

LCFCA FFII
Spring 2022 Schedule

ODPS Course #: _____

Topic	NFPA 1001	Reading	Job Performance Requirements	PPE/SCBA	Hr	Date	Instructor
Orientation and History of the Fire Service	4.11 4.12	Chapter 1, pgs 9-23	Summarize history of the fire service, organizational characteristics, primary knowledge and skills the fire fighter must have to function effectively; Describe the role of the Firefighter II within the organization; Distinguish among the primary roles of the fire service personnel.	N/A	1		
Firefighter Health and Safety	4.1.1 4.3.2 4.3.3	Chapter 1, pgs 24-47	Summarize types of job-related firefighter fatalities, injuries, and illness; Describe the National Fire Protections Association standards related to firefighter safety and health; Summarize safe vehicle operations; Describe ways to help prevent accidents and injuries in fire stations and facilities; Describe ways to maintain safety in training; Summarize general guidelines for scene management including highway accidents, crowd control, and cordoning off emergency scenes; Explain the importance of personnel accountability.	N/A	2	2/1/2022 1800-2100	
Incident Command System Scene Operations	5.1.1 5.1.2 5.2.1 5.2.2	Chapter 19 pgs 899-926 Chaper 27 pgs 1385-1405	Describe the characteristics of the Incident Command System; Explain the organization of the Incident Command System; Describe how to function in the Incident Command System. Practical: Organize and coordinate an Incident Command System until command is transferred; Assume command; Transfer command within an Incident Command System; Terminate command. 1 hour Lecture, 2 hour Practical	N/A	3	2/2/2022 1800-2100	
Fire Service Communication	4.2.1 4.2.2 4.2.3 4.2.4 5.2.1 5.2.2	Chapter 2 57-71	Discuss the aspects that make up on-scene communications; Define emergency traffic; Explain the information gathered by, and the importance of, post incident reports; Describe how to collect the necessary information for a thorough incident report; Explain the consequences of an incomplete or inaccurate incident report; Describe how to use the National Fire Incident Reporting System Data Entry Tool. Practical: Create an Incident Report 2Hr Lecture 2Hr Practical	N/A	4	2/8/2022 1800-2200	

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Building Construction	4.3.4 4.3.10 4.3.12 5.3.2	Chapter 3 77-111 Chapter 16 783-801	Explain the hazards related to building construction; Recognize the factors that influence structural collapse.	N/A	2	2/10/2022 1800-2000	
Fire Behavior	4.3.10 4.3.11 4.3.12	Chapter 4 117-175	Summarize science of fire as it relates to energy, forms of ignition, and models of combustion; Describe the impact of thermal energy on heat temperature, and heat transfer; Explain the factors that affect fire development; Describe the methods through which firefighter operations can influence fire behavior.	N/A	2	2/15/2022 1800-2000	
Personal Protective Equipment and Self Contained Breathing Apparatus PPE/SCBA	4.1.2 4.3.1 4.5.1 5.1.1	Chapter 5 183-228	Summarize purpose of personal protective equipment, guidelines for care of personal protective clothing; Explain safety considerations for PPE; Describe general donning and doffing considerations for protective breathing apparatus; Summarize general considerations for protective breathing apparatus inspections and care; Describe nonemergency and emergency exit indicators. Practical: Demonstrate the method for donning and doffing structural personal protective clothing for use at an emergency; Demonstrate the over the head, coat, and seated methods for for donning a SCBA; Demonstrate the steps for inspecting a SCBA; Demonstrate the steps for cleaning and sanitizing a SCBA. 2Hr Lecture 2Hr Practical	Both	4	2/17/2022 1800-2200	

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Portable Fire Extinguisher	4.3.16	Chapter 6 254-269	<p>Explain portable fire extinguisher classifications; Describe types of portable fire extinguishers; Define the ratings in a portable fire extinguisher rating system; Explain the considerations taken when selecting and using portable fire extinguishers; Identify procedures used for inspection, care, and maintenance of portable fire extinguishers.</p>	N/A	2	2/22/2022 1800-2000	
Ropes and Knots	4.3.20 4.5.1	Chapter 7 277-296	<p>Compare and contrast the characteristics of life safety rope and utility rope; Summarize basic guidelines for rope maintenance; Explain reasons for placing rope out of service; Describe webbing and webbing construction; Describe parts of a rope and considerations in tying a knot; Describe knot characteristics and knot elements; Describe characteristics of knots commonly used in the fire service; Select commonly used rope hardware for specific applications; Summarize hoisting safety considerations.</p>	N/A	1		
Search and Rescue Firefighter Survival (LECTURE)	4.2.4 4.3.1	Chapter 9 450-475	<p>Summarize the impact of building construction and floor plans on structural search techniques; Explain size-up and situational awareness considerations during structural searches; Summarize safety guidelines for structural search and rescue; Differentiate between primary and secondary search and rescue techniques; Recognize basic search methods.</p> <p>Practical: Demonstrate the procedures for conducting a primary and secondary search; Demonstrate an incline drag, webbing drag, cradle-in-arms lift/carry, and extremity lift/carry. 1Hr Lecture 3Hr Practical</p>	N/A	4	2/24/2022 1800-2000	

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Search and Rescue Firefighter Survival (PRACTICAL)	4.3.5 4.3.9	Chapter 9 433-475	<p>Explain firefighter survival methods; Explain what survival actions firefighters can take when needed; Describe the action of Rapid Intervention Team when locating a down firefighter.</p> <p>Practical: Demonstrate the actions required for transmitting a MAYDAY report; Demonstrate the proper procedures for a SCBA air emergency; Demonstrate the actions required for withdrawing from a hostile environment with a hoseline; Demonstrate low profile maneuvers without removing SCBA; Demonstrate the method for breaching an interior wall; Demonstrate the steps for disentangling from debris or wires. 1hr Lecture 3Hr Practical.</p>	Both	6	2/27/2022 0900-1500	
Scene Lighting and Portable Power	4.3.17 5.5.4	Chapter 1 41-42 Chapter 21 959-961	<p>Identify types of emergency scene lighting equipment; Describe the safety precautions to take when working with lighting equipment; Describe how to operate lighting equipment; Describe equipment maintained procedures. Practical: Deploy lighting equipment; Clean, inspect, and maintain power tools and equipment; Inspect and maintain a portable generator and lighting equipment. 1Hr Lecture, 1Hr Practical</p>	Both	2	3/1/2022 1800-2000	
Forcible Entry	4.3.4 4.5.1	Chapter 9 371-411	<p>Explain the basic principles of forcible entry; Describe the basic construction of locksets; List and describe the tools used for forcible entry; Describe considerations a firefighter must take when using a forcible entry tool; Indicate steps needed to care for and maintain forcible entry tools; Explain considerations firefighter must take when forcing entry through various types of windows and covers; Describe forcible entry methods for breaching walls and floors; Indicate methods for forcing fences and gates.</p>	N/A	1		

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Ladders	4.3.6 4.5.1 4.3.12	Chapter 8 315-343	Describe different construction types of ground ladders; Identify the parts of a ladder including markings and labels; Recognize the types of ladders used in the fire service; Explain the considerations addressed by ladder inspection, cleaning, and maintenance; Describe safety guidelines used when handling ladders; Explain considerations taken when selecting, lifting, and lowering a ladder; Identify basic considerations and requirements for ground ladder placement.	N/A	1		
Ventilation	4.3.11 4.3.12 4.5.1	Chapter 11 493-526	Describe reasons for ventilation; Identify considerations that affect the decision to ventilate; Explain the critical fire behavior indicators present during ventilation; Define horizontal and vertical ventilation; Explain the means of achieving horizontal and vertical ventilation; Describe the types of horizontal and vertical ventilation; Explain the effects of building systems on ventilation; List the tactical priorities in structural firefighting operations and how the tactical priorities affect ventilation; Describe ventilation using mechanical positive and negative pressure as well as hydraulic ventilation.	N/A	1	3/3/2022 1800-2100	
Water Supply	4.3.15	Chapter 13 587-607	Explain the ways water supply systems components are used by firefighters; Describe types of fire hydrants and hydrant markings; Explain fire hydrant operation and inspection considerations; Explain alternative water supply sources and methods of access; Describe methods used for rural water supply operations.	N/A	1		

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Fire Hose and Streams	5.3.1 5.3.2 5.5.5	Chapter 12 541-566 Chapter 13 607-628 Chapter 21 962-964	Compare various uses for hose appliance and tools; Recognize different methods for handling hose lines; Describe the various methods of advancing a hose line; Describe the impact water hammer has on fire streams and prevention of water hammer; Explain fire stream patterns and their possible limiting factors; Describe the three types of fire stream nozzles; Compare the different types of nozzle control valves; Describe the factors in operating and maintaining handline nozzles; Explain the process of service testing of fire hose. 2Hr Lecture	N/A	2	3/8/2022 1800-2000	
Fire Hose and Streams	5.3.1 5.3.2 5.5.5	PRACTICAL	CONNECT TO A FIRE DEPARTMENT CONNECTION: Connect supply hose to a fire department connection. SUPPLY A MASTER STREAM DEVICE: Deploy and operate a portable master stream device.	PPE	2	3/10/2022	
Fire Hose and Streams	5.3.1 5.3.2 5.5.5	PRACTICAL	<p style="text-align: center;">Practical: 5Hrs HOSE</p> <p>BASICS: Couple and uncouple hose; Make a straight hose roll and doughnut hose roll; Advance a hose load; Extend a hose line; Operate a fog-stream, broken-stream, and solid stream nozzle; Replace a burst section of hose.</p> <p>HOSE LOADS: Make a flat, accordion, horseshoe, rep-connected, triple-layer, and minuteman hose load. HOSE LAYS:</p> <p>Make a forward and reverse hose lay; Deploy a wye-equipped hose during a reverse lay. HOSELINE ADVANCE INTO A</p> <p>STRUCTURE: Advance a charged line into a structure (1) using the line drag, (2) up and down an interior stairway, (3) up a ladder into a window.</p> <p>ADVANCE A HOSELINE FROM A STANDPIPE: Connect to a a standpipe and advance an attack line onto a floor. OPERATE A</p> <p>CHARGED HOSELINE: (1) Operate a charged hose line from a ladder, (2) a one-firefighter attack line, (3) a one-firefighter large hose line (exposure protection), (4) two-firefighter operation of a large attack line.</p> <p>HOSE TESTING: Service test fire hose.</p>	PPE/SCBA	5	3/13/2022 0900-1400	

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Fire Suppression Vehicle Fires	4.3.7	Chapter 14 694-704	<p>Describe the types of motor vehicles; Describe the characteristics of vehicle fires; Describe the tactics used to suppress vehicle fires; Describe how to overhaul a vehicle fire.</p> <p>1Hr Lecture <u>PRACTICAL TEST</u></p> <p>OUT: 3hrs Use time for testing students on practical skills. Other students use time for review.</p>	PPE/SCBA	4	3/15/2022 1800-2100	
Advanced Fire Suppression Coordinate an Interior Fire Attack	5.3.2	Chapter 14 669-717	<p>Lecture: Describe initial factors to consider when suppressing structure fires; Summarize considerations taken when making entry; Describe direct attack, indirect attack, combination attack, and gas cooling techniques; Describe safety considerations that must be identified for upper level structure fires; Explain actions taken when attacking below grade structure fires; Describe situations that may require suppression of class C fires; Identify hazards associated with suppressing Class C fires; Describe actions associated with suppressing Class D fires; Compare methods used to suppress fires in stacked and piled materials, small unattached structures, and trash containers. Describe steps taken when supporting fire protection systems at protected structures; Describe the characteristics of the various master stream devices; Explain considerations taken when deploying, supplying, and staffing master streams.</p> <p style="text-align: center;">2Hr Lecture</p>	LECTURE	2	3/17/2022 1800-2000	

Advanced Fire Suppression Coordinate an Interior Fire Attack		5.3.2	Chapter 14 669-717	<p>6Hr Practical: Attack a structure fire using direct, indirect, or combination attack; Attack an interior structure fire from above, below, and at grade level.</p> <p>Lecture: Describe considerations taken when coordinating fireground operations; Explain fireground roles and responsibilities a Firefighter II may need to coordinate; Discuss the process of establishing and transferring command; Describe hazards that may be present at fires in under-ground spaces.</p> <p>Practical: Establish Incident Command and coordinate interior attack of a structure.</p>	LIVE FIRE PRACTICAL PPE/SCBA Spare Cylinders	6	3/20/2022 0900-1600	
Advanced Fire Suppression Foam Operations	5.3.1 5.3.2	Chapter 12 541-566 Chapter 13 607-628 Chapter 21 962-964	Describe the methods by which firefighting foam prevents or controls a hazard; Identify foam concentrates; Explain the factors that impact foam expansion and selection; Describe methods by which foam can be proportioned; Explain the advantages and disadvantages of various foam proportioners, delivery devices, and generating systems; Identify cause of poor foam production; Distinguish among various foam application techniques; Identify foam hazards and ways to control them. Practical: Place a foam line in service. 2Hr Lecture 2Hr Practical	Both	4	3/22/2022 1800-2000		
Advanced Fire Suppression-Flammable Liquid Fire Attack (LECTURE)	5.3.1 5.3.3	Chapter 17 823-868 Chapter 18 871-889	List safety precautions that should be taken at flammable/combustible liquid fire incidents; Recognize methods used when coordinating operations at a property protected by a fire suppression system; Explain ways to use water to control Class B Fires; Compare methods used to suppress bulk transport vehicle fires and flammable gas incidents. 3Hr Lecture	N/A	3	3/24/2022 1800-2100		

Advanced Fire Suppression-Flammable Liquid Fire Attack (PRACTICAL)	5.3.1 5.3.3		Practical: Control a pressurized flammable container fire; Place a foam line in service using an in-line educator; Extinguish an ignitable liquid fire. 7Hr Practical 3.5hr Gas Cylinder Fire 3.5Hr Flammable Liquid Fire		7	3/27/2022 0900-1500	
Vehicle rescue and Extrication	5.4.1	Chapter 17 823-868 and 807-834	Describe the types of rescue tools and equipment; explain the use and limitations of each type of rescue tool; Identify the role of a fire department during vehicle extrication; Describe safety considerations that must be identified and mitigated during vehicle extrication; Explain the use of cribbing material during vehicle extrication; Describe the methods used for gaining access to victims during vehicle extrication. Practical: Prevent horizontal movement of a vehicle using wheel chocks; Stabilize a vehicle using cribbing, lifting jacks, ropes/webbing, and a vehicle on its side using a buttress tension system; remove a windshield, tempered glass, roof, and doors. 2Hr Lecture 4Hr Practical	LECTURE	3	3/29/2022 1800-2000	
Technical Rescue Support	5.4.2	Chapter 17 807-834	Explain the role of the FFII will play in technical rescue operations; Describe the various types of technical rescue operations; Describe how to safely approach various types of technical rescue operations. Practical: Establish a technical rescue incident barrier; Identify retrieve rescue tools. 0.5Hr Lecture 0.5Hr Practical				

Fire Origin and Cause Determination	5.3.4	Chapter 15 756-763 Chapter 20 933-953	<p>Explain the reasoning for conducting a fire investigation; Describe the role of the firefighter, criminal investigators and insurance investigators; Explain the importance of protecting a fire scene to aid in origin and cause determination; Describe the steps needed to secure a property; Describe how the point of origin is determined; Describe how fire cause is determined; List the types of evidence that may be found at a fire scene; Explain the chain of custody; Describe techniques for preserving fire scene evidence; Describe the evidential items and conditions that may be observed during fire-ground operations; Describe the crime of arson.</p> <p>Practical: Protect Evidence of a fire cause and origin. 1.5Hr Lecture 0.5Hr Practical</p>	Both	2	3/31/2022	
Vehicle rescue and Extrication	5.4.1	Chapter 17 823-868 and 807-834	<p>Practical: Prevent horizontal movement of a vehicle using wheel chocks; Stabilize a vehicle using cribbing, lifting jacks, ropes/webbing, and a vehicle on its side using a buttress tension system; remove a windshield, tempered glass, roof, and doors.</p> <p>4Hr Practical</p>	PPE/SCBA	4	4/3/2022 0900-1300	

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Fire Protection Systems	5.5.3	Chapter 22 995-1010	Describe fire alarm systems; Identify alarm initiating devices; Explain the ways automatic sprinkler systems work; Describe standpipe and hose systems; Explain the ways smoke management systems work.	N/A	3	4/5/2022 1800-2100	
Fire and Life Safety Programs	5.5.1 5.5.2 5.5.3	Chapter 22 975-1012	Describe the role of FFII in planning for and conducting private dwelling fire safety surveys; Explain the components that must be considered when developing fire and life safety presentations; Recognize considerations that must be addressed when giving presentations to young children and fire station tours; Describe the role of a firefighter II in planning for and conducting pre-incident planning surveys; Describe how a PR incident survey is performed; List the information that is gathered during PR incident survey; List the typical target hazards that may be found in a community. 2Hr Lecture		2	4/7/2022	
Fire and Life Safety Programs	5.5.1 5.5.2 5.5.3	Chapter 22 975-1012	6Hr Practical: Conduct a fire safety survey in an occupied structure make a fire and life safety presentation; Conduct a fire station tour; Prepare a pre-incident Planning survey.	N/A	6	4/10/2022 0900-1600	
EVOG		Handout	Emergency Vehicle Operator Course (lecture: 4 Hrs)	N/A	4	4/12/2022 1800-2200	
EVOG		Handout	Emergency Vehicle Operator Course (lecture: 4 Hrs)	N/A	4	4/14/2022 1800-2200	

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EVOC		Practical	Emergency Vehicle Operator Course (Practical: 8 Hrs)	N/A	8	SATURDAY 4/16/2022 0900-1600	
			TOTAL HOURS		96		