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FA-01 Basic Function	ns of Fire Alarm Systems			
Objective FA-01-1: Describe the life safety functions of a fire alarms system. Objective FA-01-2: Describe the basic function of the fire alarm control unit. Objective FA-01-3: Describe the basic function of the initiating devices. Objective FA-01-4: Describe the basic function of the notification appliances. Objective FA-01-5: Describe the basic function of mass notification. Objective FA-01-6: List the procedures to follow when working on an existing fire alarm system.				
FA-02 Types of Fire	Alarm Systems			
Objective FA-02-2: Objective FA-02-3: Objective FA-02-4:	Describe the function of a conventional fire alarm Describe the function of a multiplexed fire alarm Describe the function of an addressable fire alarm Describe the function of a household fire alarm s Describe the function of single- and multiple-state	system. n system. ystem.		
_	Fire Alarm System Types			
Objective FA-03-2: Objective FA-03-3: Objective FA-03-4: Objective FA-03-6: Objective FA-03-7:	List the types of installations where household for Describe the purpose of and explain the operation Explain the operation of an auxiliary fire alarm set Explain the operation of protected premises (local Describe the types and operation of supervising set Describe a combination fire alarm system. Describe the purpose of emergency voice/alarm of Describe the purpose and operation of a fire alarm.	n of municipal fire alaystem. al) fire alarm systems. station service fire ala communication system	rm systems.	
FA-04 Fire Alarm Co	entrol Units and Associated Functions			
Objective FA-04-2: Objective FA-04-3: Objective FA-04-4: Objective FA-04-5:	Describe the basic function of the fire alarm control Describe the basic function of the FACU power's Describe the supervision, monitoring, and process Describe the status and annunciation of the FACU Describe off-premises transmission methods. Describe protection and early detection at the FACU Describe off-premises transmission methods.	supply. ssing of the FACU. U.		

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FA-05 Fire Alarm Sy	stem Initiating Devices		
Objective FA-05-2: Objective FA-05-3: Objective FA-05-4: Objective FA-05-5: Objective FA-05-6: Objective FA-05-7: FA-06 Fire Alarm No Objective FA-06-1: Objective FA-06-2:	Describe the basic function of manually actuated in Describe the basic function of automatic heat det Describe the basic function of automatic smoke of Describe the basic function of waterflow switche Describe the basic function of radiant energy fire Describe the basic functions of CO Detectors. Describe the basic functions of supervisory initial attification Appliances Describe the basic types of notification appliances Describe public mode, private mode, and sleepin Describe notification systems and their installation	tectors. detectors. es. e detectors. ating devices. es. eg area requirements.	al fire alarm boxes).
	Describe notification rule of thumb design requir		
FA-07 Fire Alarm Cir	rcuits and Pathways		
Objective FA-07-2: Objective FA-07-3: Objective FA-07-4:	Describe the types of non-power-limited fire alarm Describe the types of power-limited fire alarm circumstrates and wire types, and applications in Describe circuit types and monitoring for integrit Describe the basic requirements of surge protections.	rcuits. requirements. ty.	
FA-08 Supervising S	tation Alarm Systems		
Objective FA-08-2: Objective FA-08-3: Objective FA-08-4:	Describe the operations of a public emergency all Describe the operations of a supervising station of Describe the operations of digital alarm communication of the operations of cellular and RF communication of the operations of Internet communication.	service. nications. nunications.	
FA-09 Fire Alarm Syst	tems—Inspection, Testing, and Maintenance (ITM)		
Objective FA-09-2: Objective FA-09-3: Objective FA-09-4:	Describe the fire alarm system general requirements. Describe the fire alarm system inspection requirements. Describe the fire alarm system testing requirements. Describe the fire alarm system maintenance requirements. Describe the fire alarm system documentation recommends.	ements. nents. irements.	l testing.

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FA-10 Unwanted Ala	rm Prevention			
Objective FA-10-1:	1: Describe general unwanted alarm prevention criteria.			
Objective FA-10-2:	Describe unwanted alarm prevention for the fire alarm control unit (FACU).			
	Describe unwanted alarm prevention of the fire alarm initiating devices.			
	Describe the NEMA rating of electrical enclosures.			
Objective FA-10-5:	Describe state and local code requirements.			
FA-11 Circuit Testing				
Objective FA-11-1:	Review basic fire alarm circuits.			
Objective FA-11-2:	Describe conductor testing for fire alarm system circuits.			
_	Describe troubleshooting procedures for fire alarm system circuits.			
Objective FA-11-4:	Review the lab safety procedures and policies a testing lab.	dopted in your lab an	d perform a circuit	
FA-12 Emergency Co	ommunications Systems			
Objective FA-12-1:	Objective FA-12-1: Describe the life safety functions of an emergency communications system.			
Objective FA-12-2:	jective FA-12-2: Describe the basic function of the emergency communications control equipment.			
	Objective FA-12-3: Describe the basic function of the emergency communications system initiating devices.			
Objective FA-12-4: Describe the basic function of the emergency communications system notification appliances.				
Objective FA-12-5: Describe other layers of emergency communications systems.				
Objective FA-12-6:	NICET Exam Preparation – Optional			
List of Abbreviations				
Glossary of Key Terms				