – 2200

**OBJECTIVES:** (5.3.11 & 5.3.12 / 5.5.1)

(W)

**LAB:** Power Saw usage on ground

- Vertical Ventilation **SKILL: 15-1**

**FF1 DAY 25**
0800 – 1600

**OBJECTIVES:** (5.3.11 / 5.3.12 / 5.5.1)

(Sat)

**LAB:** Hydraulic Vent. / Negative & PPV Fans

- Horizontal Ventilation **SKILL: 14-1**

**LAB:** Axes & Power Saws on Roof Prop

- Vertical Ventilation **SKILL: 15-1**

---

**FF1 Week 10**

**FF1 DAY 26**
1800 – 2200

**EXTRICATE A VICTIM (AUTO EXTRICATION)**

**OBJECTIVES:** (5.4.1)

(M)

(34) Vehicle Extrication

**LAB:** Extrication Tool Familiarization

**LAB:** Extrication Scene Safety & Vehicle Stabilization

**Quiz (34)**

**FF1 DAY 27**
1800 – 2200

**EXTRICATE A VICTIM (AUTO EXTRICATION)**

**OBJECTIVES:** (5.4.1)

(W)

**LAB:** Victim Extrication from a Motor Vehicle

**FF1 DAY 28**
0800 – 1600

**SALVAGE – 4 & OVERHAUL – 2**

**OBJECTIVES:** (5.3.13 & 5.3.14)

(Sat)

(21) Salvage & Overhaul

**LAB:** Salvage and Overhaul Skills

- Two Firefighter Salvage Folds **SKILL: 16-1**
- One FF Cover Roll & Spread **SKILL: 16-2**
- Protecting Evidence **SKILL: 31-1**
- Two FF Salvage Deployment **SKILL: 32-1**
- Water Chutes and Catchalls **SKILL: 32-2**
- Overhaul Operations **SKILL: 34-1**

**Quiz (21)**
## FF1 Week 11

### FF1 DAY 29
1800 – 2200

**WATER SUPPLIES – 7 & FIRE HOSE – 1**

**OBJECTIVES:** (5.3.15 & 5.5.2)

(15) Water Supply & Hose

**LAB:** Cleaning and Inspecting Fire Hose  **SKILL:** 22-1

**LAB:** Hose Rolls & Skills

- Hose Section Drain and Carry  **SKILL:** 30-2
- Couple and Uncouple Hose  **SKILL:** 30-3
- Extending/Replacing Hose Sections  **SKILL:** 33-1
- Rolling Hose  **SKILL:** 33-1

**Quiz (15)**

### FF1 DAY 30
1800 – 2200

**FIRE HOSE, APPLIANCES & STREAMS**

**OBJECTIVES:** (5.3.15)

**LAB:** Hose Loads

- Accordion Hose Load (Reverse Lay)  **SKILL:** 33-2
- Flat Hose Load (Forward Lay)  **SKILL:** 33-3
- Pre-Connected Flat Hose Load  **SKILL:** 33-4
- Minuteman Hose Load  **SKILL:** 33-5
- Triple Layer Hose Load  **SKILL:** 33-6

**LAB:** Water Supply

- Supply Lay Connections  **SKILL:** 17-1
- Hydrant Supply Lay Connections  **SKILL:** 17-2
- Water Supply-Drafting  **SKILL:** 17-3

### FF1 DAY 31
0800 – 1400

**FIRE CONTROL**

**OBJECTIVES:** (5.3.7, 5.3.8, 5.3.10 & 5.3.19)

(16) Fire Streams
(18) Vehicle Fires
(20) Basic Fire Attack

**Quiz (16, 18 & 20)**
**FF1 Week 12**

**FF1 DAY 32**

**FIRE CONTROL 4**

**1800 – 2200**

(M)

OBJECTIVES: (5.3.7, 5.3.8, 5.3.10 & 5.3.19)

LAB: Hose Movement in building (COLD Scenarios)

- Advancing Uncharged Line From Ladder **SKILL: 11-1**
- Advancing A Charged Line Into Structure **SKILL: 12-1**

**FF1 DAY 33**

**FIRE CONTROL (LIVE FIRE TRAINING) 4**

**1800 – 2200**

(W)

OBJECTIVES: (5.3.7, 5.3.8, 5.3.10 & 5.3.19)

LAB: Ground Cover Fires **SKILL: 20-1**
LAB: Exterior Class A Fires **SKILL: 9-1**
LAB: Hose Movement in building (COLD Scenarios)

**FF1 DAY 34**

**FIRE CONTROL 1**

**0800 – 1500**

(Sat)

LIVE FIRE TRAINING **4 CLASS + 1 TESTING (if needed)**

OBJECTIVES: (5.3.7)

LAB: (Campfire) Interior Structure Fire
LAB: (Warm IDLH NO FIRE) Advancing A Charged Line Into Structure **SKILL: 12-1**
LAB: Passenger Vehicle Fire **SKILL: 8-1** **Flip the Switch** (Random) **1 TESTING (if needed)**

1500 – 1600

**Passenger Vehicle Fire SKILL: 8-1 Flip the Switch (Random) 1 TESTING (if needed)**

**FF1 DAY 35**

**LIVE FIRE TRAINING 7 CLASS + 1 TESTING**

**0800 – 1530**

(SUNDAY)

OBJECTIVES: (5.3.10)

LAB: Grade Level Fires
LAB: Above Grade Fires
LAB: Below Grade Fires
LAB: Interior Structure Fire Attack **SKILL:13-1 Flip the Switch**

**SKILL: 13-1 Interior Structure Fire Attack Flip the Switch**
# FF1 Week 13

## FF1 DAY 36

**1800 – 2200 (M)**

<table>
<thead>
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<th>Activity</th>
<th>Skill</th>
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<tbody>
<tr>
<td><strong>FINAL EXAM (100)</strong></td>
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<tr>
<td><strong>Firefighter Fitness Assessment</strong></td>
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<tr>
<td><strong>RESCUE</strong></td>
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</tr>
<tr>
<td><strong>LAB: Search and Rescue-Primary Search</strong></td>
<td>10-1</td>
</tr>
<tr>
<td><strong>Search &amp; Rescue-Primary Search</strong></td>
<td>10-2</td>
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<tr>
<td><strong>Flip the Switch</strong></td>
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## FF1 DAY 37

**1800 – 2200 (W)**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Skill</th>
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<tbody>
<tr>
<td><strong>PRACTICAL EVOLUTIONS PRACTICE</strong></td>
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<tr>
<td><strong>PPE / SCBA (5.3.1)</strong></td>
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<tr>
<td><strong>Inspecting SCBA</strong></td>
<td>1-1</td>
</tr>
<tr>
<td><strong>Donning PPE (1 Min. Drill)</strong></td>
<td>1-2</td>
</tr>
<tr>
<td><strong>Donning SCBA (1 Min. Drill)</strong></td>
<td>1-3</td>
</tr>
<tr>
<td><strong>PPE Emergencies</strong></td>
<td>1-4</td>
</tr>
<tr>
<td><strong>GROUND LADDERS (5.3.6)</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>1 FF Extension Ladder Carry &amp; Raise</strong></td>
<td>7-3</td>
</tr>
<tr>
<td><strong>Practical Evolutions Practice (RANDOM SKILLS)</strong></td>
<td>2</td>
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</table>

## FF1 TESTING

**0800 – 1500 (Sat)**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Skill</th>
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<tbody>
<tr>
<td><strong>PRACTICAL EVOLUTIONS TESTING</strong></td>
<td>6</td>
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<tr>
<td><strong>MANDATORY SKILLS:</strong></td>
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<tr>
<td><strong>1-1</strong></td>
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<td><strong>1-2</strong></td>
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<td><strong>1-4</strong></td>
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<td><strong>7-3</strong></td>
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<tr>
<td><strong>+ 3 RANDOM SKILLS</strong></td>
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## State of Ohio FF1 Written Test

**0800 – 2100 (W)**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Skill</th>
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<tbody>
<tr>
<td><strong>ODPS Written State Test for Firefighter 1</strong></td>
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