Law, Public Safety, Corrections & Security

Pathway: Emergency & Fire Management Services

Code	Topic	Course	Knowledge and Skill	Performance Element	Measurement Criteria
LWPB01.01	Communication	#7: Emergency and Fire Management Communications	Speak well, write effectively and use equipment professionally to communicate effectively.	Speak and write effectively to communicate specific ideas to various audiences.	Focus oral and written communications.
					Speak clearly to be understood by others.
					Tailor communication to specific audiences in different situations.
					Communicate using radio equipment.
					Complete forms using computers.
					Complete written forms.
LWPB01.02	Communication	#7: Emergency and Fire Management Communications	Operate radio communication systems to convey and receive information.	Use all types of radio equipment to reach intended audiences.	Identify a repeater radio system.
					Use a repeater radio system.
					Use clear and concise terminology.
					Differentiate among a hand held radio, base unit radio and mobile radio.
					Operate a hand held radio correctly.
					Operate a base unit radio correctly.
					Operate a mobile radio correctly.
LWPB02.01	Problem Solving and Critical Thinking	#7: Emergency and Fire Management Communications	Apply emergency response skills to manage an incident scene as the first responder (until relieved by superior officer).	Use emergency management response to manage on-scene accident activities.	Respond logically.
					Use appropriate course of action to address emergency scene.
					Use training and past experiences to make decisions quickly.
					Obtain available resources as needed.
					Use resources to solve emergency problems.
					Recognize, interpret, and overcome obstacles.

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Code	Topic	Course	Knowledge and Skill	Performance Element	Measurement Criteria
LWPB03.01	Information Technology Applications	#2: Information Technology Applications #7: Emergency and Fire Management Communications	Maintain up-to-date use of information technology application.	Use radio equipment, computer technology, and public address/warning systems to manage emergency situations.	Operate information technology equipment as required for the specific job.
					Complete basic and recurring training program on information technology applications.
				Develop fundamental skills necessary to operate word processing and spreadsheet software.	Keyboard accurately.
					Pass examinations on word processing and spreadsheet programs.
LWPB04.01	Systems	#3: Principles of Fire and Emergency Services	Understand mission common objectives to commit to the missions of emergency and fire services, which are to save lives and protect property.	Practice response procedures in order to respond to small and catastrophic emergency incidents.	Participate in training courses that prepare for emergency incidents.
					Achieve passing scores on written and performance evaluations.
					Demonstrate use of personal and other equipment used in emergency situations.
					Maintain emergency equipment within established criteria.
					Document training and equipment checks.
					Show a working knowledge of mitigation techniques.
LWPB05.01	Safety, Health and Environmental	#4: Safety, Health and Environmental Issues #6: Firefighter/EMT Training	List local, state and federal regulations pertaining to safety issues.	Employ personal safety procedures to meet prescribed regulations.	Pass tests on local, state and federal regulations governing pertinent safety issues.
					Use correct reporting procedures when safety regulations are not followed.
					Evaluate emergency situations and select procedures that reduce personal safety risks.
					Seek assistance from more experienced personnel in emergency situations that are unfamiliar.
				Know how to handle hazardous materials to manage demands of medical, fire, environmental or technological disasters or situations when hazardous materials are present.	Pass written, oral, and performance evaluations on handling hazardous materials.
					Train on medical, fire, environmental, technological, or other situations where hazardous materials are present.
					Perform practice exercises on proper procedures to handle hazardous materials.

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LWPB06.01	Leadership and Teamwork	#3: Principles of Fire and Emergency Services	Establish an institutional professional growth plan to develop team-building and leadership skills.	Perform individual and collective tasks to function within a group environment.	Identify one's position in the organization.
					Outline skills involved with one's position.
					Demonstrate the fundamentals of team-building.
					Develop team-building skills with frequent supervisor feedback.
					Evaluate team-building and leadership skills during training exercises and actual emergencies.
				Demonstrate leadership qualities to assume a guiding role in a group environment.	Assume leadership roles when asked.
					Demonstrate leadership by showing an understanding of procedures while using critical thought.
					Demonstrate leadership that meets established criteria.
					Pass written and oral examinations on leadership performance encompassing technical and procedural knowledge.
LWPB07.01	Ethics and Legal Responsibilities	#3: Principles of Fire and Emergency Services	List laws, ordinances, regulations, and organizational rules that define guidelines that govern emergency fire management.	Learn laws, ordinances, regulations and organizational rules of conduct to perform assigned duties.	Pass tests on required laws and rules of conduct.
					Perform assigned duties while complying with laws, ordinances, regulations, and organizational rules.
					Establish location of copies of laws, ordinances, regulations, and organizational rules.
					Report violations of a legal or of an ethical nature through the proper chain of command.
				Establish and maintain a background of adherence to the law to demonstrate ethical conduct.	Limit involvement with the law and criminal court system to qualify for employment.
					Follow ethical conduct guidelines established by community standards.

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Code	Topic	Course	Knowledge and Skill	Performance Element	Measurement Criteria
LWPB08.01	Employability and Career Development	#3: Principles of Fire and Emergency Service #5: Careers in Emergency and Fire Management Services	Compare career fields for firefighter, emergency medical technicians, Emergency Management Agency Personnel, and related careers to develop a personal perspective.	List responsibilities of a beginning employee in emergency, fire, and emergency medical technician/first responder services career to understand the emotional and physical challenges of the fields.	Discuss career requirements contained within emergency, fire, and medic services pathway.
					Compare emergency and fire services careers with other career options.
					Assess one's own abilities to enter an emergency and fire services career.
					Outline a realistic career development plan.
LWPB09.01	Technical Skills	#6: Firefighter/EMT Training #9: Management and Operation of Emergency Equipment	Draw on response skills to handle emergency situations from minor medical and fire emergencies to area-wide incidents.	Apply critical thinking skills to perform in emergency response situations.	Demonstrate basic emergency response knowledge and skills.
					Apply knowledge of emergency response with training subjects.
					Use critical thinking skills in addressing emergency situations.
					Pass written, oral, and practical application tests of emergency situations.
				Enhance skills necessary to perform in emergency response situations.	Train to maintain emergency response skills.
					Practice emergency response to maintain and upgrade abilities.
					Assess emergency response training performance based on established criteria.
					Create customized training plans.
					Implement training plan with qualified instructors.

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Code	Topic	Course	Knowledge and Skill	Performance Element	Measurement Criteria
LWPB09.02	Technical Skills	#9: Management and Operation of Emergency Equipment	Know operational and repair requirements to maintain equipment in an in-service condition for all emergencies.	Follow maintenance schedules to keep equipment ready for needed job assignments.	Possess basic knowledge of emergency equipment and its use.
					Operate emergency equipment.
					Maintain emergency equipment.
					Follow maintenance plan cycle.
					Request maintenance assistance when needed.
					Repair then return defective equipment to service within established criteria.
					Follow equipment maintenance plan.
					Document equipment maintenance.
					Perform preventive maintenance and mitigation techniques.
LWPB09.03	Technical Skills	#9: Management and Operation of Emergency Equipment	Study equipment and applications to use fire service equipment correctly.	Identify a variety of equipment types to explain the application of types of ladder trucks.	Identify a snorkel truck.
					List uses of snorkel truck.
					Use snorkel truck correctly.
					Identify a tiller truck.
					List uses of tiller truck.
					Use tiller truck correctly.
					Identify a platform truck.
					List uses of platform truck.
					Use platform truck correctly.
				Identify a variety of pumpers to differentiate among types of pumper applications.	Identify a standard pumper.
					List uses of standard pumper.
					Use standard pumper correctly.
					Identify a quint pumper.
					List uses of quint pumper.
					Use quint pumper correctly.

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Code	Topic	Course	Knowledge and Skill	Performance Element	Measurement Criteria
			(CONTINUED)	Study unit operational guidelines to understand the special units in the fire service and their purpose.	Identify a cascade unit.
					Explain purpose of cascade unit.
					Identify a light tower.
					Explain purpose of light tower.
					Identify a rescue unit.
					Explain purpose of rescue unit.
					Identify a command post.
					Explain purpose of command post.
					Identify a heavy rescue.
					Explain purpose of heavy rescue.
					Identify a brush truck.
					Explain purpose of a brush truck.
LWPB09.07	Technical Skills	#8: Administration of Emergency Services	Develop and implement an appropriate Incident Command System.	Define all elements of emergency scene evaluation to develop and implement an action plan.	Determine what is involved at fire scene that may have contributed to incident.
					Analyze fire scene for possible approaches.
					Notify appropriate agencies for support (i.e. electric company, gas, etc.).
					Formulate an action plan.
					Implement action plan.
				Establish priorities to determine actions.	Select appropriate action plan.
					Select equipment needed.
					Determine mitigation effectiveness.
					Explain importance of establishing priorities.
				Manage logistics procedures at incident.	Identify each piece of equipment used.
					Return each piece of equipment to service.
					Fill out reports.

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LWPB09.08	Technical Skills	#4: Safety, Health and Environmental Issues	Know icons and codes required to recognize materials marked hazardous.	Identify and define shipping and storage documents.	List general chemical manufacturers.
					List local chemical manufacturers.
				Use appropriate reference literature to identify classifications and markings for hazardous materials.	List the nine classifications of hazardous materials (haz/mat).
					Recognize the 704 marking system.
					Use the 704 marking system to identify haz/mat.
					Use the DOT handbook for haz/mat.
					Locate chemicals and identify their hazards.
				Search available materials to list all types of haz/mat responders.	Differentiate among three levels of haz/mat certification (operations, technician, and specialist).
					Analyze privately owned and governmental based haz/mat clean-up teams.
LWPB09.09	Technical Skills	#4: Safety, Health and Environmental Issues	Recognize hazardous materials transportation modes to assure safe transport.	Identify modes of transportation of hazardous materials.	List all means of transportation.
					State the minimum pounds of hazardous materials that can be transported without being labeled.
					Explain the safety procedures required to transport selected haz/mat.
					Plan and designate haz/mat routes.

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LWPB09.10	Technical Skills	#8: Administration of Emergency Services	Practice public relations.	Examine facilities to implement a tour program.	Develop a tour program.
					Hand out materials to tour groups.
				Develop a public relations program.	Develop an elementary school program including fire prevention and fire safety topics.
					Implement an elementary school program including fire prevention and fire safety topics.
					Develop a secondary school program including fire prevention and fire safety topics.
					Implement a secondary school program including fire prevention and fire safety topics.
					Participate in question and answer sessions to increase knowledge regarding fire safety and prevention.
LWPB09.11	Technical Skills	#8: Administration of Emergency Services	Recognize situations with unusual needs to analyze special operation rescue teams.	Identify emergencies when special operations units/teams would be needed.	Identify emergencies when a special operations team would be needed.
					Identify certifications needed.
					Identify appropriate gear.
					List components of special operations unit.

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