

Date	Min	Reading	Job Performance Requirements	Instructor
The Fire Service				
Sat 9/9/23 0900- 10:10	70	Chapter 1, pgs 11-37 pgs 899-905 1385-1393	1. Describe the culture and mission of the fire service.	
			2. Describe the roles and responsibilities of a firefighter.	
			3. Describe the roles within the fire department.	
			4. Outline the organization of the fire department.	
			5. Discuss the roles of other agencies as they relate to the fire department.	
			6. Explain a fire department's standard operating procedures, rules, and regulations as they apply to firefighters.	
			7. Describe the organization of the fire service.	
			8. Describe the history of the fire service.	
			9. List the main types of job-related firefighter fatalities, injuries, and illnesses.	
			10. Discuss the fire service safety standards, regulations and initiatives developed to improve firefighter safety and health.	
			11. Describe the safety practices to observe on the training ground.	
			12. Outline the safety considerations for working in and around the fire station.	
			13. Describe the characteristics of the incident command system.	
			14. Describe how to function within an assigned role in the incident command system.	
Communications				
Sat 9/9/23 10:20-10:50	20	57-71	1. Explain the steps in processing an emergency incident.	
			2. Describe the procedures for handling non-emergency calls.	
			3. Describe the procedures for handling emergency calls.	
			4. Describe the principles of effective radio communications.	
			5. Describe when to use plain language and the use of ten-codes can complicate radio communications.	
			6. Discuss the purpose of size-up and progress reports.	
			7. Recognize routine radio traffic, emergency traffic, and emergency evacuation signals.	
	10	73	Psychomotor: (Skill Sheet 3-1) Send and receive messages over the fire department radio.	
Fire Behavior				
Sat 9/9/23 12:00-12:50	50	117-127	1. Describe the chemistry of fire, including the elements of fire and the products of combustion.	
		131-134	2. Explain how fires spread by conduction, convection, and radiation.	
		161-162	3. Define flow path; describe how it influences the growth of a building fire. https://www.youtube.com/watch?v=lbqWF\lf-NK0 , https://www.youtube.com/watch?v=X80yseC2fmQ	
		165	4. Discuss the methods of extinguishment.	
		254-258	5. Explain the four classes of fire.	
			6. Explain the function of fuel within the combustion process.	
			7. Explain the various stages of the burning process.	
		135-160	8. Explain the signs, causes, effect, and prevention of flashover.	
			9. Explain the signs, causes, effect, and prevention of backdrafts.	

Building Construction

Sat 9/9/23 13:00-13:40	40	77-111 165-176	<ol style="list-style-type: none"> 1. Describe the characteristics of materials used in the construction of buildings. 2. Explain the five classifications of construction types. 3. Describe the hazards related to building construction. 4. Discuss the hazards associated with buildings under construction or demolition. 5. Describe the factors that increase the chance of building collapse. 6. Describe the construction and operation of different types of doors and windows. 	
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Personal Protective Equipment

Sat 9/9/23 13:40-14:30	50	183-201	1. Explain the conditions that require personal protective equipment.	
			2. Identify each component of the personal protective equipment.	
			3. Discuss the uses and limitation of personal protective equipment.	
			4. Describe the steps for donning of personal protective equipment.	
			5. Describe the steps for doffing of personal protective equipment.	
Sat 9/9/23 14:30-16:00	90		Psychomotor: (Skill Sheet 1-2)	
		232	1. Don a full ensemble of personal protective clothing and prepare for use within one minute.	
		239-240	2. Doff the full ensemble of personal protective clothing and prepare for reuse.	

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SCBA				
Sun Sept 10 09:00-12:00	60	201-228	1. Describe the steps for donning PPE, including SCBA	
			1. Describe the steps for doffing personal protective equipment, including SCBA.	
			2. Explain the conditions that require respiratory protection.	
			3. Explain the relationship between oxygen content and life safety.	
			4. Discuss the uses and limitation of SCBA.	
			5. Identify each component of the SCBA.	
			6. Identify various alarms (i.e., low air, no motion, etc.).	
			7. Discuss breathing techniques while wearing the SCBA.	
			8. Summarize the indications for and emergency procedures used with SCBA.	
			9. Recognize the physical requirements of the SCBA wearer.	
			10. Describe the circumstances under which a breathing cylinder must be replaced and the methods used when changing a cylinder.	
			11. Describe nonemergency exit indicators and techniques.	
	12. Describe SCBA inspection and maintenance procedures.			
SCBA Practical				
120	232-236	1. Don a full ensemble of PPE and SCBA		
	239-240	2. Doff a full ensemble of PPE, prepare for reuse		
	248-249	3. Demonstrate the ability to control breathing		
4. Replace a depleted air cylinder with a full air cylinder				
Ropes & Knots				
Sun Sept 10 13:00-13:30	30	277-296	1. Describe the types of rope and the distinct functions of each type.	
			2. Describe the materials from which rope is made.	
			3. Describe the types of rope construction.	
			4. Describe the components of a rope maintenance program.	
			5. Explain the reasons for placing rope out of service.	
			6. Identify the parts of a rope and the considerations when tying a knot.	
			7. Discuss types and usages of fire service knots, hitches, and bends.	
			8. Describe hoisting methods for tools and equipment.	
Ropes & Knots Practicals				
Sun Sept 10 13:30-15:00	90	300-301	1 Demonstrate tying the following knots: safety, clove hitch, bowline	
		306-311	2. Demonstrate hoisting tools and equipment using ropes and the correct knot	
Search and Rescue				
Sun Sept 10 15:00- 15:40	40	433-439 450-475	1. Discuss essential size-up and situational awareness activities necessary for firefighter safety.	
			2. Describe the search safety guidelines in a structure fire.	
			3. Explain the two types of searches.	
			4. Describe the various search methods and marking systems.	
			5. Describe various victim removal methods including various drags and carries.	
			6. Explain the methods used to assist a victim down a ladder.	

Scene Safety

Sun Sept 10 15:40-16:20	20	39-46 687-693	1. Describe general guidelines for operating safely at various types of emergency scenes.	
			2. Explain the importance of personnel accountability systems.	
			3. List the properties, principles, and safety concerns for electricity, gas, and water systems.	
			4. Explain the methods for utility disconnect and associated dangers.	
			5. Describe the use of required safety equipment.	
	20		Psychomotor: (Skill Sheet 19-1)	
		1. Demonstrate utility control.		

Ground Ladders

Sat 9/16 09:00-10:00	60	315-319, 324-341	<ol style="list-style-type: none"> 1. Identify ladder parts and construction materials. 2. List the types of ground ladders. 3. Describe the hazards and safety considerations for using ground ladders. 4. Discuss the proper placement of ground ladders. 5. Describe the process for lifting and moving ladders. 6. Discuss the procedures to be followed when working from a ladder: 7. Describe the criteria for selecting the appropriate ladder and safe location for placement. 8. Describe how to remove ladders from apparatus. 9. Describe how to lift ladders. 10. Describe the various ladder carries. 11. Determine appropriate ladder placement for common fire-ground tasks. 12. Describe the various ladder raises. 13. Describe the approaches to securing a ladder. 14. Describe ladder climbing considerations. 15. Describe considerations when dismounting a ladder. 16. Describe how to descend a ladder. 	
		Practical: Ladders		
Sat 9/16 10:00-13:00	180	347-366	Demonstrate the ability to remove a ladder from fire apparatus, carry a ladder, place a ladder, raise a ladder, extend a ladder, lock the flies, ensure stability, climb and dismount a ladder, descend a ladder, and lower a ladder.	

Horizontal Ventilation				
Sat 9/16 14:00-14:50	50	493-521	<ol style="list-style-type: none"> 1. Describe the reasons for ventilation, the considerations that affect the decision to ventilate, and the effects on fire behavior. 2. Define horizontal ventilation. 3. Explain the two types of horizontal ventilation. 4. Define vertical ventilation. 5. Discuss safety considerations when ventilating a structure. 6. Describe the basic indicators of potential roof collapse. 7. Describe vertical ventilation techniques. 	
			Psychomotor: (Skill Sheet 14-1)	
Sat 9/16 14:50-16:20	90	529	<ol style="list-style-type: none"> 1. Demonstrate the ability to transport and operate ventilation tools, equipment, and ladders. 2. Demonstrate the procedures for safely breaking window glass, door glass, and removing obstructions. 3. Perform negative pressure horizontal ventilation for a simulated fire (use of smoke machine or paper streamers is acceptable). 4. Perform positive pressure horizontal ventilation for a simulated fire (use of smoke machine or paper streamers is acceptable). 	

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Forcible Entry

Sun 9/17 09:00-12:00	60	371-407	<ol style="list-style-type: none"> 1. Describe the situations and circumstances that require forcible entry into a structure. 2. List the general safety considerations when using forcible entry tools. 3. List the general carrying considerations that apply to all tools. 4. List the four categories of forcible entry tools; describe the tools in each category. 5. Describe the basic construction and operation of typical doors and windows. 6. Describe the techniques necessary to force entry through the various types of doors and windows. 7. Discuss the dangers associated with forcing entry through doors and windows. 8. Describe the characteristics, capabilities, and limitations, of the various forcible entry tools. 9. List the general inspection, cleaning, and maintenance tips for forcible entry tools. 10. List the considerations to be taken prior to forcing entry into a structure, e.g., check incident address. 	
	120	415-426	Demonstrate how to carry, operate, and use hand and power tools to force entry through doors and windows using assorted methods and tools.	

Firefighter Survival

Sun 9/17 13:00-13:40	40	39-43, 433-440, 467-473	<ol style="list-style-type: none"> 1. Define personnel accountability system. 2. Describe how to apply a risk/benefit analysis to an emergency incident. 3. List the common hazards to firefighters; explain safe practices to ensure firefighter survival. 4. Explain how to maintain team integrity during emergency operations. 5. Describe how to initiate emergency communication procedures (MAYDAY). 6. Explain firefighter survival procedures. 	
		1329-1332	<ol style="list-style-type: none"> 7. Describe air management procedures. 8. Explain the importance of the rehabilitation process. 	

Practical

Sun 9/17 13:40-13:50	10	484	Demonstrate initiating a MAYDAY call for emergency assistance.	
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Salvage & Overhaul

Sun 9/17 13:50-14:50	60	740-763	<ol style="list-style-type: none"> 1. Define overhaul. 2. Discuss health and safety considerations during overhaul. 3. Discuss how to determine where overhaul is to be conducted. 4. List the types of tools and methods used to expose hidden fires. 5. Discuss the signs of arson and the preservation of evidence; coordination with fire investigations. 	
			<ol style="list-style-type: none"> 1. Discuss the purpose of property conservation and its value to the public. 2. Discuss the safety considerations to be taken during salvage operations. 	

			3. List the tools necessary to conduct salvage operations.
			4. Describe the use of salvage covers to protect building contents.
			5. Describe the proper folding, rolling, and spreading of salvage covers.
			6. Discuss the option of protecting building contents by moving them to a safe location.
		686-687	7. Describe how to stop the flow from a sprinkler to minimize water damage to a structure and its contents.
Sun 9/17 14:50-15:50	60	766-773	Practical: Salvage
			1. Demonstrate the ability to cluster furniture.
			2. Demonstrate steps to deploy covering materials.
			3. Demonstrate how to roll and fold salvage covers for reuse.

Response Safety

Sun 9/17 15:50-16:10	30	37-39	1. Discuss the safety considerations for riding fire apparatus
			2. Explain the importance of remaining seated with seat belts fastened in reduce the possibility of serious injuries or death if involved in an accident
			3. Discuss safe driving practices
			4. Explain the potential hazards involved in operating on emergency scenes including vehicle traffic, utilities and environmental conditions.
			5. Describe the proper procedures for dismounting the apparatus in traffic.
			6. Explain the procedures for safe operations at emergency scenes.
			7. Identify protective equipment available for member's safety at designated emergency and work zones
			8. Discuss the importance of situational awareness on the emergency scene for firefighter safety and survival.
			Practical:
Sun 9/17 16:10-16:30	20	50	Demonstrate correctly mounting and dismounting an apparatus when simulating response to an incident.

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Water Supply				
Sat 9/23 09:00-10:00	60		1. Describe municipal water supply systems.	
			2. List the types of fire hydrants and the characteristics of each type.	
			3. Explain fire hydrant operation, including the shutting down of a hydrant.	
			4. Describe water hammer and the effects on the water distribution system, hose, and fire personnel.	
			5. Discuss issues adversely affecting fire hydrant water supply or pressure.	
			6. Describe rural water supply sources.	
			7. Discuss the steps required to attach a soft sleeve hose to a fire hydrant.	
			8. Discuss the three types of hose lays used to connect a water supply source and an attack engine.	
			9. Describe the three basic hose loads commonly used for loading supply hose.	
			10. Describe the different techniques used to carry and advance supply hose.	
			11. Explain the steps necessary to connect to a standpipe or sprinkler system fire department connection.	
Psychomotor: (Skill Sheets 17-1, 17-2)				
Sat 9/23 10:00-12:00	120		1. Operate a fire hydrant	
			2. Make a soft sleeve hydrant connection.	
			3. Make a hydrant connection for a forward hose lay.	
			4. Make a hydrant connection for a reverse hose lay.	
			5. Demonstrate steps to connect and place hard suction hose for drafting operation.	
			6. Demonstrate two types of hose loads.	
			7. Demonstrate a working hose drag and shoulder carry.	
			8. Connect a supply fire hose to a fire department connection.	
Portable Fire Extinguishers				
Sat 9/23 13:00-16:10	40	254-268	1. Discuss the methods of fire extinguishment.	
			2. List the classifications of fire.	
			3. Explain the classification, rating and labeling of fire extinguishers.	
			4. Discuss the variety of extinguishing agents and their properties.	
			5. Describe the types of fire extinguishers and the characteristics of each type.	
			6. Describe how to select the appropriate portable fire extinguishers.	
			7. Discuss safety considerations when using portable fire extinguishers.	
			8. Explain how to transport a portable fire extinguisher.	
			9. Describe basic fire extinguisher operation.	
			10. Discuss inspection and care of portable fire extinguishers.	
Psychomotor: (Skill Sheet 18-1)				
90	270-273	1. Select an appropriate extinguisher based on the size and type of fire.		
		2. Demonstrate how to safely carry a portable extinguisher.		
		3. Demonstrate how to safely approach a fire with a portable fire extinguisher.		
		4. Using a stored-pressure water extinguisher, extinguish an incipient Class A fire.		
		5. Using a dry chemical (ABC) fire extinguisher, extinguish a flammable liquid fire.		

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Hose Deployment

Sun 9/24 09:00-11:00	120	541-557 563-566 606-631 639-685	1. Describe the types of fire hose and hose couplings.	
			2. Describe basic hose rolls used by fire departments.	
			3. Discuss causes and prevention of fire hose damage, and the procedures for noting a defective hose and removing it from service.	
			4. Discuss the inspection, care, and maintenance of fire hose.	
			5. Discuss causes and prevention of fire hose damage, and the procedures for noting a defective hose and removing it from service.	
			6. Identify the hose appliances and tools used in conjunction with hose and nozzles to complete a hose layout	
			6. Describe the various hose loads used for attack lines.	
			7. Describe the techniques and precautions to be followed when advancing and operating attack lines.	
			8. Describe the procedures for extending a section of hose, controlling a loose hoseline and replacing a burst section of hose.	
			9. Explain how to drain, pick up and unload hose.	
			10. Classify and discuss each type, design, operation, nozzle pressure effects, and flow capabilities of nozzles.	
			11. Describe the extinguishing properties of water.	
			12. Discuss the principles of fire streams.	
			13. Explain offensive versus defensive fire attack strategies.	
			14. Describe the criteria for determining hoseline selection, nozzle selection and entry decisions.	
			15. Describe the methods for making interior direct, indirect, and combination attacks on a structure fire.	
16. Explain the principles of exposure protection.				

Practical

Sun 9/24 12:00-1600	240	568-576 641-649 558-564	1. Demonstrate how to couple and uncouple various hand line connections.	
			2. Demonstrate the various hose rolls.	
			3. Operate various nozzles from closed to open positions and adjust stream patterns along with flow rates.	
			4. Demonstrate how to advance a hose load; operate charged and uncharged lines 1-½ inch (38mm) diameter or larger hose line from apparatus.	
			5. Demonstrate the ability to prevent water hammer when shutting down nozzles.	
			6. Demonstrate how to operate a charged attack line from a ladder.	
			7. Demonstrate how to extend hose lines.	
			8. Demonstrate how to replace burst hose sections.	
			9. Demonstrate how to drain and pick up hose.	