

**Course: Advanced Leadership Issues: EMS
July, 1996**

Standard	Reference	Remarks
1021—2-1.1	IG 1-6; SM 1-3; SM 1-7; I	General Prerequisite Knowledge
1021—2-1.2	SM 3-8; SM 3-9; IG 3-4	General Prerequisite Skills
1021—2-2	IG 5-3; SM 5-3	Human Resource Management
1021—2-2.2	IG 4-16; SM 5-7	Assign tasks or responsibilities to unit members
1021—2-2.4	IG 4-17; SM 5-7	Recommend action for member-related problems
1021—2-2.5*	SM 5-7; IG 4-16; IG 7-11	Apply human resource policies and procedures
1021—2-2.6	IG 4-15; SM 5-7	Coordinate the completion of assigned tasks and projects by members
1021—2-3	IG 5-6; SM 5-12	Community and Government Relations
1021—2-3.1	IG 5-6; SM 5-12	Initiate action to a citizen's concern
1021—2-3.2	SM 5-10; IG 5-5	Respond to public inquiry
1021—2-4	IG 4-16; SM 5-7	Administration
1021—2-4.1	IG 7-11	Implement a new development policy at the unit level
1021—2-4.2	IG 4-7	Execute routine unit-level administrative functions
1021—2-7*	IG 5-6; SM 5-10	Safety
1021—2-7.1	IG 5-6; SM 5-10	Apply safety regulations at the unit level
1021—2-7.2	SM 5-13; IG 5-6	Conduct an initial accident investigation
1021—3-1.1	IG 6-4	General Prerequisite Knowledge
1021—3-1.2	SM 6-3	General Prerequisite Skills
1021—3-2.1	IG 4-16; IG 5-6; SM 5-10	Initiate action to maximize member performance and/or correct unacceptable performance
1021—3-4	IG 2-3; SM 2-3	Administration
1021—3-4.1	IG 5-6; SM 5-10	Prepare recommendations for changes to an existing policy or procedure
1021—3-4.2	SM 2-4; IG 2-7	Prepare a budget request
1021—3-4.4	IG 5-5; SM 5-11	Prepare a concise report for transmittal to a supervisor
1021—3-7	SM 5-10; IG 5-6	Safety
1021—3-7.1	SM 5-10; IG 5-6	Analyze a member's accident, injury or health exposure history
1021—4-1.1	SM 1-6; IG 1-5	General Prerequisite Knowledge

1021—4-1.2	IG 4-3; SM 5-3	General Prerequisite Skills
1021—4-2	IG 5-4; SM 5-6	Human Resource Management
1021—4-2.1	SM 2-3; IG 2-3	Establish personnel assignments to maximize efficiency
1021—4-2.2	IG 5-4; SM 5-6	Develop procedures for hiring members
1021—4-2.3	IG 5-4; SM 5-8	Develop procedures for promoting members
1021—4-2.4	IG 5-4; SM 5-8	Describe methods to facilitate and encourage members to participate in professional development to achieve their full potential
1021—4-3	SM 6-4; IG 6-4	Community and Government Relations
1021—4-3.1	IG 6-5; SM 6-5	Prepare community awareness programs to enhance the equality of life
1021—4-4	IG 2-3; SM 2-3	Administration
1021—4-4.1	IG 2-3; SM 2-3	Develop a budget
1021—4-4.2*	IG 2-7; SM 2-9	Develop a budget management system
1021—4-4.4	SM 3-6; IG 3-5	Direct the development, maintenance, and evaluation of a department record-keeping system
1021—4-4.5	SM 3-7; IG 3-5	Analyze and interpret records and data
1021—4-4.6	SM 2-5; IG 2-5	Develop a model plan
1021—4-6	IG 4-12	Emergency Service Delivery
1021—4-7	SM 5-10; IG 5-6	Safety
1021—4-7.1	IG 5-6; SM 5-10	Develop a measurable accident and injury prevention program
1021—5-2	SM 5-7; IG 5-5	Human Resource Management
1021—5-2.2	IG 8-6	Establish and evaluate a list of education and in-service training goals
1021—5-2.4	IG 8-7	Evaluate an incentive program
1021—5-3	IG 6-5	Community and Government Relations
1021—5-3.1	IG 8-7	Attend, participate, and play a leadership role in given community events...
1021—5-4.1	IG 8-6; SM 8-7	Develop a comprehensive long-range plan
1021—5-4.2	IG 8-6; SM 8-7	Evaluate and project training requirements, facilities, and buildings
1021—5-7	IG 5-6; SM 5-12	Safety
1021—5-7.1	IG 5-6; SM 5-12	Maintain, develop, and provide leadership for a risk management program

**Course: Advanced Life Support Response to Hazardous Materials Incidents
May, 2001**

Standard	Reference	Remarks
472—3-2.1.3.2	Unit 11	Given a pesticide label, identify each of the following pieces of information.....
472—3-2.3.1.1	Unit 13	Match the following chemical and physical property....
472—3-3.3.1.2	Appendix D, pg. 7	Identify the required physical capabilities and limitations of personnel working....
472—3-4.2*	SM 2-9	Initiating the Incident Management System (IMS)
472—3-4.2.3	SM 2-8	Identify the purpose, need, benefits, and elements of an incident management system (IMS) at Hazmat incidents
472—4-2.2.2	Unit 13	Describe the following terms and explain their significance in the risk assessment program (z-pp)
472—4-2.2.2	Units 7, 9, 10	Describe the following terms and explain their significance in the risk assessment program (a-y)
472—4-2.2.4	Unit 8	Given five hazardous material scenarios and the appropriate reference materials.....
472—4-2.5.2.1	SM 4-7	Describe the following toxicological terms.... (b, c, d, e, f, g)
472—4-2.5.2.1	SM 4-8	Describe the following toxicological terms.... (h, i)
472—4-2.5.2.1	SM 4-6	Describe the following toxicological terms.... (a)
472—4-3.3.3.1	SM 2-15	Describe the following terms.... (a. degradation)
472—4-3.4.1	SM 2-15	Identify the advantages and limitations..... (a. Absorption; d. Dilution; e. Disposal)
472—4-4.1	Unit 14	Performing Incident Management Duties
472—4-6.1	SM 2-11	Assisting in the Debriefing
472—4-6.1.1	SM 2-13	Describe three components of an effective debriefing
472—4-6.1.2	SM 2-13 and 2-14	Describe the key topics in an effective debriefing
472—4-6.1.3	SM 2-13 and 2-14	Describe when a debriefing should take place
472—4-6.1.4	SM 2-14	Describe who should be involved in a debriefing
472—4-6.2.1	SM 2-13	Describe three components of an effective critique
472—4-6.2.2	SM 2-13	Describe who should be involved in a critique
472—4-6.2.3	SM 2-13	Describe why an effective critique is necessary after a hazardous materials incident
472—4-6.2.4	SM 2-13	Describe which written documents should be prepared as a result of the critique
472—7-6.2.1	SM 2-13	Describe three components of an effective debriefing
472—7-6.2.2	SM 2-13 and 2-14	Describe the key topics in an effective debriefing

472—7-6.2.3	SM 2-13 and 2-14	Describe when a debriefing should take place
472—7-6.2.4	SM 2-14	Describe who should be involved in a debriefing
472—7-6.3.1	SM 2-13	Describe three components of an effective critique
472—7-6.3.2	SM 2-13	Describe who should be involved in a critique
472—7-6.3.3	SM 2-13	Describe why an effective critique is necessary after a hazardous materials incident
472—7-6.3.4	SM 2-13	Describe what written documents should be prepared as a result of the critique
472—7-6.3.5	SM 2-13	Identify the procedure for conducting a critique of the incident

Course: Arson Detection for the First Responder

July, 1996

Standard	Reference	Remarks
1021—2-5.1	IG 2; IG 4; IG 7	Prerequisite Knowledge
1021—2-5.2	IG 5	The importance of fire scene security; evidence preservation
1021—3-5.2	IG 4	Prerequisite Knowledge: common causes of fire
1021—3-5.2	IG 2	Prerequisite Knowledge: fire growth and development
1021—3-5.2	IG 4	Prerequisite Knowledge: methods used by arsonists
1021—3-5.2	IG 7	Prerequisite Knowledge: documentation of preliminary fire investigative procedures
1033—3-2.1	IG 1; IG 5	Fire ground hazards; the importance of fire scene security; evidence preservation
1033—3-2.2	IG 3-13	Requisite Knowledge: types of evidence commonly found in the perimeter
1033—3-2.2	IG 5	Requisite Knowledge: evidence preservation methods
1033—3-2.2	IG 3-13	Requisite Knowledge: effects of fire suppression
1033—3-2.2	IG 2	Requisite Knowledge: Knowledge of the types of building construction
1033—3-2.2	IG 2	Requisite Knowledge: fire behavior and spread

Course: Basic Life Support and Hazardous Materials Response
June, 1995

Standard	Reference	Remarks
472—2-1.3 a. 1	IG 2-5 to 2-28 (Some)	Detect the presence of hazardous materials
472—2-1.3 a. 2	IG 2-19 to 2-28 (not enou	Survey a hazardous material incident from a safe location to identify name, UN/NA identification number, or type placard applied for any hazardous materials involved
472—2-1.3 a. 3	IG 2-39 to 2-45 (Some)	Collect hazard information from the current edition of the North American Emergency Response Guidebook
472—2-2.1	IG 2-19 to 2-28	Detecting the presence of hazardous materials
472—2-2.1.1*	IG 2-17 to 2-19	Identify the definition of hazardous materials (or dangerous goods, in Canada).
472—2-2.1.10.5	Appendix D-8	Identify the person responsible for having the shipping papers in each mode of transportation
472—2-2.1.10.6	Appendix D-8	Identify where the shipping papers are found in each mode of transportation
472—2-2.1.10.7	Appendix D-8	Identify where the papers can be found in an emergency in each mode of transportation
472—2-2.1.11*	IG 2-19 to 2-28	Identify examples of clues (other than occupancy/location, container shape, markings/color, placards/labels, MSDS, and shipping papers) that use the senses of sight, sound, and odor to indicate hazardous materials
472—2-2.1.2*	IG 2-41	Identify the DOT hazard classes and divisions of hazardous materials and identify common examples of materials in each hazard class or division
472—2-2.1.3*	IG 2-41	Identify the primary hazards associated with each of the DOT hazard classes and divisions of hazardous materials by hazard class or division
472—2-2.1.5	IG 2-19 to 2-28	Identify typical occupancies and locations in the community where hazardous materials are manufactured , transported, stored, used, or disposed of
472—2-2.1.7	Appendix D-4 to D-5	NFPA 704 markings
472—2-2.1.7	IG 2-19 to 2-28	Identify facility and transportation markings and colors that indicate hazardous materials, including the following:
472—2-2.1.8	Appendix D-4 to D-5	Given an NFPA 704 marking, describe the significance of the colors, numbers, and special symbols
472—2-2.3*	IG 2-39 to 2-41	Collecting hazard information
472—2-2.3.1*	IG 2-39 to 2-41	Identify the three methods for determining the appropriate guide page for a hazardous material
472—2-4.1.3.4*	IG 4-5	Identify the general routes of entry for human exposure to hazardous materials
472—3-1.3 a. 1	IG 2-19 to 2-28	Survey the hazardous materials incident to identify the containers and materials involved, determine whether hazardous materials have been released, and evaluate the surrounding conditions

472—3-2.1.3.2	IG 10-9; Appendix C-3	Name of pesticide; signal word; pest control product (PCP) number (in Canada); Precautionary statement; Hazard statement; Active ingredient
472—3-2.2	IG 3-19 to 3-21	Collecting hazard and response information
472—3-2.3.1.2 a.	IG 4-5 to 4-13; IG 3-19	Exposure and hazard
472—3-2.3.1.2 b.	IG 3-19	Exposure and contamination
472—3-2.3.1.2 c.	IG 2-49; IG 3-19; IG 6-11	Contamination and secondary contamination
472—3-3.4.2	IG 6-7 to 6-11	Describe how the potential for secondary contamination determines the need for emergency decontamination procedures
472—3-4.1.4	IG 6-5; IG 6-11	Identify the consideration associated with locating emergency decontamination areas
472—3-4.3.4	IG 5-7 to 5-9	Identify the symptoms of heat stress
473—2-1.3 a. 1.	IG 2-5 to 2-45	Determine the hazards present to the Level I responder and the patient in a hazardous materials incident
473—2-1.3 a. 2.	IG 6-5 to 6-25	Assess the patient to determine the risk of secondary contamination
473—2-1.3 b. 1.	IG 3-15; Activity 3.1	Describe the role of the Level I responder in a hazardous material incident
473—2-1.3 b. 2.	IG 2-47 to 2-53; IG 6-9 to	Plan a response to provide the appropriate level of emergency medical care in a hazardous materials incident
473—2-1.3 b. 3.	IG 2-59 to 2-69	Determine if the personal protective equipment provided is appropriate
473—2-1.3 c. 1.	IG 6-5 to 6-11	Perform the necessary preparations for receiving the hazardous materials patient and preventing secondary contamination
473—2-1.3 c. 2.	IG 6-9	Treat the hazardous materials patient
473—2-1.3 c. 3.	IG 6-11	Transport the patient as appropriate
473—2-2.1 d. 1-6	IG 10-9; Appendix C-3	Name of pesticide; Signal word; EPA registration number; Precautionary statement; Hazard statement; Active ingredient
473—2-2.2 b. 1.	IG 4-5	Acute and delayed toxicity
473—2-2.2 b. 2.	IG 4-5	Routes of exposure to toxic materials
473—2-2.2 b. 3.	IG 4-7	Local and systemic effects
473—2-2.2 b. 4.	IG 4-7	Dose response as it relates to risk assessment
473—2-2.2 b. 5.	IG 4-9	Synergistic effects
473—2-2.2 b. 6.	IG 4-5 to 4-13	Health hazard as determined by assessing toxicity, exposure, and dose
473—2-2.2 c.	IG 3-23	Describe how chemical contamination of patients alters the principles of triage in hazardous materials incidents
473—2-2.2 d.	IG 6-9 to 6-15	Explain the need for patient decontamination procedures at hazardous materials incidents
473—2-2.2 f.	IG 6-3 to 6-5; 6-11	Describe the way that personnel, personal protective clothing, apparatus, tools, and equipment become contaminated and the importance and limitations of decontamination procedures

473—2-3.1 a.	IG 2-47 to 2-51; IG 3-7	Describe the emergency medical component for the hazardous materials incident response plan as developed by the authority having jurisdiction
473—2-3.1 b.	IG 3-7; IG 3-13 to 3-15	State the Level I responder's role within the hazardous materials response plan as developed by the authority having jurisdiction
473—2-3.1 c.	IG 3-15	State the Level I responder's role within the hazardous materials incident management system
473—2-3.3 a. 1-4	IG 2-59 to 2-69	Describe the application, use, and limitations of the following: Street clothing and work uniforms; Structural firefighting protective clothing; Respiratory protective equipment; Chemical-protective clothing
473—2-4.2 a.	IG 3-23	Describe how chemical contamination of patients alters the assessment and care of the hazardous materials

**Course: Challenges for Local Training Officers
July, 1998**

Standard	Reference	Remarks
1021—5-4.2	IG 4-3 to 4-17	Prerequisite Knowledge: needs assessment
1041—3-2.2.1	IG 6-7 to 6-8	Prerequisite Knowledge: scheduling processes
1041—3-2.3.1	IG 4-3 to 4-17	Prerequisite Knowledge: needs analysis
1041—3-2.4	IG 5-15 to 5-24	Budget constraints
1041—3-2.5.1	IG 3-23 to 3-26	Prerequisite Knowledge: databases used for record keeping
1041—3-2.5.1	IG 3-5 to 3-16	Prerequisite Knowledge: laws affecting records and disclosure of training records
1041—3-2.5.1	IG 3-15 to 3-16	Prerequisite Knowledge: professional standards applicable to training records
1041—3-2.5.2	IG 3-29 to 3-31 (Activity 3.	Prerequisite Skills: record auditing procedures
1041—3-4.3.1	IG 1-19 to 1-23	Prerequisite Skills: leadership techniques
1041—3-5.2	IG 6-15 to 6-16	Evaluation instruments determines if the student has achieved the learning objectives; the instrument evaluates performance in an objective, reliable, and verifiable manner
1041—3-5.2.1	IG 6-16 to 6-17	Prerequisite Knowledge: Techniques
1041—3-5.2.1	IG 6-15 to 6-16	Prerequisite Knowledge: Evaluation methods
1041—3-5.3	IG 6-15 to 6-17	Students have the ability to provide feedback to the instructor on instructional methods
1041—3-5.3.1	IG 6-15 to 6-17	Prerequisite Knowledge: Evaluation methods, test validity
1041—3-5.3.2	IG 6-23 (Activity 6.2)	Prerequisite Skills: Development of evaluation forms
1041—4-2.2.1	IG 3-9	Prerequisite Knowledge: disclosure of information
1041—4-2.7	IG 6-15 to 6-17	Present evaluation findings, conclusions, and recommendations to agency administrator
1041—4-3.2	IG 4-4 to 4-17	Conduct an agency needs analysis
1041—4-3.2.1	IG 4-4 to 4-17	Prerequisite Knowledge: needs analysis
1041—4-3.2.1	IG 6-15 to 6-17	Prerequisite Knowledge: development of evaluation instruments
1041—4-3.2.2	IG 4-29 to 4-31 (Activity 4.	Prerequisite Skills: Needs assessment
1041—4-5.4	IG 6-15 to 6-17	Create a program evaluation plan

Course: Code Management: A Systems Approach

April, 1989

Standard	Reference	Remarks
1021—4-5.2	Units 2, 3, 4, 5	Prerequisite Knowledge
1021—4-5.2	Units 2, 3, 4, 5	Prerequisite Skills
1031—4-2.7	Units 2, 5	Requisite Skills
1031—4-2.7	Units 2, 3, 4, 5	Requisite Knowledge
1031—4-2.8	Unit 6	Requisite Knowledge
1031—5-2.2	Unit 2, 5 (Act. 2.1, 2.2 and	Requisite Skills
1031—5-2.2	Units 2, 3, 4, 5	Requisite Knowledge
1031—5-2.3	Unit 2 (Act. 2.1, 2.2 and 2.	Requisite Skills
1031—5-2.3	Units 2, 3, 4, 5	Requisite Knowledge
1031—5-2.4	Units 4, 5, 6	Requisite Knowledge
1031—5-2.5	Units 2, 3	Requisite Skills
1031—5-2.5	Units 3, 4	Requisite Knowledge

Course: Command and Control Of Fire Department Operations at Multi-Alarm Incidents

February, 2001

Standard	Reference	Remarks
1021—2-1.2	IG Unit 2	General Prerequisite Skills
1021—2-2.1	Scenarios	Assign tasks or responsibilities to unit members; Prerequisite Knowledge; Prerequisite Skills
1021—2-6*	Scenarios	Emergency Service Delivery
1021—2-6.1	Scenarios	Develop a pre-incident plan; Prerequisite Knowledge; Prerequisite Skills
1021—2-6.2	IG 7-33	Develop a initial action plan; Prerequisite Knowledge; Prerequisite Skills
1021—2-6.3*	Scenarios	Implement an action plan at an emergency operation; Prerequisite Knowledge; Prerequisite Skills
1021—3-4.3	Scenarios	Prepare a news release; Prerequisite Knowledge; Prerequisite Skills
1021—3-6.1	Scenarios	Another emergency requiring multi-unit operations; Prerequisite Knowledge; Prerequisite Skills
1021—4-6.1	Scenarios	Prepare an action plan; Prerequisite Knowledge; Prerequisite Skills

**Course: Command and Control Of Fire Department Operations at Natural and Man-Made Disaster
March 2000 3rd Edition, 1s**

Standard	Reference	Remarks
1021—2-1.1	IG Unit3, 6-39	Emergency operations, safety
1021—2-1.2	IG Unit 10	General Prerequisite Skills: communications, reports, IMS
1021—2-2.1	IG Unit 10	Prerequisite Skills: condense instructions based on training and SOP's
1021—2-2.1	IG Unit 10	Prerequisite Knowledge: verbal communications, working under stress
1021—2-2.6	IG Unit 10	coordinate tasks and projects, etc
1021—2-2.6	IG Unit 3	Prerequisite Knowledge: supervision and human resource management
1021—2-2.6	IG Unit 3	Prerequisite Skills: plan and set priorities
1021—2-5.2	IG 5-73	Prerequisite Knowledge: evidence, fire scene security, evidence preservation
1021—2-5.2	IG 5-81	Prerequisite Skills: establish perimeters at incident scene
1021—2-6.2	IG Unit 10	Prerequisite Skills: analyze emergency scene conditions, allocate resources
1021—2-6.2	IG Unit 3	Prerequisite Knowledge: size-up, SOP's for emergency operations, fire behavior
1021—2-6.3*	IG Unit 3	Prerequisite Knowledge: SOP's resources, basic fire control, emergency operations procedures, IMS, accountability
1021—2-6.3*	IG Unit 3	Prerequisite Skills: implement IMS, supervise and account for personnel
1021—3-1.2	IG Unit 5	General Prerequisite Skills: intergovernmental and interagency cooperation
1021—3-6.1	IG Unit 5	Prerequisite Skills: implement IMS, supervise and account for personnel
1021—3-6.1	IG Unit 5	Prerequisite Knowledge: SOP's resources, basic fire control, emergency operations procedures, IMS, accountability
1021—3-6.1	IG Unit 5	Operational plans
1021—4-6	IG Unit 5	Managing multi-agency planning, deployment, and operations
1021—4-6.1	IG Unit 5	Prerequisite Skills: evaluative methods, delegation, communicate
1021—4-6.1	IG Unit 5	Prepare action plan
1021—4-6.1	IG Unit 5	Prerequisite Knowledge: policies and procedures, resources capabilities, roles, responsibilities, authority
1021—5-6.1	IG Unit 2	Prerequisite Skills: communication, inter-agency planning and coordination
1021—5-6.1	IG Unit 2	Develop a comprehensive disaster plan
1021—5-6.1	IG Unit 2	Prerequisite Knowledge: major incident policies and procedures, physical and geographical, etc
1021—5-6.2	IG Unit 2	Prerequisite Skills: communication, inter-agency planning and coordination

1021—5-6.2	IG Unit 2	Prerequisite Knowledge: major incident policies and procedures, physical and geographical, etc
1021—5-6.2	IG Unit 2	Develop a comprehensive plan
1521—4-4.3	IG Unit 5, 9-12	Ensure incident scene rehabilitation and critical incident stress management
1521—4-5.3	IG 5-81	Attend strategic and tactical planning session
1521—4-5.4	IG 5-81	Ensure that a safety briefing is developed
1521—4-5.5	IG 5-81	Ensure that hot, warm, decontamination, and other zones are designated
472—5-1.1	IG Unit 3	Introduction
472—5-1.2	IG Unit 3	Definition: Incident Commander
472—5-1.3*	IG Unit 10	All except (e) 3 and 4
472—5-3.3	IG 5-71	Approve appropriate PPE for action options in plan of action
472—5-3.3.1	IG 5-71	Identify four levels of chemical protection, describe conditions for use
472—5-3.3.2	IG 5-76	Describe degradation, penetration, permeation - impact and significance
472—5-4.1.1	IG Unit 5	Role of Incident Commander during hazardous materials incident
472—5-4.1.6	IG Unit 10	Identify agencies and regulatory authority pertaining to production, transportation, storage and use of hazardous materials
472—5-4.1.7	IG Unit 10	Governmental agencies and private sector resources that assist
472—5-4.2*	IG Unit 10	Directing private and governmental resources

**Course: Command and Control Of Fire Department Operations at Target Hazards
February, 2001**

Standard	Reference	Remarks
1021—3-6.1	IG 2-5 to 2-14; 2-15 (Act.	Prerequisite Knowledge: Basic fire control and emergency operation procedures
1021—3-6.1	IG 3-5 to 3-36	Prerequisite Knowledge: An incident management system

Course: Command and Control Of Incident Operations
February, 2001

Standard	Reference	Remarks
1051—5-5.2	IG E 3 to 45	Size up an incident, given fuels, topography, and weather conditions, so that an incident action plan is developed for fire control with an emphasis on personnel safety.
1051—6-5.2*	IG E 3 to 35	Formulate an incident action plan, given a wildland fire and available resources, so that incident objectives are set and strategies and tactics are applied according to agency policies and procedures

**Course: Command and Control Of Wildland/Urban Interface Fire Operations For the Structural Ch
March, 2001**

Standard	Reference	Remarks
1051—3-5.3	IG 4-6 to 4-10	Detect potential hazardous situations
1051—3-5.3.1*	IG 4-6 to 4-10	Prerequisite Knowledge: basic fireline safety
1051—3-5.3.1*	IG 3-4 to 3-8	Prerequisite Knowledge: fire behavior
1051—4-1.3	IG 2-10 to 2-11	Brief assigned personnel
1051—4-5.3	IG 4-3 to 4-6; 4-13 (Activit	Evaluate the readiness of assigned crew members
1051—5-2.4*	IG 5-7 to 5-8; 5-19 (Appen	Communicate with assigned personnel
1051—5-5.5	IG 3-4 to 3-9; 3-11 to 3-32	Evaluate incident conditions
1051—5-5.5.1*	IG 3-4 to 3-9	Prerequisite Knowledge
1051—6-5.2	IG 5-7 to 5-8; 5-19 (Appen	Formulate an incident action plan
1051—6-5.4	IG 5-5 to 5-6; 5-19 (Appen	Arrange for the logistical support needs for assigned resources
1051—6-5.5.2	IG 3-11 to 3-33 (Act. 3.1 &	Prerequisite Skills
1051—6-5.5.2	IG 2-10 to 2-11	Communicate with supervisors, crew members and adjoining personnel
1051—6-5.7*	IG 2-10 to 2-11; IG 5-19 (Provide incident information to the incoming replacement incident commander

Course: Community Education Leadership
October, 1998

Standard	Reference	Remarks
1035—2-2.2*	Mod 1, Mod 5, Mod 7	Prepare written activity reports, given specific forms
1035—2-2.2*	IG Activity 1.1, Activity 5.2	Requisite Knowledge
1035—2-3	Mod 3	Requisite Knowledge
1035—2-3 Planning a	Mod 2	Identify partners for addressing fire and life safety issues, given fire and life safety issues
1035—2-4.1*	Activity 5.5	Select instructional materials, given a subject, learning objectives
1035—2-4.4	IG 4-21	Requisite Knowledge and Requisite Skills
1035—2-4.4	Mod 4	Notify the public, given a scheduled event, so that the location, date, time are included
1035—2-4.6	Mod 5, IG 5-31, IG 6-83	Administer an evaluation instrument, given the appropriate evaluation instrument
1035—3-2.1	Mod 7; Activity 7.2; IG 7-2	Prepare a written budget proposal for a specific program or activity; Requisite Knowledge; Requisite Skills
1035—3-2.2	Mod 7, IG	Project program budget expenditures, given program needs, past expenditures
1035—3-3.1*	Mod 5	Establish public fire and life safety education priorities within a program; Requisite Knowledge; Requisite Skills
1035—3-3.2	Mod 5, Mod 6	Develop an evaluation strategy; Requisite Knowledge; Requisite Skills
1035—3-3.3	Mod 5; IG 5-31; IG 6-83	Design an evaluation instrument, given educational program goals
1035—3-3.4*	Mod 6	Implement an evaluation strategy
1035—3-3.5	Mod 5	Participate in fire and life safety collaborative partnership; Requisite Skills
1035—3-3.6	IG 7-37	Prepare a request for support resources
1035—3-4.1*	Mod 5	Develop informational material; Requisite Knowledge
1035—3-4.5	Entire Course	Design a public fire and safety education program; Requisite Knowledge; Requisite Skills
1035—3-4.6	Mod 4	Adapt an educational program, campaign; Requisite Knowledge; Requisite Skills
1035—4-2.1	Mod 7	Develop a fire and life safety education budget, given schedules and guidelines
1035—4-2.1	IG 7-11	Requisite Knowledge
1035—4-2.2	IG 6-83	Evaluate subordinate performance, given written performance criteria; Requisite Skills
1035—4-3.1	Entire Course	Develop a comprehensive organizational public fire and life safety education strategy; Requisite Knowledge, Requisite Skills
1035—4-3.2	Mod 2, Mod 3	Create a collaborative fire and life safety education partnership; Requisite Knowledge
1035—4-3.3*	IG 5-7 to 5-27; Mod 4	Project current fire and life safety issues; Requisite Knowledge; Requisite Skills

1035—4-4.4

Activity 5.5

Create an awareness campaign within the organization

1035—4-4.5

Mod 5

Requisite Knowledge: Public policy process of the organization

Course: Community Risk Issues and Prevention Interventions
December, 1997

Standard	Reference	Remarks
1035—3-3.1	IG 8-14 to 8-16; IG 8-28 t	Establish public fire and life safety education priorities within a program
1035—4-3.1	IG 8-14 to 8-16	Develop a comprehensive organizational public fire and life safety education strategy
1035—4-3.1	IG 8-14 to 8-16	Prerequisite Knowledge
1035—4-3.4	IG 8-77 to 8-101	Prerequisite Knowledge
1035—4-3.4	IG 8-77 to 8-101	Develop a public policy recommendation, given a fire or injury issue

Course: Cooperative Leadership Issues in Wildland/Urban Interface
March, 2001

Standard	Reference	Remarks
1051—5-5.4	IG 7-3 to 7-7 (Activity 8.1)	Deploy resources to suppress a wildland fire
1051—5-5.4.1*	IG 7-3 to 7-7 (Activity 8.1)	Prerequisite Knowledge
1051—5-5.5	IG 7-3 to 7-7 (Activity 8.1)	Evaluate incident conditions
1051—6-1.2*	IG 6-3	Respond to requests for incident information from the news media

Course: Developing Fire and Life Strategies
December, 1999 2nd Editi

Standard	Reference	Remarks
1035—2-3	IG Chapter 1	Requisite Knowledge-community and organizations, fire and life safety issues, background information on the issues
1035—2-3 Planning a	IG Chapter 6	Identify partners for addressing fire and life safety issues
1035—2-3 Planning a	IG Chapter 1	Identify partners for addressing fire and life safety issues
1035—3-3.1	IG Chapter 4	Establish public fire and life safety education priorities within a program
1035—3-3.5	IG Chapter 6	Participate in fire and life safety collaborative partnership
1035—4.4.1	IG 5.29 through 5.37	Create educational materials
1035—4.4.1	IG 5.39 through 5.107	Characteristics of the audience
1035—4-3.1	IG 1.1 through 1.69	Develop a comprehensive organizational public fire and life safety education strategy; Requisite Knowledge, Requisite Skills
1035—4-3.1	IG Chapter 4	Develop a comprehensive organizational public fire and life safety education strategy
1035—4-3.2	IG 6.3 through 6.14	Requisite Skills: Facilitate meetings, motivate partners to achieve goal, manage and maintain teamwork
1035—4-3.2	IG 6.3 through 6.14	Create a collaborative fire and life safety education partnership
1035—4-3.3*	IG 5.89 through 2.93	Requisite Knowledge: Demographics, governmental regulations, environmental issues, and technological changes

Course: Emergency Medical Services: Special Operations
December, 2000

Standard	Reference	Remarks
1521—4-2.5	IG 3-139 (Activity 3.6)	The incident commander shall provide the incident safety officer with the incident action plan
1521—4-4.2	IG 5-44	The incident safety officer shall ensure compliance with the department's infection control plan
1521—4-4.3	IG 2-23, IG 2-50, IG 2-51	The incident safety officer shall ensure that incident scene rehabilitation are established as needed

Course: Emergency Response To Terrorism: Basic Concepts

October, 1997

Standard	Reference	Remarks
472—A-2-2.1.13	IG 1-17; 1-21; 1-19	Public Buildings; Places with historical
472—A-2-2.1.14	IG 1-17; 1-19	Intentional release; unexplained patterns; unexplained signs
472—A-2-4.1.6	IG 3-2; 3-14	Communicate the suspicion; isolate potentially exposed
472—A-3-2.1.6	IG 1-11; 2-6	Secondary events; armed resistance; use of weapons; booby traps; secondary contamination
472—A-3-2.3.9	IG 4-32; 4-35; 4-38; 4-39;	Nerve agents; vesicants; blood agents; choking agents; irritants; biological agents
472—A-3-2.3.9	IG 4-29; 4-30; 4-3	Nerve agents; vesicants; blood agents; choking agents; irritants; biological agents
472—A-3-3.4.5	IG 5-8	Describe the procedure
472—A-3-4.4.6	IG 5-5	Describe procedures
472—A-4-2.2.2	IG 4-3; 4-30; 4-29	Biological agents and toxins; irritants; nerve agents; vesicants
472—A-5-2.2.7	IG 4-29; 4-30; 4-3	Nerve agents; vesicants; blood agents; choking agents; irritants; biological agents
472—A-5-3.4.3	IG 3-3; 3-5; 3-18; 4-11	Implement on-site; provide on-site; provide command; provide crime scene; provide evidence collection

Course: Emergency Response To Terrorism: Strategic Consideration For Command Officers
September, 2000 2nd Editi

Standard	Reference	Remarks
472—2-2.1.13*	IG 3-5 (language differenc	Identify types of locations that could become targets
472—3-2.2.6	Unit 8; IG 6-24	Identify the type of assistance provided by the federal defense authorities
472—3-2.2.6.1	IG Unit 8	Identify the procedure for contacting federal defense authorities
472—3-2.3.9*	IG Appendix A Glossary	Given the following types of warfare agents, identify the corresponding DOT hazard class and division
472—5-1.2	IG 6-29 to 6-30	Definition. The Incident Commander is that person..
472—5-1.3*	IG 6-4 to 6-47; IG 6-67 to	Goal.
472—5-2.2.2	Glossary C-11; C-15	Permissible exposure limit (PEL); Immediately dangerous to life and health (IDLH)
472—5-3.4.1	IG 6-43 to 6-47	Identify the steps for developing a plan of action.
472—5-3.4.2	IG 5-15; 5-16	Identify the factors to be evaluated
472—5-3.4.3	IG 3-11 to 3-13	Provide public information (news media statements)
472—5-3.4.3	IG Unit 3; Unit 5; 4-42; 5-3	Receive the initial notification; Command on-scene personnel; Provide public information ; implement on-site; provide on-site; provide command post security; provide evidence collection
472—5-3.4.4	IG 6-43 to 6-47	Identify the process for determining the effectiveness
472—5-3.4.5	IG 5-10 to 5-62	Identify the safe operating practices/procedures
472—5-3.4.5.1	IG 4-11 to 4-34 (Activity 4.	Identify the importance of pre-incident planning
472—5-4.1	Unit 6	Implementing the Incident Management System.
472—5-4.1.1	Unit 6	Identify the role of the incident commander
472—5-4.1.5	Unit 6	Identify the elements of the incident management system
472—5-4.1.7	Unit 8	Identify the government agencies and private sector resources
472—5-5.1.1	IG 6-46	Identify the procedures for evaluating whether the action options are effective
472—5-6.4.2	IG 7-4 to 7-29	Identify the importance of documentation for a hazardous materials incident
472—5-6.4.3	IG 6-39	Identify the steps in keeping an activity log
472—5-6.4.6	E-17 to 21; E-35 to 43	Identify the procedures required for legal documentation
472—A-2-2.1.13	IG 3-5 (language differenc	Public assembly; public buildings; mass transit systems; places with high economic impact; telecommunications facilities; places with historical significance
472—A-2-2.1.14	IG 3-6;3-7	Examples of hazardous materials or laboratory equipment not relevant to occupancy (examples a - f)
472—A-2-4.1.6*	IG 5-4; 5-31; 5-32; 5-39	Communicate the suspicion; Isolate potentially exposed people; document initial observation

472—A-3-2.3.9

IG Appendix A-11; IG 5-5

Nerve agents (Tabun, Sarin, V agent); Vesicants (Mustard, Distilled Mustard, Nitrogen Mustard); Blood agents; Choking agents; Irritants; Biological agents and toxins

**Course: Emergency Response To Terrorism: Tactical Considerations: Company Officer
March, 2000**

Standard	Reference	Remarks
472—2-2.1	IG 4-5 to 4-18	Assign tasks or responsibilities
472—2-2.1.13*	IG 1-9;1-10;1-13 to 1-35	Identify types of locations; potential criminal or terrorist targets(examples: public assembly, public buildings, mass transit, etc.)
472—2-2.1.14*	IG 3-3 to 3-27	Identify at least 4 indicators; examples of indicators
472—2-5.2	IG 4-44; 4-45	Secure an incident scene
472—2-6.1	IG 1-13 to 1-35	Develop a pre-incident plan
472—2-6.2	IG 3-4 to 3-34	Develop an initial action plan
472—2-6.3*	IG 4-5 to 4-44	Implement an action plan at an emergency operation
472—3-2.1.6*	Unit 3	Identify at least 3 additional hazards; examples of hazards
472—3-2.3.9*	Unit 3	Nerve agents; vesicants; blood agents; choking agents; irritants; biological agents and toxins; identify the DOT hazard class and division
472—3-4.1.6	IG 5-4 to 5-9	Identify the items to be considered in a safety briefing
472—3-4.4.6	IG 4-44; 4-45	Describe procedures
472—4-2.2.2	Glossary B-5;B-7;B-8; B-1	Biological agents and toxins; Concentration; Corrosivity; Nerve agents; Specific Gravity; Viscosity; Volatility
472—4-3.5.6	IG 4-44; 4-45	Identify the procedures
472—5-3.4.3	IG 4-44; 4-45	Given the local ERP, identify which agency will perform the following: (v)
472—5-3.4.3	IG 2-11 to 2-28	Given the local ERP, identify which agency will perform the following: (a to s)
472—5-3.4.3	IG 4-18	(U) Provide command post security
472—5-6.1.1*	IG 5-3 to 5-9	Identify the appropriate steps to be taken to transfer command/control of the incident
472—A-2-2.1.13	IG 1-9;1-10;1-13 to 1-35	Identify types of locations; potential criminal or terrorist targets(examples: public assembly, public buildings, mass transit, etc.)
472—A-2-2.1.14	IG 3-3 to 3-27	Identify at least 4 indicators; examples of indicators
472—A-3-2.1.6	Unit 3	Identify at least 3 additional hazards; examples of hazards

**Course: Emergency Response To Terrorism: Tactical Considerations: EMS
March, 2000**

Standard	Reference	Remarks
1021—2-5.2	IG 3-6	Secure an incident scene
1021—2-6*	IG 2-6	Emergency Service Delivery. This duty involves supervising emergency operations
1021—2-6.1	IG 2-23	Develop a pre-incident plan
1021—2-6.2	IG 2-27	Develop an initial action plan
1021—2-6.3*	IG 2-23	Implement an action plan at an emergency operation
1021—2-7*	IG 2-23	Safety. This duty involves integrating safety plans, policies
472—2-4.2	IG 1-33	Initiating the Notification Process
472—3-2.2.6	IG 1-35	Identify the type of assistance provided by the federal defense authorities
472—3-2.2.6.1	IG 1-34	Identify the procedure for contacting the federal authorities
472—3-2.3.9*	IG 4-16; 4-63; 4-63; 4-69;	Nerve agents; vesicants; blood agents; choking agents; irritants; biological agents and toxins
472—3-3.4.5	IG 2-12	Describe the procedures such as those listed in the local ERP
472—3-4.1.6	IG 2-6	Hazardous materials incident; Hazardous materials incident involving criminal or terrorist activities
472—4-2.2.2	IG 4-16; 4-65; 4-71	Biological agents and toxins; vesicants
472—5-2.2.7	IG 4-23; 4-85	Nerve agents; vesicants; biological agents and toxins
472—5-2.2.7*	IG 4-23; 4-85; 1-14; 3-19	Nerve agents; vesicants; blood agents; choking agents; biological agents and toxins; irritants; unexplained vapor clouds; victims twitching
472—5-3.3.5	IG 2-20	Identify the limitations of military chemical/biological protective clothing
472—5-3.4.3	IG 3-15	Provide command post security
472—A-2-2.1.13	IG 1-14; IG 3-19; IG 4-80;	Public assembly,; Public buildings; Mass transit systems; Places with historical significance
472—A-2-2.1.14	IG 1-14; IG 3-19	Unexplained patterns; Unexplained irritation; Unexplained vapor clouds; Victims twitching
472—A-2-4.1.6	IG 2-6	Communicate the suspicion; Document the initial observation
472—A-3-2.1.6	IG 2-4; IG 3-5	Secondary events; Booby traps; Secondary contamination
472—A-3-2.3.9	IG 4-85; 4-23	DOT Hazard Class for Nerve agents; vesicants; blood agents; choking agents; irritants; biological agents and toxins

Course: Emergency Response To Terrorism: Tactical Considerations: Hazmat**Version Date Not Specific**

Standard	Reference	Remarks
1021—2-6.2	IG 2-12 to 2-16	Prerequisite Skills: analyze emergency scene conditions, allocate resources
472—3-3.4.5	IG 2-15	Describe the procedure listed
472—3-4.4.6	IG 2-6	Describe procedures
472—3-6.1	IG 2-5 to 2-17	Produce operational plans
472—4-2.1.1.7	IG 4-2 to 4-64	Nerve agents; vesicants; biological agents; irritants
472—4-2.1.3.4*	IG 4-8; 4-13; 4-15; 4-17; 4	Colorimetric tubes; passive dosimeter; photoionization detectors; pH indicators and/or pH meters; radiation detection instruments; test strips
472—4-2.1.3.5*	IG 4-8; 4-13; 4-15; 4-20	Colorimetric tubes; pH indicators and/or pH meters; radiation detection instruments; test strips
472—4-2.2.2	IG 3-12; 3-35; 3-36; 3-38	Biological agents and toxins; irritants; nerve agents; vesicants
472—4-2.3.1.4	IG 4-2 to 4-64	Liquid; solid; gas
472—4-3.3.1	IG 5-9 to 5-27	Identify four levels of PPE
472—4-3.3.2	IG 5-4 to 5-10	Identify the factors
472—4-3.3.2.1	IG 5-3 to 5-8	Air purifying respirators
472—4-3.5.6	IG 6-4 to 6-10	Identify the procedures
472—4-4.1.2	IG 7-3 to 7-26	Decontamination
472—5-3.3.5	IG 5-3 to 5-27	Identify the limitations
472—5-3.4.3	IG 2-5; 2-6; 2-7; 6-4; 6-5	Implement on-site; provide on-site; provide command post; provide crime scene; provide evidence collection
472—5-6.4.6	IG 6-10	Identify the procedures required
472—7-1.3 (b) 3	IG 5-3 to 5-27	Determine levels of PPE
472—7-3.1	IG 5-3 to 5-27	Selecting the level of PPE
472—7-3.2.3 (f)	IG 6-11	Coordinate branch control, containment, confinement
472—7-3.2.3 (l)	IG 6-12 to 6-16	Coordinate clean-up activities
472—A-2-2.1.13	IG 1-10; 1-13; 1-16; 1-19	Public assembly; public buildings
472—A-2-2.1.14	IG 1-11; 1-14; 1-16; 1-19	Presence of hazardous materials; intentional release; unexplained patterns; unexplained signs of irritation; victims twitching;
472—A-2-4.1.6	IG 1-10 to 1-21	Communicate the suspicion; isolate potential exposed; documents initial observation

472—A-3-2.1.6	IG 2-5	Secondary events; booby traps
472—A-3-2.3.9	IG 3-12; 3-34; 3-35; 3-36;	Nerve agents; vesicants; blood agents; choking agents; irritants; biological agents

**Course: Executive Development Book One
December, 1998 2nd Editi**

Standard	Reference	Remarks
1021—2-2.5*	SM & IG Unit 12	Prerequisite Skills: the ability to communicate verbally and in writing
1021—2-3.2	SM Unit 12	Written and verbal communication techniques
1021—2-4.1	SM Unit 12	Prerequisite Knowledge: Written and verbal communication
1021—2-4.2	SM Unit 12	Prerequisite Skills: ability to communicate verbally
1021—2-7.2	SM Unit 12	Prerequisite Skills: the ability to communicate verbally
1021—3-2.1	SM & IG Unit 4,7	Organizational behavior
1021—4-2.3	IG 31 & 33, Act. 2.2	Prerequisite Skills: To encourage professional development and to mentor members.
1021—5-2.1	IG & SM Unit 6	Local, state/provincial, and federal regulations
1021—5-2.2	IG & SM Unit 6	Local, state/provincial, and federal regulations
1021—5-2.3	IG & SM Unit 6	Appraise a member-assistance program
1021—5-4.1	IG & SM Unit 6	Prerequisite Skills: ability to communicate verbally
1021—5-4.2	IG & SM Unit 6	Prerequisite Skills: the ability to communicate verbally

Course: Executive Leadership
October, 2000

Standard	Reference	Remarks
1021—2-2.6	IG Units 6-14	Prerequisite Knowledge: Principles of supervision and basic human resource management.
1021—3-2.1	IG 3-11 to 3-19 Activities	Prerequisite Skills: To solve problems.
1021—3-2.1	IG 9-3 to - 9-9	Prerequisite Knowledge: Types of power.
1021—3-2.2	IG 6-13 to 6-17	Prerequisite Knowledge: Objectives of a member evaluation program.
1021—4-2.3	IG 6-13 to 6-21 Activity 6.	Prerequisite Skills: To encourage professional development and to mentor members.

Course: Executive Planning
February, 1995

Standard	Reference	Remarks
1021—3-2.1	IG 2-55 to 2-60	Group dynamics.
1021—5-4.1	IG 4-1 to 4-208	Develop a comprehensive long-range plan.

**Course: Executive Skills Series: Leading Diverse Communities Beyond Conflict
February, 2000**

Standard	Reference	Remarks
1021—2-1.1	Units 1, 2, 3	General Prerequisite Knowledge
1021—2-1.2	Units 6-8	General Prerequisite Skills
1021—2-2.3	Unit 6	Prerequisite Knowledge
1021—2-2.4	Unit 3	Prerequisite Knowledge
1021—2-2.6	Units 3, 5	Prerequisite Knowledge
1021—2-3	Units 1, 5, 6, 7, 8	projecting the role of the department to the public
1021—2-3.1	Units 2, 3, 4, 5	Prerequisite Knowledge
1021—2-3.1	Units 2, 3, 4	Prerequisite Skills
1021—2-3.2	Units 2, 3, 4, 5	Prerequisite Skills
1021—2-4.1	Unit 3	Prerequisite Skills
1021—2-4.1	Unit 5	Implement a new departmental policy at the unit level
1021—2-4.2	Units 2-5	Prerequisite Skills
1021—3-2.1	Unit 5	Prerequisite Skills: solve problems
1021—3-2.1	Units 1, 2, 5	Prerequisite Knowledge: problem identification, organizational behavior, group dynamics, leadership styles, types of power, and interpersonal dynamics
1021—3-3.1	Units 4, 5	Prerequisite Skills
1021—3-4	Units 6, 7, 8	Administration: changes
1021—3-4.1	Unit 1, 4	Prerequisite Knowledge
1021—3-4.1	Unit 5	Prerequisite Skills: solve problems
1021—4-1.1	Unit 1	General Prerequisite Skills. Current national and international trends and developments related to fire service organization
1021—4-2.1	Units 3, 4	Prerequisite Skills: to relate interpersonally
1021—4-2.4	Units 2, 3, 4, 5	Prerequisite Skills: to communicate verbally, and to counsel members
1021—4-2.4	Units 2, 3, 4, 5	Prerequisite Knowledge
1021—4-2.4	Units 2, 3, 4, 5	Prerequisite Knowledge
1021—4-3.1	Units 2, 3, 4, 5, 6, 7, 8	Prerequisite Knowledge: community demographics, resource availability and community needs
1021—4-3.1	Units 2, 3, 4, 5, 6, 7, 8	Prerequisite Skills

1021—4-3.1	Units 2, 3, 4, 5, 6, 7, 8	Prerequisite Skills
1021—5-3.1	Units 1-8	Prerequisite Knowledge
1021—5-3.1	Units 1-8	Prerequisite Skills
1021—5-3.1	Units 1-8	Attend, participate, and play a leadership role
1021—5-4.1	Units 2-5	Prerequisite Skills: ability to communicate verbally
1021—5-4.1	Units 2-5	Prerequisite Knowledge: demographics; community plan

Course: Executive Skills Series: Management and Leading Change
December, 1997

Standard	Reference	Remarks
1021—5-2	IG A11	Human Resource Management
1021—5-4.1	IG A11	Prerequisite Skills
1021—5-4.1	IG A11	Develop a comprehensive long-range plan

Course: Fire Cause Determination For Company Officers**Version Date Not Specific**

Standard	Reference	Remarks
1021—2-5.1	IG 5	Prerequisite Knowledge-policies and procedures for calling for investigators.
1021—2-5.1	IG 4	Prerequisite Knowledge-fire growth and development
1021—2-5.1	IG 4, 7, 8	Prerequisite Knowledge-Common causes of fire
1021—2-5.2	IG 2, 5, 6	Prerequisite Knowledge-evidence preservation
1021—2-5.2	IG 7, 8	Prerequisite Knowledge-Types of evidence
1021—2-5.2	IG 5, 13	Prerequisite Knowledge-importance of fire scene security
1021—3-5.2	IG 4, 6, 7, 8, 9, 13	Complete Prerequisite Knowledge
1033—3-2.1	IG 5	Requisite Knowledge-fire ground hazards
1033—3-2.1	IG 7, 8	Requisite Knowledge-types of evidence
1033—3-2.1	IG 2, 5, 6	Requisite Knowledge-evidence preservation
1033—3-2.1	IG 5, 13	Requisite Knowledge-importance of fire scene security
1033—3-2.2	IG 5	Requisite Knowledge-effects of fire suppression
1033—3-2.2	IG 2, 5, 6	Requisite Knowledge-evidence preservation methods
1033—3-2.2	IG 4	Requisite Knowledge-fire behavior and spread
1033—3-2.2	IG 6	Requisite Knowledge-burn patterns
1033—3-2.2	IG 3	Requisite Knowledge-Knowledge of the types of building construction and the effects of fire upon construction materials
1033—3-2.3	IG 4	Requisite Knowledge-fire behavior and spread
1033—3-2.3	IG 6	Requisite Knowledge-burn patterns
1033—3-2.3	IG 5	Requisite Knowledge-effects of fire prevention
1033—3-2.3	IG 8	Requisite Knowledge-relationship of contents to the overall investigation
1033—3-2.3	IG 3	Requisite Knowledge-Knowledge of the types of building construction and the effects of fire upon construction materials
1033—3-2.4	IG 4, 6	Requisite Knowledge-Knowledge of fire development and the interrelationship of heat release rate
1033—3-2.5	IG 5	Requisite Knowledge-fire suppression
1033—3-2.5	IG 3	Requisite Knowledge-building construction.
1033—3-2.6	IG 4, 7, 8	Requisite Knowledge-basic understanding of ignition processes; characteristics of ignition sources

1033—3-2.6

IG 8

Requisite Knowledge-ease of ignition of fuels

1033—3-4

IG 11

Requisite Knowledge-types of evidence associated with fire victims and evidence preservation methods

**Course: Fire Inspection Principles
November, 1994**

Standard	Reference	Remarks
1021—3-5.1	IG 5-5 to 5-74; IG 7-7 to 7	Prerequisite Knowledge: Inspection procedures; fire detection, alarm, and protection systems
1021—4-5.1	IG 2-6 to 2-12; IG 2-45 to	Prerequisite Knowledge: Fire behavior, program evaluation, building construction, inspection and incident reports
1031—3-2.1	IG 1-27 to 1-32	Requisite Skills: Ability to do code-related research and clearly express code requirements orally and written
1031—3-2.1	Mod 1 and 2	Prepare written correspondence to communicate fire protection and prevention practices
1031—3-2.2	Mod 1	Prepare inspection reports, given observations from a field inspection
1031—3-2.2	IG 2-79 to 2-81	Requisite Knowledge: Applicable codes and standards adopted by the jurisdiction and policies of the jurisdiction
1031—3-2.3	Mod 1, Enabling Objectiv	Recognize the need for a permit, given a situation or condition, so that requirements for permits are communicated
1031—3-2.3	IG 1-33 to 1-40	Requisite Knowledge: Permit policies of the jurisdiction and the rationale for the permit
1031—3-2.7*	Mod 2 Enabling Objective	Identify the applicable code or standard, given a fire protection, fire prevention, or life safety issue
1031—3-3.1	Mod 2, Enabling Objectiv	Identify the occupancy classification of a single-use occupancy, given a description of the occupancy and its use
1031—3-3.1	IG 2-65 to 2-81; IG 4-9 to	Requisite Knowledge: Occupancy classification types
1031—3-3.1	IG 2-65 to 2-81; IG 4-9 to	Requisite Knowledge: Occupancy classification types
1031—3-3.11	Mod 3, Enabling Objectiv	Inspect emergency access for a site, given field observations, so that the required access for emergency responders is maintained
1031—3-3.11	IG 3-5 to 3-22	Requisite Knowledge: Applicable codes and standards, the policies of the jurisdiction
1031—3-3.12*	IG 5-5 to 5-107	Requisite Knowledge: Classification, properties, labeling, storage, handling, and use of incidental amounts
1031—3-3.12*	Mod 5, Enabling Objectiv	Verify code compliance for incidental storage , handling, and use of flammable and combustible liquids and gases
1031—3-3.13*	Mod 5, Enabling Objectiv	Verify code compliance for incidental storage, handling, and use of hazardous materials
1031—3-3.13*	IG 5-5 to 5-107	Requisite Knowledge: Classification, properties, labeling, transportation, storage, handling, and use of hazardous materials
1031—3-3.14	Mod 2, Enabling Objectiv	Recognize a hazardous fire growth potential in a building or space
1031—3-3.14	IG 2-5 to 2-64	Requisite Knowledge: basic fire behavior, flame spread and smoke development ratings of content,

1031—3-3.2	Activity 4.2	Requisite Skills: Ability to mathematically calculate accurate occupant loads; identify occupancy factors
1031—3-3.2	Mod 4, Enabling Objectiv	Compute the allowable occupant load of a single-use occupancy or portion thereof
1031—3-3.2	IG 4-5 to 4-20	Requisite Knowledge: Occupancy classification types; applicable codes, regulations
1031—3-3.3*	IG 2-5 to 2-78; IG 4-5 to 4	Requisite Knowledge: Applicable codes and standards adopted by the jurisdiction related to means of egress elements
1031—3-3.3*	Mod 4, Enabling Objectiv	Inspect means of egress elements, given observations made during a field inspection of an existing building
1031—3-3.4*	Mod 4, Enabling Objectiv	Verify the type of construction for an addition or remodeling project
1031—3-3.4*	IG 2-33 to 2-64; IG 4-54 t	Requisite Knowledge: Applicable codes and standards adopted by the jurisdiction
1031—3-3.5*	Mod 7, Enabling Objectiv	Determine the operational readiness of existing fixed fire suppression systems
1031—3-3.5*	IG 7-7 to 7-51; IG 7-67 to	Requisite Knowledge: A basic understanding of the components and operation of fixed fire suppression systems
1031—3-3.6*	Mod 7, Enabling Objectiv	Determine the operational readiness of existing fire detection and alarm systems
1031—3-3.6*	IG 7-51 to 7-65	Requisite Knowledge: A basic understanding of the components and operation of fire detection and alarm systems
1031—3-3.7*	Mod 7, Enabling Objectiv	Determine the operational readiness of existing portable fire extinguishers
1031—3-3.7*	IG 7-71 to 7-73	Requisite Knowledge: A basic understanding of the portable fire extinguishers
1031—3-3.8*	Mod 5, Enabling Objectiv	Recognize hazardous conditions involving equipment, processes, and operations
1031—3-3.8*	IG 5-5 to 5-107; IG 6-5 to	Requisite Knowledge: Practices and techniques of code compliance inspections, fire behavior
1031—4-2.3	IG 1-33 to 1-40	Requisite Knowledge: Permit application process and applicable codes, standards, policies, and procedures of the jurisdiction
1031—4-4.1	IG 2-65 to 2-81; IG 4-9 to	Requisite Knowledge: Occupancy classification types, applicable codes and standards, regulations, operational features, and fire hazards presented by various occupancies
1031—4-4.2	IG 4-5 to 4-20	Requisite Knowledge: How to calculate occupant loads for an occupancy and building use, code requirements, regulations
1031—4-4.2	Activity 4.2	Requisite Skills: Ability to mathematically calculate accurate occupant loads; identify occupancy factors
1031—6-3.10	IG 6-5 to 6-98	Requisite Knowledge: Types, installation, maintenance, and use of building service equipment, installation of kitchen cooking equipment, laundry chutes
1031—6-3.2	IG 2-65 to 2-81; IG 4-9 to	Requisite Knowledge: Occupancy classification types; applicable codes and standards, regulations, operational features
1031—6-3.3	IG 2-33 to 2-64	Requisite Knowledge: Types of construction classification, fire-related construction components
1031—6-3.4	IG 4-5 to 4-20	Requisite Knowledge: Calculate occupant loads for an occupancy and for building use, code requirements, regulations, operational features, and fire hazards presented by various occupancies

**Course: Fire Prevention For First Responders and Small Departments
July, 2000**

Standard	Reference	Remarks
1021—2-2	IG 3-15	Non-emergency work periods
1021—2-2.2	IG 3-15	Prerequisite Skills
1021—2-2.2	IG 3-15	Prerequisite Knowledge
1021—2-2.2	IG 3-15	Assign tasks or responsibilities to unit members
1021—2-2.6	IG Unit 4	Prerequisite Knowledge
1021—2-2.6	IG 3-15	Prerequisite Skills
1021—2-2.6	IG 3-15	Coordinate the completion of assigned tasks and projects by members
1021—2-3.1	IG 3-15	Prerequisite Skills
1021—2-3.1	IG 4	Prerequisite Knowledge: Interpersonal relationships; verbal and nonverbal communication
1021—2-3.2	IG 4	Written and verbal communication techniques
1021—2-4.2	IG 2-15	Prerequisite Knowledge
1021—2-4.2	IG 2-15	Execute routine unit-level administrative functions
1021—2-4.2	IG 2-15	Prerequisite Skills
1021—4-3.1	IG 1-4	Prerequisite Skills
1021—4-3.1	IG 1-4	Prerequisite Knowledge
1021—4-3.1	IG 1-4	Prerequisite Knowledge
1021—4-3.1	IG 1-4	Prepare community awareness programs
1021—4-3.1	IG 1-4	Prerequisite Skills
1021—4-4.5	IG Unit 2	Prerequisite Skills
1021—4-4.5	IG Unit 2	Prerequisite Knowledge
1021—4-4.5	IG Unit 2	Analyze and interpret records and data...
1021—5-3.1	IG 1-4	Attend, participate, and play a leadership role
1021—5-3.1	IG 1-4	Prerequisite Knowledge
1035—2-2.1	IG 3-8	Document public fire and life safety educational activities
1035—2-2.1	IG 3-8	Requisite Skills
1035—2-2.1	IG 3-8	Requisite Knowledge

1035—2-2.3	IG 4-30	Requisite Skills
1035—2-2.3	IG 4-29	Requisite Knowledge
1035—2-3	IG 3-15	Requisite Skills
1035—2-3	IG 2-19; IG 3-4; IG 4-14 to	Requisite Knowledge
1035—2-3	IG 2-19; IG 3-4; IG 4-14 to	Requisite Knowledge
1035—3-3.5	All IG 4	Requisite Skills
1035—3-3.5	All IG 4	Requisite Skills

Course: Fire Service Communications
October, 1994

Standard	Reference	Remarks
1021—2-1.2	Units 1, 2, 8	General Prerequisite Skills
1021—2-2.1	Units 10, 11, 12, 13, 16	Assign task or responsibilities; Prerequisite Knowledge; Prerequisite Skills
1021—2-2.2	Units 10, 11, 12, 13, 16	Prerequisite Knowledge
1021—2-2.4	Units 5, 10, 11, 12, 13, 16	Prerequisite Skills
1021—2-2.5*	Units 1, 2, 8, 10, 11, 12, 1	Prerequisite Skills: the ability to communicate verbally and in writing
1021—2-2.5*	Units 5, 10, 11, 12, 13, 16	Apply human resource policies and procedures
1021—2-3.1	Unit 4	Initiate action to a citizen's concern, given policies and procedures
1021—2-3.1	Units 10, 11, 12, 13, 16	Prerequisite Knowledge
1021—2-3.1	Units 10, 11, 12, 13, 16	Prerequisite Skills
1021—2-3.2	Units 3, 4	Respond to public inquiry
1021—2-3.2	Unit 1, 2, 8, 10, 11, 12, 13	Prerequisite Knowledge
1021—2-3.2	Units 1, 2, 8, 13	Prerequisite Skills: to respond to public inquiries
1021—2-4	Unit 3	Administration
1021—2-4.1	Units 1, 2, 8, 10, 11, 12, 1	Prerequisite Knowledge
1021—2-4.1	Unit 1, 2, 8, 10, 11, 12, 13	Prerequisite Skills
1021—2-4.1	Unit 3	Implement a new departmental policy at the unit level
1021—2-4.2	Units 1, 2, 8, 10, 11, 12, 1	Prerequisite Skills
1021—2-4.2	Units 1, 2, 8	Prerequisite Knowledge
1021—2-4.2	Units 1, 2	Execute routine unit-level administrative functions so that the reports and logs are complete
1021—2-5.1	Unit 5	Evaluate available information, given a fire incident, observations; reports are completed
1021—2-5.1	Units 5, 8, 17	Prerequisite Skills: The ability to determine basic fire cause and write reports
1021—2-6.1	Units 1, 2, 8, 10, 11, 12, 1	Prerequisite Skills: The ability to write reports, and communicate verbally
1021—2-6.2	Units 10, 11, 12, 13	Prerequisite Skills: To communicate verbally
1021—2-7.1	Units 1, 2, 5, 6, 8, 10, 11,	Prerequisite Skills: To communicate verbally and in writing
1021—2-7.2	Units 5, 6	Conduct an incident report
1021—2-7.2	Units 1, 2, 5, 6, 8, 10, 11,	Prerequisite Skills

1021—3-2.1	Unit 5	Initiate action to maximize member performance and/or correct unacceptable performance
1021—3-2.1	Units 1, 2, 5, 8, 10, 11, 12	Prerequisite Skills: The ability to communicate verbally and in writing and to counsel members
1021—3-2.2	Units 1, 2, 5, 8, 10, 11, 12	Prerequisite Skills: The ability to communicate verbally and in writing
1021—3-3.1	Units 10, 11, 12, 13, 14, 1	Prerequisite Skills
1021—3-3.1	Units 10, 11, 12, 14, 15, 1	Deliver a Public Education Program
1021—3-4.1	Unit 4	Prerequisite Knowledge: Policies and procedures
1021—3-4.1	Units 1, 2, 4, 8	Prerequisite Skills: The ability to communicate in writing
1021—3-4.1	Units 4, 7	Prepare recommendations for changes to an existing policy or procedure
1021—3-4.2	Units 1, 2, 8	Prerequisite Skill
1021—3-4.3	Units 1, 2, 4, 8, 10, 11, 12	Prerequisite Skills
1021—3-4.3	Unit 4	Prepare a news release
1021—3-4.3	Unit 4	Prerequisite Knowledge
1021—3-4.4	Unit 5	Prepare a concise report for transmittal to a supervisor
1021—3-4.4	Units 1, 2, 8	Prerequisite Skills: The ability to communicate in writing
1021—3-5.1	Units 1, 2, 8	Prerequisite Skills: The ability to communicate in writing
1021—3-5.2	Units 1, 2, 8, 10, 11, 12, 1	Prerequisite Skills: The ability to communicate verbally and in writing
1021—3-6.1	Units 10, 11, 12, 13, 16	Produce operational plans
1021—3-6.1	Units 10, 11, 12, 13, 16	Prerequisite Skills: To communicate verbally
1021—3-7	Unit 6	Safety
1021—3-7.1	Units 5, 6, 8	Analyze a member's accident, injury, or health exposure history
1021—3-7.1	Units 1, 2, 5, 6, 8	Prerequisite Skills: The ability to communicate in writing
1021—3-7.1	Units 5, 6, 8	Analyze a member's accident, injury, or health exposure history
1021—4-1.2	Units 1-18	General Prerequisite Skills: To communicate verbally and in writing
1021—4-2.1	Units 1, 2, 10, 11, 12, 16	Establish personnel assignments
1021—4-2.1	Units 1, 2, 10, 11, 12, 16	Prerequisite Skills
1021—4-2.1	Units 1, 2, 10, 11, 12, 16	Prerequisite Skills
1021—4-2.2	Unit 3	Develop procedures for hiring members
1021—4-2.2	Units 1, 2, 8, 10, 11, 12, 1	Prerequisite Skills
1021—4-2.3	Units 1, 2, 8, 10, 11, 12, 1	Prerequisite Skills: The ability to communicate verbally and in writing
1021—4-2.3	Unit 3	Develop procedures for promoting members
1021—4-3.1	Unit 7	Prepare community awareness programs to enhance the quality of life...

1021—4-3.1	Units 1, 2, 8, 10, 11, 12, 1	Prerequisite Skills: The ability to communicate verbally and in writing
1021—4-4.1	Unit 7	Develop a budget
1021—4-4.3	Units 1, 2, 10, 11, 12, 16	Prerequisite Skills: The ability to communicate verbally and in writing
1021—4-4.3	Unit 7	Describe the process of soliciting and awarding bids
1021—4-4.4	Units 1, 2, 3, 8, 10, 11, 12	Prerequisite Skills: The ability to communicate verbally and in writing
1021—4-4.4	Unit 3	Direct the development, maintenance, and evaluation of a department record-keeping system
1021—4-4.5	Units 1, 2, 3, 8, 10, 11, 12	Prerequisite Skills: The ability to communicate verbally and in writing
1021—4-4.5	Unit 3	Recommend improvements
1021—4-4.6	Units 1, 2, 8, 10, 11, 12, 1	Prerequisite Skills: The ability to communicate verbally and in writing
1021—4-4.6	Unit 7	Develop a model plan
1021—4-5.2	Unit 7	Develop a plan
1021—4-5.2	Units 1, 2, 8, 10, 11, 12, 1	Prerequisite Skill: Communicate verbally and in writing, and to organize
1021—4-7.1	Unit 7	Develop a measurable accident and injury prevention program
1021—4-7.1	Units 1, 2, 8, 10, 11, 12, 1	Prerequisite Skills: Communicate in writing
1021—5-3.1	Units 4, 10, 11, 12, 16	Attend, participate, and play a leadership role in given community events
1021—5-3.1	Units 4, 10, 11, 12, 16	Prerequisite Skills: Communicate verbally and familiarity with public relations
1033—3-2.2	SM 4-4	Requisite Skills: interpret burn patterns
1033—3-2.2	SM 10-5	Requisite Knowledge: effects of fire suppression
1033—3-2.2	SM 2	Requisite Knowledge: fire behavior and spread
1033—3-2.2	SM 4-4	Requisite Knowledge: burn patterns
1033—3-2.2	SM 10-8	Requisite Skills: observe the damage and effects of the fire
1033—3-2.2	SM 11-6	Requisite Knowledge: types of evidence commonly found
1033—3-2.2	SM 11-3	Requisite Knowledge: evidence preservation methods
1033—3-2.2	SM 3-5	Requisite Knowledge: Knowledge of the types of building construction
1033—3-2.2	SM 10-5, 8	Requisite Skills: assess fire ground and structural condition
1033—3-2.3	SM 10, 16	Requisite Skills: observe the damage and effects of the fire
1033—3-2.3	SM 10-8, 3	Requisite Skills: Assess structural conditions
1033—3-2.3	SM 4	Requisite Knowledge: effects of building contents on fire growth
1033—3-2.3	SM 4	Requisite Knowledge: the relationship of contents to the overall investigation
1033—3-2.3	SM 10-13	Conduct an interior survey
1033—3-2.3	SM 3	Requisite Knowledge: Knowledge of the types of building construction

1033—3-2.3	SM 10-5	Requisite Knowledge: effects of fire suppression
1033—3-2.3	SM 2	Requisite Knowledge: fire behavior and spread
1033—3-2.3	SM 11-3	Requisite Knowledge: evidence preservation methods
1033—3-2.3	SM 4-4	Requisite Knowledge: burn patterns
1035—2-2.2*	Units 1, 2, 3, 5	Prepare written activity reports
1035—2-4.3*	Unit 10, 11, 12, 13, 14, 15	Present a lesson, given a lesson plan with multiple presentation methods
1035—2-4.3*	Unit 10, 11, 12, 13, 14, 15	Requisite Skills: Implement lesson plans with identified learning objectives....
1035—2-4.4	Unit 1, 2, 4	Requisite Knowledge: Publicity methods, local media resources, policies regarding dissemination of information
1035—2-4.4	Unit 1, 2, 4	Requisite Skills: Distribute information
1035—2-4.4	Unit 1, 2, 4	Notify the public
1035—5-1.2	Units 1-17	General requisite Skills
1035—5-2.1	Unit 17	Requisite Skills: Demonstrate interview techniques
1035—5-2.1	Unit 4	Conduct media interviews
1035—5-2.4*	Units 1, 2, 3, 4, 8, 17	Write news releases
1035—5-2.5*	Units 1, 2, 3, 4, 8, 17	Write a media advisory, given information to be disseminated
1035—5-2.5*	Units 1, 2, 3, 4, 8, 17	Requisite Skills: Compose information in accordance with media source specifications
1035—5-2.6	Unit 18	Disseminate information to the media
1035—5-2.7	Unit 18	Disseminate information to organizational personnel
1035—5-2.8	Unit 18	Requisite Skills
1035—5-2.8	Unit 18	Requisite Knowledge
1035—5-2.8	Unit 18	Coordinate a press conference for local media
1041—2-2.3	Units 1, 2, 5, 6, 8	Prepare training records and report forms so that required reports are accurately completed and submitted
1041—2-2.3.2	Units 1, 2, 5, 6, 8	Prerequisite Skills: Basic report writing
1041—2-4.3	Units 10, 11, 12, 13, 14, 1	Present prepared lessons, presentation method(s), so that the method(s), indicated in the plan are used and the stated objectives or learning outcomes are achieved.
1041—2-4.3.2	Units 10, 11, 12, 13, 14, 1	Oral communication techniques, teaching methods and techniques, utilization of lesson plans in the instructional setting
1041—3-3.2	Units 1, 2, 3, 11, 12, 13, 1	Create a lesson plan, given a topic, audience characteristics, and a standard lesson plan format
1041—3-3.2.2	Units 1, 2, 3, 11, 12, 13, 1	Develop behavioral objectives, student needs assessment

**Course: Fire Service Course Design
May, 2001**

Standard	Reference	Remarks
1035—2-4.1	IG Unit 7	Assess instructional materials, locate instructional materials.
1035—2-4.3	IG Units 7 & 8	Prerequisite Skills: Demonstrate presentation methods and use audiovisual equipment and materials.
1035—2-4.3	IG Unit 5	Prerequisite Knowledge: Lesson content and presentation methods.
1035—2-4.6	IG Unit 6	Administer an evaluation instrument.
1035—2-4.6	IG Unit 6	Prerequisite Knowledge: Evaluation instruments, learning objectives, testing policies and procedures.
1035—2-4.6	IG Unit 6	Prerequisite Skills: Apply testing policies and procedures.
1041—2-2.2	IG Units 5 & 7	Assemble course materials.
1041—2-3.1	IG Unit 7	Review & adapt prepared instructional materials.
1041—2-3.2	IG Units 5, 7, & 8	Review instructional materials.
1041—2-3.2.1	IG Unit 7	Prerequisite Knowledge: Methods of instruction.
1041—2-3.3.1	IG Units 5 & 7	Prerequisite Knowledge: Elements of a lesson plan, selection of instructional aids and methods.
1041—2-4.2.1	IG Units 7 & 8	Prerequisite Knowledge: Classroom management and safety, advantages and limitations of audiovisual equipment and teaching aids, classroom arrangement, and methods and techniques of instruction.
1041—2-4.2.2	IG Unit 8	Prerequisite Skills: Use of instructional media and materials.
1041—2-4.3.1	IG Unit 7	Prerequisite Knowledge: Teaching methods and techniques.
1041—2-4.3.2	IG Unit 7	Prerequisite Skills: Teaching methods and techniques.
1041—2-4.6	IG Unit 8	Operate audiovisual equipment.
1041—2-4.6.1	IG Unit 8	Prerequisite Knowledge: Components of audiovisual equipment.
1041—2-4.6.2	IG Unit 8	Prerequisite Skills: Use of audiovisual equipment, cleaning, and field level maintenance.
1041—2-4.7	IG Unit 8	Utilize audiovisual materials.
1041—2-4.7.1	IG Unit 8	Prerequisite Knowledge: Media types, limitations, and selection criteria.
1041—2-4.7.2	IG Unit 8	Prerequisite Skills: Transition techniques within and between the media.
1041—2-5.2	IG Unit 6	Administer oral, written, and performance tests.
1041—2-5.2.1	IG Unit 6	Prerequisite Knowledge: Test administration, agency policies, laws affecting records and disclosure of training information, purposes of evaluation and testing, and performance Skills evaluation.
1041—2-5.2.2	IG Unit 6	Prerequisite Skills: Use of Skills checklists and oral questioning techniques.
1041—3-2.6.1	IG Unit 7	Prerequisite Knowledge: Effective instructional methods and techniques.

1041—3-2.6.2	IG Unit 6	Prerequisite Skills: Completion of evaluation forms.
1041—3-3.2	IG Units 4, 5, 6, 8, & 9	Create a lesson plan.
1041—3-3.3	IG Units 4, 5, 6, 8, & 9	Modify an existing lesson plan.
1041—3-4.2.1	IG Unit 7	Prerequisite Knowledge: Use and limitations of teaching methods and techniques.
1041—3-4.2.2	IG Unit 7	Prerequisite Skills: Transition between different teaching methods, conference, and discussion leadership.
1041—3-5.2	IG Unit 6	Develop student evaluation instruments.
1041—3-5.2.1	IG Unit 6	Prerequisite Knowledge: Evaluation methods, development of forms, effective instructional methods, and techniques.
1041—3-5.2.2	IG Unit 6	Prerequisite Skills: Evaluation item construction and assembly of evaluation instruments.
1041—3-5.3	IG Unit 6	Develop a class evaluation instrument.
1041—3-5.3.2	IG Unit 6	Prerequisite Skills: Development of evaluation forms.
1041—3-5.4	IG Unit 6	Analyze student evaluation instruments.
1041—3-5.4.1	IG Unit 6	Prerequisite Knowledge: Test validity, reliability, and item analysis.
1041—3-5.4.2	IG Unit 6	Prerequisite Skills: Item analysis techniques.
1041—3-5.3.1	IG Unit 6	Prerequisite Knowledge: Evaluation methods, test validity.
1041—4-3.2	IG Unit 2	Conduct an agency analysis.
1041—4-3.2.1	IG Units 2, 3, 5, 6, 7, & 8.	Prerequisite Knowledge: Needs analysis, task analysis, lesson planning, instructional methods, instructional media, and development of evaluation instruments.
1041—4-3.2.2	IG Units 2 & 3	Prerequisite Skills: Needs and task analysis.
1041—4-3.4.2	IG Unit 9	Prerequisite Skills: Selecting course reference material.
1041—4-3.5	IG Unit 4	Write program and course goals.
1041—4-3.5.1	IG Unit 4	Prerequisite Knowledge: Components and characteristics of goals.
1041—4-3.5.2	IG Unit 4	Prerequisite Skills: Writing goal statements.
1041—4-3.6	IG Unit 4	Write course objectives.
1041—4-3.6.1	IG Unit 4	Prerequisite Knowledge: Components of objectives.
1041—4-3.6.2	IG Unit 4	Prerequisite Skills: Writing course objectives.
1041—4-3.7	IG Units 5 & 7	Construct a course content outline.
1041—4-5.4	IG Unit 6	Course components.
1041—4-5.4.1	IG Unit 6	Evaluation methods.
1041—4-5.4.2	IG unit 6	Construction of evaluation instruments.

**Course: Fire Service Financial Management
June, 1997**

Standard	Reference	Remarks
1021—3-4.2	IG 3-1 to 3-48	Prerequisite Skills: The ability to communicate in writing
1021—3-4.2	IG 2-14 to 2-16	Prerequisite Knowledge: Policies and procedures and the revenue sources and budget process
1021—4-4	Unit 4	Administration. Planning for resource allocation
1021—4-4.1	IG 2-5 to 2-11	Prerequisite Knowledge: Appropriate budgeting system
1021—4-4.1	IG 8-5 to 8-21	Prerequisite Knowledge: New equipment, apparatus maintenance, and personnel costs
1021—4-4.1	IG 4-11 to 4-36; Unit 6	Develop a budget, given schedules and guidelines concerning its preparation, so that capital, operating, and personnel costs are determined and justified
1021—4-4.1	IG 3-1 to 3-48	Prerequisite Skills: To communicate verbally and in writing
1021—4-4.2*	IG 4-42 to 4-44	Develop a budget management system
1021—4-4.2*	IG 3-1 to 3-48	Prerequisite Skills: To communicate verbally and in writing
1021—4-4.2*	IG 2-14 to 2-16	Prerequisite Knowledge: Anticipated revenue
1021—4-4.3	IG 3-1 to 3-48	Prerequisite Skills: To communicate verbally and in writing
1021—5-4.1	IG 3-1 to 3-48; IG 6-1 to 6	Develop a comprehensive long-range plan
1021—5-4.1	IG 3-1 to 3-48	Prerequisite Skills: The ability to communicate in writing
1021—5-4.1	IG 6-1 to 6-93	Prerequisite Skills: Familiarity with fiscal analysis, public policy processes, forecasting, and analyzing

Course: Fire Service Planning Concepts For the Twenty-First Century
January, 1997

Standard	Reference	Remarks
1021—5-4.1	IG 2-17 to 2-20, 4-1 to 4-3	Develop a comprehensive long-range plan.
1021—5-4.1	IG 4-1 to 4-33, 5-1 to 5-18	Prerequisite Knowledge: Policies & procedures; physical & geographical characteristics; demographics; community plan; staffing requirements; response time benchmarks; contractual agreements; & local, state/provincial, & federal regulations.

Course: Fire/Arson Investigation
March, 2000

Standard	Reference	Remarks
1021—2-5.1	SM 4, 5, 6, 16	Prerequisite Skills: the ability to determine basic fire cause
1021—2-5.1	FAI	Evaluate available information
1021—2-5.1	SM 14, 15	Prerequisite Skills: the ability to conduct interviews and write reports
1021—2-5.1	SM 5,6	Prerequisite Knowledge: Common causes of fire
1021—2-5.1	SM 2	Prerequisite Knowledge: fire growth and development
1021—2-5.2	SM 10	Secure an incident scene
1021—2-5.2	SM 11-3	Prerequisite Knowledge: evidence preservation
1021—2-5.2	SM 10	Prerequisite Skills
1021—2-5.2	SM 10-11	Prerequisite Knowledge: importance of fire scene security
1021—2-5.2	SM 11-6	Prerequisite Knowledge: types of evidence
1021—3-5.2	SM 10, 14	Prerequisite Skills: The ability to communicate verbally and in writing
1021—3-5.2	SM 12	Prerequisite Knowledge: methods used by arsonists
1021—3-5.2	SM 5, 6	Prerequisite Knowledge: common causes of fire
1021—3-5.2	SM 4, 5, 6	Prerequisite Knowledge: basic cause and origin determination
1021—3-5.2	SM 12	Prerequisite Knowledge: methods used by arsonists
1021—3-5.2	SM 10	Prerequisite Knowledge: documentation of preliminary fire investigative procedures
1021—3-5.2	SM 14	Prerequisite Skills: To apply Knowledge using deductive Skills
1021—3-5.2	FAI 4	Determine the point of origin and preliminary cause of a fire
1021—3-5.2	SM 2	Prerequisite Knowledge: fire growth and development
1033—3-2.1	SM 11-6	Requisite Knowledge: types of evidence
1033—3-2.1	SM 10-11	Secure the fire ground
1033—3-2.1	SM 10-11	Requisite Knowledge: importance of fire scene security
1033—3-2.1	SM 11-3	Requisite Knowledge: evidence preservation
1033—3-2.1	SM 10-4	Requisite Knowledge: fire ground hazards
1033—3-2.2	SM 10-13	Conduct an exterior survey
1033—3-2.3	SM 10, 4, 16	Requisite Skills: evaluate protected areas to determine the presence and/or absence of contents

1033—3-2.3	SM 10, 4, 16	Requisite Skills: discover the impact of fire suppression efforts on fire flow and heat propagation
1033—3-2.4	SM 4, 2	Interpret burn patterns
1033—3-2.4	SM 4, 2	Requisite Knowledge: Knowledge of fire development and the interrelationship of heat release rate
1033—3-2.4	SM 4, 16	Requisite Skills
1033—3-2.4	SM 2	Requisite Knowledge: form
1033—3-2.4	SM 4, 2	Requisite Knowledge: ignitibility of materials
1033—3-2.5	SM 4, 2, 16	Requisite Skills: ignitibility
1033—3-2.5	SM 4	Correlate burn patterns
1033—3-2.5	SM 10-5	Requisite Knowledge: fire suppression effects
1033—3-2.5	SM 3	Requisite Knowledge: building construction
1033—3-2.5	SM 2, 16	Requisite Skills: form
1033—3-2.5	SM 4, 2, 16	Requisite Skills: distinguish impact of different types of fuel loads
1033—3-2.5	SM 4, 2, 16	Requisite Skills: evaluate fuel trails
1033—3-2.5	SM 16	Requisite Skills: analyze and synthesize information
1033—3-2.5	SM 2	Requisite Knowledge: Knowledge of fire behavior and spread based on fire chemistry and physics
1033—3-2.5	SM 4, 2, 16	Requisite Skills: Interpret variations of burn patterns on different materials with considerations given to heat release rate
1033—3-2.6	SM 11	Requisite Skills: collect and preserve evidence.
1033—3-2.6	SM 11	Requisite Knowledge: types of fire cause evidence commonly found in various degrees of damage
1033—3-2.6	SM 10	Requisite Skills: use search techniques that incorporate documentation
1033—3-2.6	SM 11	Requisite Knowledge: evidence-gathering methods and documentation
1033—3-2.6	SM 2	Requisite Knowledge: ease of ignition of fuels
1033—3-2.6	SM 10	Requisite Knowledge: debris-layering techniques
1033—3-2.6	SM 2	Requisite Knowledge: characteristics of ignition sources
1033—3-2.6	SM 2	Requisite Knowledge: basic understanding of ignition processes
1033—3-2.6	SM 10	Requisite Knowledge: use of tools and equipment during the debris search
1033—3-2.6	SM 11	Examine and remove fire debris
1033—3-2.6	SM 10	Requisite Skills: employ search techniques that further the discovery of fire cause evidence and ignition sources
1033—3-2.7	10 IG	Requisite Skills: return materials to their original position using protected areas and burn patterns
1033—3-2.7	10, 2, 3, 4 IG	Requisite Skills: identify and distinguish among different types of fire-damaged contents

1033—3-2.7	10, 2, 3, 4 IG	Requisite Skills: examine all materials to determine the effects of fire
1033—3-2.7	SM 10	Requisite Knowledge: the importance and uses of reconstruction
1033—3-2.7	SM 2, 3, 4	Requisite Knowledge: Knowledge of the effects of fire on different types of material
1033—3-2.7	SM 10-14	Reconstruct the area of origin
1033—3-2.8*	SM 3	Requisite Knowledge: different types of detection
1033—3-2.8*	SM 5	Requisite Knowledge: types of expert resources for building systems
1033—3-2.8*	SM 3	Requisite Knowledge: the impact of fire on various systems
1033—3-2.8*	SM 3	Requisite Knowledge: common methods used to defeat a system's functional capability
1033—3-2.8*	SM 3	Requisite Skills: determine the systems operation and its effect on fire
1033—3-2.8*	SM 3	Requisite Skills: identify alterations to building systems
1033—3-2.8*	SM 3	Requisite Skills: evaluate the impact of suppression efforts on building systems
1033—3-2.8*	SM 3	Requisite Knowledge: building compartmentation such as fire walls, and fire doors
1033—3-2.8*	SM 3	Requisite Knowledge: suppression
1033—3-2.8*	SM 3	Requisite Knowledge: utility
1033—3-2.8*	SM 3, 5	Inspect the performance of building systems
1033—3-2.9	SM 7	Discriminate the effects of explosions
1033—3-2.9	SM 7	Requisite Skills: analyze damage to document the blast zone and origin
1033—3-2.9	SM 7, 4	Requisite Skills: identify explosive effects on glass, walls, foundations, and other building materials
1033—3-2.9	SM 7	Requisite Knowledge: characteristics of an explosion
1033—3-2.9	SM 7	Requisite Knowledge: different types of explosions and their causes
1033—3-2.9	SM 7-11	Requisite Knowledge: the difference between low- and high-order explosions
1033—3-2.9	SM 7	Requisite Skills: distinguish between low- and high-order explosion effects
1033—3-3.1	SM 10	Requisite Skills: evidence recognition and observational Skills
1033—3-3.1	SM 10	Requisite Knowledge: commonly used symbols and legends that clarify the diagram
1033—3-3.1	SM 10	Requisite Knowledge: formats for diagramming the scene
1033—3-3.1	SM 10, 14	Diagram the scene
1033—3-3.1	SM 10	Requisite Skills: ability to sketch the scene
1033—3-3.1	SM 10	Requisite Knowledge: types of evidence and patterns that need to be documented
1033—3-3.2*	SM 10	Photographically document the scene
1033—3-3.3	SM 10, 14	Construct investigative notes
1033—3-3.3	14 IG	Requisite Skills: data-reduction Skills

1033—3-3.3	SM 10, 14, 13	Requisite Knowledge: use of notes during report writing and legal proceedings
1033—3-3.3	14 IG	Requisite Skills: note-taking Skills
1033—3-3.3	SM 10, 14	Requisite Knowledge: relationship between notes, diagrams, and photos
1033—3-3.3	SM 10, 14	Requisite Knowledge: how to reduce scene information into concise notes
1033—3-3.3	14 IG	Requisite Skills: observational and correlating Skills
1033—3-4	SM 11	Requisite Knowledge: evidence preservation methods
1033—3-4	SM 9	Evidence Collection/Preservation. Utilize proper procedures for managing victims and fatalities
1033—3-4	SM 9	Requisite Knowledge: types of evidence associated with fire victims and fatalities
1033—3-4.2	SM 11, 16	Locate, collect, and package evidence
1033—3-4.2	11 IG	Requisite Skills: Ability to recognize different types of evidence
1033—3-4.2	SM 11	Requisite Knowledge: types of evidence
1033—3-4.2	SM 11	Requisite Knowledge: impact of evidence collection on the investigation
1033—3-4.2	SM 11	Requisite Knowledge: packaging techniques and materials
1033—3-4.2	11 -Appendix A	Requisite Knowledge: types, capabilities, and limitations of standard and special tools used to locate evidence
1033—3-4.2	11 IG	Requisite Skills: determine evidence critical to the investigation
1033—3-4.3	SM 11	Requisite Knowledge: purposes for submitting samples
1033—3-4.3	SM 11	Requisite Knowledge: purposes for submitting samples
1033—3-4.3	SM 11	Requisite Skills: Evaluate the fire incident to determine forensic, engineering, or laboratory needs
1033—3-4.3	SM 11, 6	Select appropriate evidence for analysis
1033—3-4.4	SM 10, 11	Maintain a chain of custody
1033—3-4.4	SM 10	Requisite Knowledge: rules of custody and transfer procedure
1033—3-4.4	SM 11	Requisite Knowledge: types of evidence
1033—3-4.4	SM 10	Requisite Knowledge: methods of recording the chain of custody
1033—3-5.1	SM 15	Requisite Skills: evaluation of existing file data to help develop questions and fill investigative gaps
1033—3-5.1	SM 15	Develop an interview plan
1033—3-5.1	SM 5, 6, 7, 8, 9, 10, 15	Requisite Knowledge: persons who can provide information that furthers the fire cause determination or the affixing of responsibility
1033—3-5.1	SM 15	Requisite Skills: development of focused questions for specific individuals
1033—3-5.1	SM 15	Requisite Skills: planning Skills

1033—3-5.1	SM 15	Requisite Knowledge: types of questions that are pertinent and efficient to ask of different information sources
1033—3-5.1	SM 15	Requisite Knowledge: pros and cons of interview versus document gathering
1033—3-5.2	SM 15	Requisite Skills: exhibit strong listening Skills
1033—3-5.2	SM 15	Requisite Knowledge: documenting methods and tools
1033—3-5.2	SM 15	Requisite Knowledge: types of nonverbal communications and their meaning
1033—3-5.2	SM 15	Requisite Knowledge: personal information needed for proper documentation or follow-up
1033—3-5.2	SM 15	Requisite Skills: adjust interviewing strategies based on deductive reasoning
1033—3-5.2	SM 15	Requisite Knowledge: Knowledge of types of interview
1033—3-5.2	SM 15	Requisite Skills: interpret verbal and nonverbal communications
1033—3-5.3	SM 15	Requisite Skills: ability to evaluate source information
1033—3-5.3	SM 14-8	Requisite Skills: data correlating Skills
1033—3-5.3	SM 15	Requisite Knowledge: types of interviews
1033—3-5.3	SM 15	Evaluate interview information
1033—3-5.3	SM 14-8	Requisite Knowledge: data correlating methods
1033—3-5.3	SM 14-8	Requisite Knowledge: report evaluation methods
1033—3-6.1	SM 14	Requisite Knowledge: types of reports needed that facilitate determining responsibility for the fire
1033—3-6.1	SM 14, 10	Requisite Skills: implementing the chain of custody
1033—3-6.1	SM 14	Requisite Skills: identify the proper reports and documents necessary for the investigation
1033—3-6.1	SM 14	Gather reports and records
1033—3-6.1	SM 14	Requisite Knowledge: location of these reports
1033—3-6.1	SM 14-8	Requisite Skills: organizational Skills
1033—3-6.2	SM 14	Requisite Knowledge: proper and acceptable documentation
1033—3-6.2	SM 14	Requisite Skills: correlation Skills and organizational Skills
1033—3-6.2	SM 14	Requisite Skills: information assessment
1033—3-6.2	SM 14	Evaluate the investigative file
1033—3-6.2	SM 14	Requisite Knowledge: proper contents of investigative findings and gathered documentation
1033—3-6.2	SM 14	Requisite Knowledge: file assessment and/or evaluation methods
1033—3-6.3	SM 13, 14	Requisite Skills: recognize the value of expert resources to further the investigation
1033—3-6.3	SM 13	Coordinate expert resources
1033—3-6.3	SM 4, 5, 6, 7, 10, 11, 13	Requisite Knowledge: types of expert resources

1033—3-6.3	SM 14	Requisite Knowledge: Knowledge of the investigator's own expertise, qualifications needed for expert testimony
1033—3-6.4	SM 14	Requisite Skills: records gathering and analysis
1033—3-6.4	SM 14	Requisite Skills: financial analysis
1033—3-6.4	SM 12	Requisite Knowledge: understanding human behavioral patterns relative to fire settings
1033—3-6.4	SM 14, 15, 12	Requisite Skills: interpreting fire scene information and evidence for relationship to motive and/or opportunity
1033—3-6.4	SM 15	Requisite Skills: interviewing
1033—3-6.4	SM 12	Requisite Knowledge: types of motives common to incendiary fire investigation
1033—3-6.4	SM 12	Establish evidence as to motive and/or opportunity
1033—3-6.5	SM 14	Formulate an opinion of the person(s) and/or product(s) responsible for the fire
1033—3-6.5	SM 14-8	Requisite Knowledge
1033—3-7.1	SM 15, 16	Prepare a written investigation report
1033—3-7.1	SM 15	Requisite Knowledge: typical components of a written report
1033—3-7.1	SM 15	Requisite Knowledge: elements of writing
1033—3-7.1	SM 15	Requisite Knowledge: types of audiences and their respective needs
1033—3-7.2	SM 15	Requisite Knowledge: impact of releasing information
1033—3-7.2	SM 14	Requisite Skills: ability to correlate findings
1033—3-7.2	SM 16, 15	Express investigative findings verbally
1033—3-7.2	SM 15	Requisite Knowledge: informational needs of various types of audiences
1033—3-7.2	SM 15, 16	Requisite Skills: Communication Skills
1033—3-7.2	SM 5, 6, 10, 15	Requisite Knowledge: types of investigative findings
1033—3-7.2	SM 15	Requisite Skills: ability to determine audience needs
1033—3-7.3	SM 13	Requisite Knowledge: understanding of the types of legal proceedings
1033—3-7.3	SM 5, 6, 10, 15	Requisite Knowledge: types of investigative findings
1033—3-7.3	SM 15, 10	Requisite Skills: Communication and listening Skills
1033—3-7.4	SM 15, 16	Conduct public informational presentations
1033—3-7.4	SM 15, 16	Conduct public informational presentations

Course: Hazardous Materials: Incident Management
February, 1999

Standard	Reference	Remarks
1021—3-6	IG 2-33	Emergency Service Delivery
1021—3-6.1	IG 2-49	Produce operational plans
1021—7-4.1	IG 2-49	Implementing the Incident Management System
472—5-1.3*	IG 203; 2-112; 2-113	Goal. (e) Transfer command; conduct an incident debriefing; conduct a multi-agency critique
472—5-3.4.1	IG 2-42	Identify the steps for developing a plan of action
472—5-4.1.2	IG 2-49 to 2-61	Nerve agents; vesicants; blood agents; choking agents; irritants; biological agents
472—5-4.1.3	IG 1-35 to 1-71	Identify the steps for implementing
472—5-4.1.4	IG 1-36	Given the local emergency response planning documents
472—5-4.1.6	IG 1-63; 1-64	Identify the primary local, state, regional, and federal government agencies
472—5-4.1.7	IG 1-66	Identify the government agencies and private sector resources
472—5-4.3.1	IG 2-47	Identify the local policy
472—5-4.3.2	IG 2-47	Identify the responsibilities of the public information officer
472—5-6.2.1	IG 2-110	Describe three components of an effective debriefing
472—5-6.2.2	IG 2-111 to 216	Describe the key topics in an effective debriefing
472—5-6.2.3	IG 2-111	Describe when a debriefing should take place.
472—5-6.2.4	IG 2-111	Describe who would be involved in a debriefing
472—5-6.2.4	IG 2-110	Identify the procedures
472—5-6.3	IG 2-212	Conducting a Multi-Agency Critique
472—5-6.3.1	IG 2-214	Describe three components of an effective critique
472—5-6.3.2	IG 2-213	Describe who should be involved in a critique
472—5-6.3.3	IG 2-215	Describe why an effective critique is necessary
472—5-6.3.4	IG 2-214	Describe what written documents should be prepared
472—5-6.3.5	IG 2-210	Implement the procedure
472—5-6.4	IG 2-210	Reporting and Documenting the Hazardous Materials Incident
472—5-6.4.1	IG 2-210	Identify the reporting requirements
472—5-6.4.2	IG 2-211	Identify the importance of documentation for a hazardous materials incident

472—5-6.4.3	IG 2-210	Identify the steps in keeping an activity log
472—5-6.4.4	IG 2-210	Identify the requirements for compiling hazardous materials incident reports
472—5-6.4.5	IG 2-210	Identify the requirements for filing documents and maintaining records
472—7-4.1.4	IG 2-49 to 2-61	Identify the elements of the incident management system
472—7-4.3.2	IG 2-47	Identify the responsibilities of the public information officer
472—8-1.3	IG 2-49; 2-50; 2-51	Goal. Identify the safety precautions; provide recommendation; assist in the development; review the selection; perform the duties; identify safety considerations; conduct safety briefings

Course: Hazardous Materials: Operating Site Practices
February, 1999

Standard	Reference	Remarks
472—5-1.3* a. 1.	IG 2-1-3 to 2-1-7	Collect and interpret hazard and response information from printed resources, technical resources, computer data bases, and monitoring equipment
472—5-1.3* a. 2.	IG 2-2-3 to 2-2-39	Estimate the potential outcomes within the endangered area at a hazardous material incident
472—5-1.3* a. 4.	Unit 3	Develop a plan of action...
472—5-2.1	IG 2-1-3 to 2-1-7; IG 2-4-5	Collecting and Interpreting Hazard and Response Information.
472—5-2.2	IG 2-1-3 to 2-1-7; IG 2-3-3	Estimating Potential Outcomes
472—5-2.2.1	IG 2-3-3 to 2-3-25	Identify the steps for estimating the number of exposures within the endangered area
472—5-3.1	IG Unit 4; IG Unit 5	Identifying Response Objectives
472—5-3.2	IG Unit 4; IG Unit 5	Identifying the Potential Action Options
472—5-3.3.3	Unit 5	Describe 3 safety considerations for personnel wearing vapor-protective, liquid splash-protective, and high temperature-protective clothing
472—5-3.4	Unit 6	Given simulated facility and transportation hazardous material incidents, the IC shall develop a plan of action...
472—5-3.4.1	Unit 6	Identify the steps for developing a plan of action
472—5-3.4.2	IG 5-4 to 5-42	Identify the factors to be evaluated in selecting public protective actions including evacuation and sheltering in-place
472—5-3.4.3	Unit 5	Given the local emergency response plan...
472—5-3.4.3 (h)	IG 5-4 to 5-42	Provide resources for public safety protective action
472—5-3.4.3 (i)	Unit 5-Module 7; IG 5-4-4	Provide fire suppression services when appropriate
472—5-3.4.3 (l)	Unit 5	Provide public information (news media statements)
472—5-3.4.3 (m)	Unit 5	Provide on-scene communications support
472—5-3.4.3 (p)	Unit 5- Modules 5 and 6	Provide technician-level hazard mitigation services
472—5-3.4.3 9(k)	Unit 5	Provide public notification (warning)
472—5-3.4.5	Unit 5-Module 4	Identify the safe operating practices/procedures that are required to be followed at a hazardous material incident
472—5-3.4.5.2	IG 5-4-45 and 5-4-46	Identify the procedures for presenting a safety briefing prior to allowing personnel to work on a hazardous materials incident
472—5-3.4.5.3*	IG 5-4-46 to IG 5-4-52	Identify at least 3 safety precautions associated with search and rescue missions

472—5-3.4.5.4 (a)	IG 5-4-31 to 5-5-9	Absorption
472—5-3.4.5.4 (b)	IG 5-5-9	Adsorption
472—5-3.4.5.4 (d)	IG 5-4-31; IG 5-5-10	Dilution
472—5-3.4.5.4 (e)	IG 5-4-31	Disposal
472—5-3.4.5.4 (g)	IG 5-5-10	Neutralization
472—5-3.4.5.4 (h)	IG 5-5-11	Solidification
472—5-3-3.4	IG 5-4 to 5-44	Identify the physical and psychological stresses that can affect users of personal protective equipment
472—5-4.1.1	IG 1-17; SM 1-6	Identify the role of the IC during an incident involving hazardous materials
472—5-4.3	Unit 5	Providing a focal point for information transfer to media and elected officials
472—5-4.3.1	Unit 5	Identify the local policy for providing information to the media
472—5-6.2	Unit 5- Module 8	Conducting a debriefing
472—5-6.2.1	Unit 5- Module 8	Describe three components of an effective debriefing
472—5-6.2.2	Unit 5- Module 8	Describe the key topics in an effective debriefing
472—5-6.2.3	Unit 5- Module 8	Describe when a debriefing should take place
472—8.1.3 c. 3 to 7	Unit 5 -4- Protection	Identify safety considerations; Conduct safety briefings, Assist in implementation; Maintain communications; Monitor status reports; Ensure the implementation
472—8.1.3 d. 1 and 2	Unit 5 -4- Protection	Evaluate the progress of the planned response to ensure that the response objectives are being met safely by completing the following tasks....
472—8-1.3 a.	Unit 5 Module 5-3	Analyze a hazardous material incident to determine the magnitude of the problem in terms of safety..
472—8-1.3 b.	Unit 5 Mod 5-4	Assist in planning a safe response within the capabilities of available response personnel, personal protective equipment, and control equipment by completing the following tasks.....
472—8-1.3 c.	Unit 6 Plan of Action	Ensure the implementation of a safe planned response consistent with the local emergency response plan, the organization's standard operating procedures, and safety considerations by completing the following tasks.....
472—8-1.3 e. 1.	Unit 5- Module 5-8 Recov	Perform the reporting, documentation and follow-up required of the hazardous materials branch safety officer
472—8-2.1	Unit 5-3 Identification	Determining the magnitude of the problem in terms of safety
472—8-3.1.2*	Unit 5-4 Protection	Identify five safety precautions associated with search and rescue missions at hazardous materials incidents
472—8-3.3	Unit 6 Plan of Action	Assisting in the development of a Plan of Action
472—8-3.5	Unit 5 5-4 Protection	Reviewing selection of personal protective equipment
472—8-3.6.1 (a)	IG 5-4-31 to 5-5-9	Absorption
472—8-3.6.1 (b)	IG 5-5-9	Adsorption

472—8-3.6.1 (d)	IG 5-4-31; IG 5-5-10	Dilution
472—8-3.6.1 (e)	IG 5-4-31	Disposal
472—8-3.6.1 (g)	IG 5-5-10	Neutralization
472—8-3.6.1 (h)	IG 5-5-11	Solidification
472—8-3.7.1*	Unit 5 5-4 Protection	Identify the elements required in an emergency medical services plan
472—8-3.7.2	Unit 5 5-4 Protection	Identify the importance of an on-site medical monitoring program
472—8-3-7	Unit 5 5-4 Protection	Ensuring provision of proper Emergency Medical Services
472—8-4.2.2	Unit 5 5-4 Protection	Identify how the following factors influence heat and cold stress for hazardous materials response personnel....
472—8-6.2.2	Unit 5 5-8 Recovery/Termi	Demonstrate the proper procedure for debriefing hazardous materials branch personnel regarding site-specific occupational safety and health areas of concern
472—8-6.3	Unit 5 5-8 Recovery/Termi	Assisting in the incident critique

**Course: Health and Safety Officer
January, 1999**

Standard	Reference	Remarks
1021—2-7.1a	IG 6-9	Prerequisite Knowledge: Components of an infectious disease control program
1021—2-7.2a	IG 6-1 to 6-11	Prerequisite Knowledge: Procedures for conducting an accident investigation
1021—4-7.1	IG 3	Develop a measurable accident and injury prevention program
1021—4-7.1a	IG 3-3, 35	Prerequisite Knowledge: Applicable codes, standards, and laws
1021—4-7.1a	IG 3-3, 35	Prerequisite Knowledge: Accepted safety practices
1021—4-7.1a	IG 3-37	Prerequisite Knowledge: Policies and procedures
1521—2-2.1	IG 2-3	The health and safety officer shall be a fire department officer
1521—3-1.1.1	IG 4-45	Shall communicate through training and education
1521—3-1.1.2	IG 4-45	Shall make available the written risk management plan
1521—3-1.2	IG 4-15; Chapter 7	Monitor the effectiveness of the risk management plan
1521—3-10.3	IG 6-13	The health and safety officer shall submit recommendations
1521—3-12.3	IG 6-11	The health and safety officer shall function as the fire department infection control officer
1521—3-14.1	IG 7-19	Develop procedures; Post-incident analysis
1521—3-14.2	IG 7-5	Written report
1521—3-14.4	IG 7-19; 7-39	Information about issues relating to the use of protective clothing
1521—3-2.1*	IG 3-45	The health and safety officer shall revise rules
1521—3-2.1*	IG 3-19	The health and safety officer shall review rules
1521—3-2.1*	IG 3-43	The health and safety officer shall develop rules
1521—3-2.1*	IG 3-41	Develop procedures that ensure compliance; submitted to the fire chief
1521—3-2.2	IG 3-45	Adequacy of, effectiveness of, and compliance with the rules
1521—3-2.3	IG 3-41; Chapter 2	The fire chief shall define the role of the health and safety officer
1521—3-3.1*	IG 6-3; 6-13	Training in safety procedures; Investigation of accidents, injuries, occupational deaths
1521—3-3.2	IG 4-45	Safety supervision to be provided
1521—3-3.3	IG 6-13	Develop and distribute safety and health information
1521—3-4.2	IG 7-19	Instruction in safe work practices
1521—3-5.2	IG 6-3 to 6-12	Investigate injuries, illnesses, exposures, fatalities

1521—3-5.3	IG 6-13	Recommendations to the fire chief
1521—3-6.1*	Chapter 2	Maintain records
1521—3-6.2	Chapter 7	The health and safety officer shall identify and analyze
1521—3-6.6	IG 6-13	A report to the fire chief
1521—3-8.2	IG 3-43	Violations are corrected
1521—3-9.2	IG Chapter 5	Incorporate medical surveillance, wellness programs, physical fitness, nutrition into the health maintenance program

Course: Incident Command For High-Rise Operations

February, 2000

Standard	Reference	Remarks
1021—2-6.1	IG 2-6 to 2-20; IG 5-1 to 5	Prerequisite Knowledge: Basic building construction
1021—2-6.1	IG 2-4	Develop a pre-incident plan
1021—2-6.1	IG 3-3 to 3-24	Prerequisite Knowledge: Basic fire protection system and features
1021—2-6.1	IG 2-4 to 2-5	Prerequisite Knowledge: Elements of a pre-incident plan
1021—2-6.2	IG 3-25 to 3-28	Prerequisite Knowledge: Fire behavior
1021—2-6.3*	IG 6-10	Prerequisite Knowledge: Resources available
1021—2-6.3*	IG 4-5 to 4-16; IG 6-10	Prerequisite Knowledge: Basic fire control
1021—2-6.3*	IG 4-19 to 4-20; IG 6-27 t	Prerequisite Knowledge: Personal accountability system
1021—2-6.3*	IG 4-19 to 4-20	Prerequisite Skills: to supervise and account for assigned personnel under emergency situations
1021—2-6.3*	IG 2-4 to 2-5; IG 6-6	Implement a preliminary plan
1021—3-6	IG 2-4 to 4-20	Emergency Service Delivery. Conducting pre-incident planning
1021—3-6	IG 4-1 to 4-29; IG 6-1 to 6	Emergency Service Delivery. Deploying assigned resources (other emergency)
1021—3-6	IG 4-1 to 4-29	Emergency Service Delivery. This duty involves supervising multi-unit emergency operations
1021—3-6.1	IG 4-1 to 4-29	Prerequisite Skills: The ability to implement an incident management system
1021—3-6.1	IG 4-1 to 4-29; IG 5-1 to 5	Prerequisite Knowledge: Basic fire control and emergency operation procedures
1021—3-6.1	IG 4-1 to 4-29	Prerequisite Knowledge: Basic fire control, etc.
1021—3-6.1	IG 4-16 to 4-21; IG 6-27 t	Prerequisite Skills: to supervise and account for assigned personnel under emergency situations
1021—3-6.1	IG 4-19 to 4-21	Prerequisite Knowledge: Personnel accountability system
1021—3-6.1	IG 6-1	Prerequisite Knowledge: Standard operating procedures
1021—3-6.1	IG 4-1 to 4-29; IG 6-1 to 6	Produce operational plans
1521—4-2.1	IG 4-19 to 4-20	The incident safety officer shall monitor conditions, activities and operations...
1521—4-2.2	IG 4-19 to 4-20; IG 6-27 t	The incident safety officer shall ensure that the fire department's personnel accountability system is being utilized
1521—4-2.2	IG 4-21	The incident commander shall provide the incident safety officer with the incident action plan
1521—4-2.2	IG 4-18	The incident safety officer shall ensure that the incident commander establishes ...
1521—4-3.2	IG 4-16	The incident safety officer shall ensure..

**Course: Incident Command System For Emergency Medical Services
January, 1999**

Standard	Reference	Remarks
1021—2-1.1	IG Unit 1	General Prerequisite Knowledge: Incident management system
1021—2-1.1	IG 1-11 to 1-13	General Prerequisite Knowledge: Departmental operating procedures for administration, emergency operations, and safety
1021—2-1.2	IG 1-15 to 1-17	General Prerequisite Skills: Operate in the incident management system
1021—2-1.2	IG 4-12 to 4-16	General Prerequisite Skills: Ability to communicate verbally and in writing
1021—2-2.1	IG 4-12 to 4-16	Assign tasks or responsibilities to unit members so that the instruction are completely clear and concise
1021—2-6.2	IG 3-11 to 3-14 Activity 3.	Prerequisite Skills: Ability to allocate resources
1021—2-6.2	IG 4-12 to 4-16	Prerequisite Skills: Ability to communicate verbally
1021—2-6.2	IG 3-3 to 3-9	Develop an initial action plan
1021—2-6.3*	IG 4-12 to 4-16	Prerequisite Skills: Ability to communicate verbally
1021—2-6.3*	IG 2-17 & 2-18	Prerequisite Knowledge: Incident management system
1021—2-6.3*	IG 3-13 and 3-14 Activity	Prerequisite Skills: Ability to implement an incident management system
1021—3-6	IG 3-1 to 3-14; IG 7-1 to 7	Emergency Service Delivery: Duty involves supervising multi-unit emergency operations
1021—3-6.1	IG 4-2 to 4-9; IG 7-1 to 7-	Prerequisite Skills: Ability to implement an incident management system
1021—3-6.1	IG 1-12 to 1-13	Prerequisite Knowledge: National, State/provincial, information resources
1021—3-6.1	IG 3-1 to 3-14; IG 7-1 to 7	Produce operations plans, given another emergency requiring multi-unit operations
1021—3-6.1	IG 4-10 to 4-16	Prerequisite Skills: Communicate verbally
1021—3-6.1	IG 7-1 to 7-34; IG 8-1 to 8	Prerequisite Skills: Supervise and account for assigned personnel under emergency conditions
1021—3-6.1	IG 1-11; IG 2-17; IG 4-2 to	Prerequisite Knowledge: An incident management system
1021—3-6.1	IG 1-11; IG 2-17; IG 4-2 to	Prerequisite Knowledge: An incident management system
1521—4-1.1*	IG 4-5 and 4-6	The incident safety officer shall be integrated with the incident management system as a command staff member
1521—4-1.2*	IG 1-11 to 1-13	Standard operating procedures shall define criteria for the response or appointment of an incident safety officer
1521—4-1.3*	IG 6-5	The incident safety officer and assistant incident safety officer(s) shall be readily identifiable on the incident scene
1521—4-2.1	IG 7-10 and 7-11	The incident safety officer shall monitor conditions, activities, and operations to determine whether they fall within the criteria as defined

1521—4-2.3	IG 4-12 to 4-16	The incident safety officer shall monitor the scene and report the status of conditions, hazards, and risks to the incident commander
1521—4-2.8	IG 4-12 to 4-16	The incident safety officer shall monitor radio transmissions and stay alert to transmission barriers
1521—4-4.3	IG 9-8	The incident safety officer shall ensure that incident scene rehabilitation are established as needed
1521—4-7.2	IG 7-11	The incident safety officer shall initiate the accident investigation
1521—4-8.1*	IG 9-9	The incident safety officer shall prepare a written report for the post-incident analysis that includes pertinent information about the incident

**Course: Incident Command System For Structural Collapse Incidents
August, 2000**

Standard	Reference	Remarks
1006—8.1.4	Unit 6	Implement a collapse rescue incident action plan
1006—8.1.4	Unit 6	Requisite Skills: The ability to implement the components of an action plan in a collapse incident, implement an incident management system, initiate hazard mitigation objectives
1006—8-1.1*	Units 1, 4	Conduct a size-up of a collapsed structure so that existing and potential conditions within the structure and the immediate periphery are evaluated
1006—8-1.1*	Units 3, 4	Hazards are identified, construction and occupancy types are determined, collapse type is identified if possible, need for rescue is assessed
1006—8-1.1*	Units 1, 3, 4	Requisite Skills: Evaluate structural stability and hazards, and implement resources and security (scene management) protocols
1006—8-1.2	Units 1-6	Requisite Knowledge
1006—8-1.2	Units 1-6	Determine potential victim locations
1006—8-1.2	Units 1-6	Requisite Skills
1006—8-1.3	Units 1-6	Develop a collapse rescue incident plan, initial size-up information is utilized
1021—2-1.1	IG Unit 2	General Prerequisite Knowledge: Incident management system
1021—2-1.1	IG 5-9	General Prerequisite Knowledge: emergency operations
1021—2-1.1	IG 5-15	General Prerequisite Knowledge: safety
1021—2-1.2	IG 2-17	General Prerequisite Skills: operate in the incident management system
1021—2-2	IG Unit 3	Human Resource Management
1021—2-2.1	IG 5-17	Prerequisite Knowledge: Verbal communications during emergency situations
1021—2-2.1	IG 5-17	Prerequisite Skills: The ability to condense instructions for frequently assigned unit tasks
1021—2-2.1	IG 5-17	Assign tasks or responsibilities to unit members
1021—2-5.2	IG 6-27	Prerequisite Skills: The ability to establish perimeters at an incident scene
1021—2-5.2	IG 6-27	Prerequisite Knowledge: Types of evidence, the importance of fire scene security
1021—2-5.2	IG 6-27	Secure an incident scene
1021—2-6.2	IG 4-4	Develop an initial action plan
1021—2-6.2	IG 4-4	Prerequisite Knowledge: Elements of a size-up
1021—2-6.2	IG 4-17	Prerequisite Skills: Ability to analyze emergency scene conditions

1021—2-6.3*	IG 5-17	Implement an action plan at an emergency operation
1021—2-6.3*	IG 5-17	Prerequisite Knowledge: Standard operating procedures, resources available
1021—2-6.3*	IG 4-17	Prerequisite Skills: Ability to implement an incident management system
1021—2-7.1	IG 4-17	Prerequisite Knowledge: The most causes of personal injury and accident to the member
1021—2-7.1	IG 4-17	Apply safety regulations at the unit level
1021—2-7.1	IG 4-17	Prerequisite Skills: The ability to identify safety hazards and to communicate verbally and in writing
1021—3-1.2	IG 3-14	Intergovernmental and interagency cooperation
1021—3-6.1	IG 5-5; 4-17	Produce operational plans
1021—3-6.1	IG 4-17	Prerequisite Knowledge: Standard operating procedures; national, state/provincial, and local information resources available
1021—3-6.1	IG 4-17	Prerequisite Skills: Ability to implement an incident management system
1021—4-4.6	IG 6-39	Prerequisite Knowledge: Demographics of the area
1021—4-4.6	IG 6-39	Develop a model plan
1021—4-4.6	IG 6-39	Prerequisite Skills: Ability to use evaluative methods, to communicate verbally and in writing, and to organize
1021—4-6.1	IG 4-17; 6-39	Prerequisite Skills: Ability to use evaluative methods, to delegate authority
1021—4-6.1	IG 4-17; 6-39	Prerequisite Knowledge: Policies and procedures, resources, capabilities, roles, responsibilities, and authority of support agencies
1021—4-6.1	IG 4-17; 6-39	Prepare an action plan
1021—5-6	Unit 3; IG 3-4	This duty involves developing plans for major disasters
1021—5-6.1	Unit 3; IG 3-4	Prerequisite Knowledge: Major incident policies and procedures
1021—5-6.1	Unit 3; IG 3-4	Prerequisite Skills: Ability to communicate verbally and in writing, and to organize
1021—5-6.1	Unit 3; IG 3-4	Develop a comprehensive disaster plan that integrates other agencies' resources
1021—5-6.2	IG Unit 3	Develop a comprehensive plan
1021—5-6.2	IG Unit 3	Prerequisite Knowledge: Major incident policies and procedures
1021—5-6.2	IG Unit 3	Prerequisite Skills: Ability to communicate verbally and in writing and to organize
1521—4-1.1*	IG 2-16	The incident safety officer shall be integrated with the incident management system as a command staff member
1521—4-1.2*	IG 2-16	Standard operating procedures shall define criteria for the response or appointment of an incident safety officer
1521—4-2.2	IG 2-16	The incident safety officer shall ensure that the incident commander establishes an incident scene rehabilitation tactical level management unit

1521—4-2.3	IG 2-16	The incident safety officer shall monitor the scene and report the status of conditions, hazards, and risks to the incident commander
1521—4-2.4	IG 2-16	The incident safety officer shall ensure that the fire department's personnel accountability system is being utilized
1521—4-2.5	IG 2-16	The incident commander shall provide the incident safety officer with the incident action plan
1521—4-2.9*	IG 2-16	The incident safety officer shall communicate to the incident commander the need for assistant incident safety officers
1521—4-3.3	IG 2-16	Where fire has involved a building or buildings, the incident safety officer shall advise the incident commander of hazards, collapse potential
1521—4-3.4	IG 2-16	The incident safety officer shall evaluate visible smoke and fire conditions and advise the incident commander
1521—4-4.3	IG 2-16	The incident safety officer shall ensure that incident scene rehabilitation and critical incident stress management are established
1521—4-5.4	IG 6-39	The incident safety officer shall ensure that a safety briefing is developed
1521—4-5.5	IG 5-17	The incident safety officer shall ensure that hot, warm, decontamination, and other zone designations are clearly marked
1521—4-5.6	IG 6-39	For long-term operations, the incident safety officer shall ensure that food, hygiene facilities, and other special needs are provided
1521—4-5.6	IG 2-16	The incident safety officer shall meet with the incident commander to determine rehabilitation
1521—4-6.2	IG 6-39	The incident safety officer shall attend strategic and tactical planning sessions
1521—4-6.4	IG 2-16	The incident safety officer shall meet with the incident commander to determine rehabilitation
1521—4-6.4	IG 6-39	For long-term operations, the incident safety officer shall ensure that food, hygiene facilities, and other special needs are provided

Course: Incident Command Systems
January, 1999

Standard	Reference	Remarks
1021—2.2.1	IG 2-3 2-4; 2-5; 2-35	Assign tasks or responsibilities; safety considerations; desired outcomes
1021—2-1.1	IG 1-5	General Prerequisite Knowledge- Incident management system
1021—2-1.2	IG 1-25; 1-27; 1-28; 1-29	General Prerequisite Skills- verbally, to operate in the incident management system
1021—2-2	IG 1-35 to 1-36	Human Resource Management- supervising personnel during emergency
1021—2-2.1	IG 2-9	Prerequisite Knowledge
1021—2-2.1	IG 1-30	Prerequisite Skills
1021—3-6.1	Chapter 1	Prerequisite Knowledge
1021—4-6.1	IG 2-3 to 2-10	Prepare an action plan

**Course: Incident Command Systems: Hazardous Materials Operations
January, 1999**

Standard	Reference	Remarks
1521—4-1.1	IG 2-35	The incident safety officer shall be integrated
1521—4-1.2	IG 2-35	Standard operating procedures
1521—4-2.1	IG 2-35	When the perceived risk is not within these criteria
1521—4-2.1	IG 2-35	The incident safety officer shall monitor conditions, activities, and operations
1521—4-2.3	IG 2-35	The incident safety officer shall monitor the scene and report

Course: Incident Command Systems: Special Operations
January, 1999

Standard	Reference	Remarks
1521—4-1.1	IG 2-35	The incident safety officer shall be integrated
1521—4-1.2	IG 2-35	Standard operating procedures
1521—4-2.1	IG 2-35	The incident safety officer shall monitor conditions, activities, and operations
1521—4-2.1	IG 2-35	When the perceived risk is not within these criteria
1521—4-2.3	IG 2-35	The incident safety officer shall monitor the scene and report

Course: Initial Fire Investigation
Version Date Not Specific

Standard	Reference	Remarks
1021—2-5.1	IG 2, 5	Evaluate available information...
1021—2-5.1a	IG 5-6	Prerequisite Knowledge: Common causes of fire
1021—2-5.1a	IG 2-1	Prerequisite Knowledge: Fire growth and development
1021—2-5.2	IG 6 & 7	Secure an incident scene
1021—2-5.2a	IG 7-7	Prerequisite Knowledge: types of evidence
1021—2-5.2a	IG 7-3	Prerequisite Knowledge: evidence preservation
1021—2-5.2a	IG 6-3 and 6-4	Prerequisite Knowledge: The importance of fire scene security
1021—3-5.2	IG 2, 5, 6, 7, 12	Determine the point of origin and preliminary cause of a fire
1021—3-5.2a	IG 2-1	Prerequisite Knowledge: Fire growth and development
1021—3-5.2a	IG 5-6	Prerequisite Knowledge: Common causes of fire
1021—3-5.2a	IG 5-6 & 6-29	Prerequisite Knowledge: Basic cause and origin determination
1021—3-5.2a	IG 7-12, 12-6	Prerequisite Knowledge: Documentation of preliminary fire investigative procedures
1033—3-2.1	IG 6 & 7	Secure the fire ground
1033—3-2.1a	IG 7-4	Requisite Knowledge: Issues relating to spoliation
1033—3-2.1a	IG 7-7	Requisite Knowledge: Types of evidence
1033—3-2.1a	IG 6-3 and 6-4	Requisite Knowledge: Importance of fire scene security
1033—3-2.1a	IG 6-6 to 6-15	Requisite Knowledge: Fire ground hazards
1033—3-2.1a	IG 7-3	Requisite Knowledge: Evidence preservation
1033—3-2.2	IG 2, 3, 4, 6, 7	Conduct an exterior survey
1033—3-2.2a	IG 2	Requisite Knowledge: Fire behavior and spread
1033—3-2.2a	IG 3	Requisite Knowledge: Knowledge of types of building construction
1033—3-2.2a	IG 4	Requisite Knowledge: Burn patterns
1033—3-2.2a	IG 6-19 and 6-20	Requisite Knowledge: The effects of fire suppression
1033—3-2.2a	IG 3	Requisite Knowledge: The effects of fire upon construction materials
1033—3-2.2a	IG 6-31	Requisite Knowledge: Types of evidence commonly found in the perimeter
1033—3-2.2a	IG 7-3	Requisite Knowledge: Evidence preservation methods

1033—3-2.3	IG 2, 3, 4, 6, 7	Conduct an interior survey
1033—3-2.3a	IG 4	Requisite Knowledge: Burn patterns
1033—3-2.3a	IG 6	Requisite Knowledge: The relationship of contents to the overall investigation
1033—3-2.3a	IG 7-3	Requisite Knowledge: Evidence preservation methods
1033—3-2.3a	IG 2	Requisite Knowledge: Fire behavior and spread
1033—3-2.3a	IG 3	Requisite Knowledge: The effects of fire upon those materials
1033—3-2.3a	IG 2-16	Requisite Knowledge: Effects of building contents on fire growth
1033—3-2.3a	IG 3	Requisite Knowledge: The effects of fire upon those materials
1033—3-2.3a	IG 3	Requisite Knowledge: Knowledge of types of building construction and interior finish
1033—3-2.3a	IG 4	Requisite Knowledge: Burn patterns
1033—3-2.3a	IG 6-19 and 6-20	Requisite Knowledge: The effects of fire suppression
1033—3-2.4	IG 4, 2	Interpret burn patterns
1033—3-2.4a	IG 2	Requisite Knowledge: The interrelationship of heat release rate, form, and ignitibility of materials
1033—3-2.4a	IG 2	Requisite Knowledge: Knowledge of fire department
1033—3-2.5	IG 4, 2, 3, 6	Correlate burn patterns
1033—3-2.5a	IG 3	Requisite Knowledge: building construction
1033—3-2.5a	IG 2	Requisite Knowledge: Knowledge of fire behavior and spread based on fire chemistry and physics
1033—3-2.5a	IG 6-19 and 6-20	Requisite Knowledge: Fire suppression effects
1033—3-2.6	IG 7, 2, 5, 6	Examine and remove fire debris
1033—3-2.6a	IG 2	Requisite Knowledge: Basic understanding of ignition processes
1033—3-2.6a	IG 2	Requisite Knowledge: Characteristics of ignition sources
1033—3-2.6a	IG 2	Requisite Knowledge: Ease of ignition of fuels
1033—3-2.6a	IG 7	Requisite Knowledge: Evidence-gathering methods and documentation
1033—3-2.8*	IG 3	Inspect the performance of building systems
1033—3-2.8*a	IG 3-20	Requisite Knowledge: Common methods used to defeat a system's functional capability
1033—3-2.8*a	IG 3-16	Requisite Knowledge: HVAC
1033—3-2.8*a	IG 3-16	Requisite Knowledge: Different types of detection
1033—3-3.1	IG 6 & 7	Diagram the scene
1033—3-3.1a	IG 6 & 7	Requisite Knowledge: Formats for diagramming the scene
1033—3-3.1a	IG 6 & 7	Requisite Knowledge: Types of evidence and patterns that need to be documented
1033—3-3.3	IG 12	Construct investigative notes

1033—3-3.3a	IG 12	Requisite Knowledge: Relationship between notes, diagrams, and photos
1033—3-3.3a	IG 12-4	Requisite Knowledge: How to reduce scene information into concise notes
1033—3-4.1	IG 7 & 8	Utilize proper procedures for managing victims and fatalities
1033—3-4.1a	IG 8	Requisite Knowledge: Types of evidence associated with fire victims and fatalities
1033—3-4.1a	IG 7-3	Requisite Knowledge: Evidence preservation methods
1033—3-4.2	IG 7	Locate, collect, and package evidence
1033—3-4.2a	IG 7-10 to 7-12	Requisite Knowledge: Packaging techniques and materials
1033—3-4.2a	IG 7-13 and 7-14	Impact of evidence collection on the investigation
1033—3-4.2a	IG 7-7 to 7-9	Requisite Knowledge: Types of evidence (exclusionary of fire-cause supportive evidence)
1033—3-4.3	IG 7	Select appropriate evidence for analysis
1033—3-4.3	IG 7-11	Requisite Knowledge: purposes for submitting samples
1033—3-4.3	IG 7-11	Requisite Knowledge: purposes for submitting samples
1033—3-4.4a	IG 7-13 and 7-14	Requisite Knowledge: Methods of recording the chain of custody
1033—3-4.4a	IG 7-7	Maintain a chain of custody
1033—3-4.4a	IG 7-7	Requisite Knowledge: Rules of custody and transfer procedures
1033—3-4.4a	IG 7-7 and 7-10	Requisite Knowledge: Types of evidence (e.g., physical evidence obtained at the scene, photos, and documents)
1033—3-5.1	IG 11	Develop an interview plan
1033—3-5.1a	IG 11	Requisite Knowledge: Persons who can provide information that furthers the fire cause determination or the affixing of responsibility
1033—3-5.1a	IG 11	Requisite Knowledge: Types of questions that are pertinent and efficient to ask of different information sources
1033—3-5.1a	IG 11	Requisite Knowledge: Pros and cons of interviews versus document gathering
1033—3-5.2	IG 11	Conduct interviews or interrogations
1033—3-5.2a	IG 11	Requisite Knowledge: Personal information needed for proper documentation or follow-up
1033—3-5.2a	IG 11	Requisite Knowledge: Knowledge of types of interviews
1033—3-5.2a	IG 11	Requisite Knowledge: Documenting methods and tools
1033—3-5.3	IG 11	Evaluate interview information
1033—3-5.3a	IG 11	Requisite Knowledge: Types of interviews

Course: Interpersonal Dynamics in Fire Service Organizations
June, 1995

Standard	Reference	Remarks
1021—2-2.2	IG 6-51 to 6-79	Prerequisite Knowledge: Verbal communications under non-emergency situations
1021—2-2.5*	IG 6-19 Activity 6.2	Prerequisite Skills: ability to communicate verbally
1021—2-2.5*	IG 6-81 to 6-87 Activity 6.	Prerequisite Skills: to relate interpersonally
1021—2-3.1	IG 9-15 to 9-19; 9-27 to 9-	Prerequisite Knowledge: Interpersonal relationships
1021—2-3.1	IG 6-5 to 6-9; 6-17; 6-25 t	Prerequisite Knowledge: nonverbal communication
1021—2-3.1	IG 6-19 Activity 6.2	Prerequisite Skills: ability to communicate verbally
1021—2-3.2	IG 6-5 to 6-9; 6-17; 6-25 t	Prerequisite Knowledge
1021—2-4.1	IG 6-5 to 6-9; 6-17; 6-25 t	Prerequisite Skills
1021—2-4.1	IG 6-81 to 6-87 Activity 6.	Prerequisite Skills
1021—2-4.2	IG 6-19 Activity 6.2	Prerequisite Skills: ability to communicate verbally
1021—2-6.1	IG 6-19 Activity 6.2	Prerequisite Skills: to communicate verbally
1021—2-6.2	IG 6-19 Activity 6.2	Prerequisite Skills: To communicate verbally
1021—2-7.1	IG 6-19 Activity 6.2	Prerequisite Skills: to communicate verbally
1021—2-7.2	IG 6-19 Activity 6.2	Prerequisite Skills: the ability to communicate verbally
1021—3-2.1	IG 1-3 to 1-67	Prerequisite Knowledge: interpersonal dynamics
1021—3-2.1	IG 9-5 to 9-67	Prerequisite Knowledge: Group dynamics
1021—3-2.2	IG 6-19 Activity 6.2	Prerequisite Skills: ability to communicate verbally and in writing
1021—3-3.1	IG 6-81 to 6-89 Activity 6.	Prerequisite Skills
1021—3-4.3	IG 6-19 Activity 6.2	Prerequisite Skills
1021—3-5.2	IG 6-19 Activity 6.2	Prerequisite Skills: the ability to communicate verbally
1021—3-6.1	IG 6-19 Activity 6.2	Produce operational plans
1021—3-6.1	IG 6-19 Activity 6.2	Prerequisite Skills: To communicate verbally
1021—4-2.1	IG 6-19 Activity 6.2	Prerequisite Skills: the ability to communicate verbally
1021—4-2.1	IG 1-7 to 1-11 Act. 1.1 & 1	Prerequisite Skills: the ability to relate interpersonally
1021—4-2.2	IG 6-19 Activity 6.2	Prerequisite Skills: the ability to communicate verbally
1021—4-2.3	IG 6-19 Activity 6.2	Prerequisite Skills: the ability to communicate verbally

1021—4-2.4	IG 1-3 to 1-67	Prerequisite Knowledge
1021—4-2.4	IG 1-3 to 1-67	Prerequisite Knowledge
1021—4-2.4	IG 6-19 Activity 6.2	Prerequisite Skills: to communicate verbally
1021—4-3.1	IG 6-81 to 6-87 Activity 6.	Prerequisite Skills: The ability to relate interpersonally
1021—4-3.1	IG 6-19 Activity 6.2	Prerequisite Skills: to communicate verbally
1021—4-4.1	IG 6-81 to 6-87 Activity 6.	Prerequisite Skills: to relate interpersonally
1021—4-4.1	IG 6-19 Activity 6.2	Prerequisite Skills: to communicate verbally
1021—4-4.2*	IG 6-19 Activity 6.2	Prerequisite Skills: to communicate verbally
1021—4-4.3	IG 6-19 Activity 6.2	Prerequisite Skills: to communicate verbally
1021—4-4.4	IG 6-19 Activity 6.2	Prerequisite Skills: to communicate verbally
1021—4-4.5	IG 6-19 Activity 6.2	Prerequisite Skills: to communicate verbally
1021—4-4.6	IG 6-19 Activity 6.2	Prerequisite Skills: to communicate verbally
1021—4-5.1	IG 6-19 Activity 6.2	Prerequisite Skills: to communicate verbally
1021—4-5.2	IG 6-19 Activity 6.2	Prerequisite Skills: to communicate verbally
1021—4-6.1	IG 6-19 Activity 6.2	Prerequisite Skills: to communicate verbally
1021—4-7.1	IG 6-19 Activity 6.2	Prerequisite Skills: to communicate verbally
1021—5-2.1	IG 1-7 to 1-11 Act. 1.1 & 1	Prerequisite Skills: to relate interpersonally
1021—5-2.1	IG 6-19 Activity 6.2	Prerequisite Skills: the ability to communicate verbally
1021—5-2.2	IG 6-19 Activity 6.2	Prerequisite Skills: the ability to communicate verbally
1021—5-2.3	IG 1-7 to 1-11 Act. 1.1 & 1	Prerequisite Skills: to relate interpersonally
1021—5-2.3	IG 6-19 Activity 6.2	Prerequisite Skills: the ability to communicate verbally
1021—5-2.4	IG 1-7 to 1-11 Act. 1.1 & 1	Prerequisite Skills: to relate interpersonally
1021—5-2.4	IG 6-19 Activity 6.2	Prerequisite Skills: the ability to communicate verbally
1021—5-3.1	IG 6-19 Activity 6.2	Prerequisite Skills: the ability to communicate verbally
1021—5-4.1	IG 6-19 Activity 6.2	Prerequisite Skills: the ability to communicate verbally
1021—5-4.2	IG 6-19 Activity 6.2	Prerequisite Skills: the ability to communicate verbally
1021—5-6.1	IG 6-19 Activity 6.2	Prerequisite Skills: the ability to communicate verbally
1021—5-6.2	IG 6-19 Activity 6.2	Prerequisite Skills: the ability to communicate verbally
1021—5-7.1	IG 6-19 Activity 6.2	Prerequisite Skills: the ability to communicate verbally
1035—2-4.3.2	IG 6-19 Activity 6.2	Prerequisite Skills: Oral communication techniques
1035—2-4.5	IG 6-51 to 6-79	Requisite Knowledge: venues for communicating with various audiences

1035—2-5.4.2	IG 6-11 to 6-15 Act 6.1; I	Prerequisite Skills: Communication Skills
1035—2-5.5.2	IG 6-11 to 6-15 Act 6.1; I	Prerequisite Skills: Communication Skills
1035—3-3.5	IG 9-5 to 9-11 Act. 9.1; IG	Requisite Skills: interact in a group
1035—3-3.5	IG 11-19 to 11-33 Act. 11.	Requisite Skills: resolve conflict
1035—3-3.5	IG 95 to 9-67	Requisite Knowledge: group process
1035—7-2.2	IG 11-49 to 11-33 Activitie	Requisite Skills: resolve conflict
1041—2-4.3.1*	IG 6-7 to 6-9	Prerequisite Knowledge: elements of the communication process

Course: Introduction To Fire Inspection Principles and Practices
February, 1996

Standard	Reference	Remarks
1021—3-5.1	PP-77	Prerequisite Knowledge: Inspection procedures
1021—3-5.1	PS 1	Prerequisite Knowledge: fire detection, alarm and protection systems
1021—3-5.1	PP-77	Describe the procedures for conducting fire inspections
1031—3.3.10*	LS 41	Requisite Knowledge: requirements relative to emergency evacuation drills that are required within the jurisdiction
1031—3.3.10*	LS 41 to 43	Verify that emergency planning and preparedness measures are in place and have been practiced
1031—3.3.10*	LS 41	Requisite Knowledge: identification of ways to conduct and/or evaluate fire drills in various occupancies
1031—3.3.14	BP 19	Requisite Knowledge: basic fire behavior
1031—3.3.14	BP all	Recognize a hazardous fire growth potential in a building or space
1031—3.3.14	FH 3	Requisite Knowledge: safe housekeeping practices
1031—3.3.3*	LS 29	Requisite Knowledge: maintenance requirements of egress elements
1031—3.3.3*	LS 21 to 39	Requisite Knowledge: acceptable means of egress
1031—3.3.3*	LS 21 to 39	Requisite Knowledge: occupancy egress requirements
1031—3.3.5*	PS 49 to 65	Determine the operational readiness of existing fixed fire suppression systems
1031—3.3.6*	PS 1 to 69	Determine the operational readiness of existing fire detection and alarm systems
1031—3.3.6*	PS 1 to 69	Requisite Knowledge: understanding the components and operation of fire detection and alarm systems
1031—3.3.7*	PS-77	Requisite Knowledge: placement and applicable codes and standards
1031—3.3.7*	PS 73	Requisite Knowledge: components
1031—3.3.7*	PS 73 to 79	Requisite Knowledge: basic understanding of portable fire extinguishers
1031—3.3.7*	PS 73 to 79	Determine the operational readiness of existing portable fire extinguishers
1031—3.3.8*	FH-3	Requisite Knowledge: safe housekeeping practices
1031—3.3.8*	BP	Requisite Knowledge: ignition sources
1031—3.3.8*	PP-1	Requisite Knowledge: fire prevention practices
1031—3.3.8*	BP-1	Requisite Knowledge: fire behavior
1031—3.3.8*	FH 7	Recognize hazardous conditions involving equipment, processes, and operations
1031—3.3.8*	PP-1	Requisite Knowledge: practices and techniques of code compliance inspections

1031—3.3-5*	PS 49 to 65	Requisite Knowledge: basic understanding of the components and operation of fixed fire suppression systems
1031—3-2.3	BP 55	Recognize the need for a permit, given a situation or condition
1031—3-2.3	BP 55	Requisite Knowledge
1031—3-2.7	BP 39 to 53	Requisite Knowledge
1031—3-2.7*	BP 39 to 53	Identify the applicable code or standard
1031—3-3.1	BP 47	Identify the occupancy classification of a single-use occupancy
1031—3-3.1	FH 7	Requisite Knowledge: fire hazards presented by various occupancies
1031—3-3.1	BP 39 to 53	Requisite Knowledge: Applicable codes, regulations, and standards adopted by the jurisdiction
1031—3-3.1	BC 35	Requisite Knowledge: Occupancy classification types
1031—3-3.1	BC 35	Requisite Knowledge: Occupancy classification types
1031—3-3.3*	LS 17	Inspect means of egress elements
1031—4-3.5	LS 21	Analyze the egress elements of a building or portion of a building- located in accordance with applicable codes
1031—4-3.5	LS 27	Requisite Knowledge

Course: Introduction To Volunteer Emergency Services Management
October, 1997

Standard	Reference	Remarks
1021—2-2.2	IG 3	Verbal communications under non-emergency situations
1021—2-2.6	IG 2, 3	Basic human resource management
1021—2-2.6	IG 2, 3, 5	Principles of supervision
1021—2-3.1	IG 3	Verbal and nonverbal communication
1021—2-3.1	IG 2, 3	Interpersonal relationships
1021—2-4.1	IG 2	Prerequisite Knowledge: Written and verbal communication
1021—3-2.1	IG 2	Leadership styles
1021—3-2.1	IG 2	Organizational behavior
1021—3-2.1	IG 2, 3	Interpersonal dynamics
1021—3-2.1	IG 4	Problem identification
1021—3-4.1	IG 4	Problem identification
1021—4-2.2	IG 2	Applicable federal, state/provincial, and local laws
1021—4-2.3	IG 2	Applicable federal, state/provincial, and local laws
1021—4-2.4	IG 3	Prerequisite Knowledge: Interpersonal and motivational techniques
1021—4-3.1	IG 2	Community demographics
1021—4-4.6	IG 2	Demographics of the area
1021—5-2.1	IG 2	Local, state/provincial, and federal regulations
1021—5-2.2	IG 2	Local, state/provincial, and federal regulations
1021—5-2.3	IG 2	Local, state/provincial, and federal regulations
1021—5-2.4	IG 2	Local, state/provincial, and federal regulations
1021—5-3.1	IG 2	Community demographics
1021—5-4.1	IG 2	Demographics
1021—5-6.1	IG 2	Demographics
1021—5-6.2	IG 2	Demographics

**Course: Introduction To Wildland and Wildland/Urban Interface Firefighting For the Structural Co
June, 1998**

Standard	Reference	Remarks
1051—3-5.3.1*	IG 4-13 (Activity 4.1)	Prerequisite Knowledge: basic fireline safety
1051—3-5.3.1*	IG 4-13 (Activity 4.1)	Prerequisite Knowledge: basic fireline safety
1051—3-5.6	IG 5-37 to 5-39	Mop up fire area
1051—3-5.6.1	IG 5-37 to 5-39	Prerequisite Knowledge: Mop up principles, techniques
1051—3-5.7	IG 5-37 to 5-39	Patrol the fire area
1051—5-4.2.1	IG 4-5 and 4-6	Agency dispatch
1051—5-4.2.1	IG 4-5 and 4-6	Travel
1051—5-5.2	IG 4-19 to 4-21; 4-55 to 4-	Size up an incident
1051—5-5.5	IG 3-4 to 3-33	Evaluate incident conditions
1051—5-5.5.1*	IG 3-4 to 3-33	Prerequisite Knowledge: Intermediate fire behavior
1051—6-5.3	IG 4-45 to 4-46	Establish an incident command post (ICP)

Course: Leadership: Company
January, 1994

Standard	Reference	Remarks
1021—2-2.6	IG Decision Making	Principles of supervision, basic human resource management
1021—3-2.1	IG Problem Solving I, PSI-	Prerequisite Knowledge: Group dynamics
1021—3-2.1	IG Problem Solving II, PSI	Prerequisite Skill: Solve problems

Course: Leadership: Strategies For Personal Success
January, 1994

Standard	Reference	Remarks
1021—3-2.1	IG PP-11-17	Types of Power

Course: Leadership: Supervisory
January, 1994

Standard	Reference	Remarks
1021—2-2.6	IG Mod. Situational Leade	Principles of supervision
1021—3-2.1	IG Discipline	to correct unacceptable performance
1021—3-2.2	IG Discipline	Human resource policies and procedures

Course: Management For Arson Prevention and Control
January, 1999

Standard	Reference	Remarks
1021—2-2.2	SM 2	Assign tasks or responsibilities to unit members
1021—2-2.2	SM 2	Requisite Skills
1021—2-2.2	SM 2	Requisite Knowledge
1021—2-2.6	SM 2	Prerequisite Skills
1021—2-2.6	SM 2	Coordinate the completion of assigned tasks and projects by members
1021—2-2.6	SM 2	Prerequisite Knowledge
1021—2-3.1	SM 2	Prerequisite Knowledge
1021—2-3.1	SM 2, 6	Prerequisite Skills
1021—2-3.1	SM 2	Initiate action to a citizen's concern
1021—2-3.2	SM 6	Prerequisite Skills: Respond to public inquiries
1021—2-3.2	SM 2	Prerequisite Skills: The ability to relate interpersonally
1021—2-3.2	SM 2	Respond to public inquiry
1021—2-3.2	SM 2	Prerequisite Knowledge
1021—2-4.1	SM 2	Prerequisite Skills
1021—2-4.2	1021—2-4.2	Prerequisite Skills
1021—2-4.2	1021—2-4.2	Prerequisite Knowledge
1021—2-4.2	1021—2-4.2	Execute routine unit-level administrative functions
1021—2-7.1	SM 2	Prerequisite Knowledge: Safety policies and procedures
1021—2-7.1	SM 2	Prerequisite Skills: Communicate verbally and in writing
1021—2-7.1	SM 2, 3, 7	Apply safety regulations at the unit level
1021—3-4.2	SM 2	Prepare a budget request
1021—3-4.2	SM 2	Prerequisite Skills
1021—3-4.2	SM 6	Prerequisite Knowledge: The format used for news releases
1021—3-4.2	SM 6	Prepare a news release
1021—3-4.2	SM 2	Prerequisite Knowledge
1021—3-4.2	SM 2, 6	Prerequisite Knowledge: Policies and Procedures

1021—3-4.2	SM 2, 6	Prerequisite Skills
1021—3-4.4	SM 1	Prerequisite Skills: Interpret data
1021—3-4.4	SM 2	Prerequisite Skills: The ability to communicate in writing
1021—3-4.4	SM 1	Prerequisite Knowledge
1021—3-4.4	SM 1	Prerequisite Knowledge
1021—3-4.4	SM 1, 2, 3, 6	Prepare a concise report for transmittal to a supervisor
1021—4-2.1	SM 2	Prerequisite Knowledge: Available human resources and policies and procedures
1021—4-2.1	SM 2	Prerequisite Skills
1021—4-2.1	SM 2, 3	Establish personnel assignments to maximize efficiency
1021—4-2.1	SM 2	Prerequisite Skills
1021—4-2.1	SM 2, 3	Prerequisite Knowledge: Minimum staffing requirements
1021—4-2.4	SM 2, 7	Describe methods to facilitate and encourage members to participate in professional development to achieve their full potential
1021—4-2.4	SM 2	Prerequisite Skills
1021—4-2.4	SM 2	Prerequisite Knowledge
1021—4-2.4	SM 2	Prerequisite Knowledge
1021—4-4.1	SM 2	Prerequisite Knowledge: Appropriate budgeting system
1021—4-4.1	SM 2	Develop a budget
1021—4-4.1	SM 2	Prerequisite Knowledge: The supplies and equipment necessary for existing and new programs
1021—4-4.1	SM 2	Prerequisite Knowledge: The supplies and equipment necessary for existing and new programs
1021—4-4.1	SM 2	Prerequisite Knowledge: Appropriate budgeting system
1021—4-5.2	SM 1, 2	Prerequisite Skills: The ability to use evaluative methods
1021—4-5.2	SM 3	Prerequisite Knowledge: Applicable codes, ordinances, and standards and their development process
1021—4-5.2	SM 2	Prerequisite Knowledge: Policies and Procedures
1021—4-5.2	SM 2, 4	Prerequisite Skills: To use consensus-building techniques
1021—4-5.2	SM 3	Prerequisite Skills: To communicate verbally and in writing
1021—4-5.2	SM 1, 2, 3, 4	Develop a plan, given an identified fire safety problem
1021—4-5.2	SM 2, 4	Prerequisite Skills: To organize
1021—5-2.2	SM 3, 7	Prerequisite Knowledge: Internal and external customers
1021—5-2.2	SM 7	Prerequisite Knowledge: Training resources
1021—5-2.2	SM 7	Establish and evaluate a list of education and in-service training goals

1021—5-2.2	SM 7	Prerequisite Knowledge: Training resources
1021—5-2.2	SM 6	Prerequisite Knowledge: Local, state/provincial, and federal regulations
1021—5-2.2	SM 2	Prerequisite Skills
1021—5-2.2	SM 2	Prerequisite Knowledge: Policies and Procedures
1031—5-2.9	SM 2, 4	Requisite Skills: The ability to recognize problems
1031—5-2.9	SM 2	Requisite Skills: Communicate and write reports
1031—5-2.9	SM 2	Requisite Knowledge
1031—5-2.9	SM 2, 4	Requisite Skills: The ability to recognize problems
1031—5-2.9	SM 1, 2, 3, 4, 5, 6, 7	Recommend a program budget
1033—3-7.4	SM 6	Requisite Skills
1033—3-7.4	SM 6	Conduct public informational presentations
1033—3-7.4	SM 6	Conduct public informational presentations
1033—3-7.4	SM 6	Requisite Knowledge
1035—3-2.1	SM 1, 2, 4	Prepare a written budget proposal for a specific program or activity
1035—3-2.1	SM 2	Requisite Knowledge: Budgetary process
1035—3-2.1	SM 2, 4	Requisite Knowledge: Federal, state, and local laws
1035—3-2.1	SM 2	Requisite Skills: Complete program budget proposal
1035—3-2.2	SM 2	Requisite Knowledge: Budgetary methods or process
1035—3-2.2	SM 1, 2, 4, 6	Project program budget expenditures
1035—4-2.1	SM 2	Requisite Knowledge: budgeting methods
1035—4-2.1	SM 1, 2, 4, 6	Develop a fire and life safety education budget
1035—4-2.2	SM 2	Evaluate subordinate performance
1035—4-2.2	SM 2	Requisite Knowledge
1035—5-2.6	SM 6	Requisite Knowledge
1035—5-2.6	SM 6	Requisite Skills
1035—5-2.6	SM 6	Disseminate information to the media
1035—6-4.3	SM 5	Requisite Knowledge
1035—6-4.3	SM 5	Requisite Skills
1035—6-4.3	SM 5	Conduct an interview
1035—6-4.4	SM 5	Requisite Skills
1035—6-4.4	SM 5	Determine educational needs

1035—7-3.2	SM 5	Requisite Skills
1035—7-3.2	SM 5	Evaluate the juvenile firesetter training program
1035—7-3.2	SM 5	Requisite Knowledge

Course: Management Of EMS
September, 2000

Standard	Reference	Remarks
1021—2-1.1	IG 2-23; IG 3-9; IG 2-21; I	General Prerequisite Knowledge
1021—2-1.2	IG 2-35	General Prerequisite Skills
1021—2-2	IG 4-5	Human Resource Management
1021—2-2.2	IG 1-8; IG 1-11; IG 2-35	Assign tasks or responsibilities to unit members
1021—2-2.3	IG 4-7	Direct unit members during a training evolution
1021—2-2.4	Appendix E; IG 2-13	Recommend action for member-related problems, given a member with a situation requiring assistance...
1021—2-2.5*	IG 2-13	Apply human resource policies and procedures
1021—2-2.6	IG 2-5	Coordinate the completion of assigned tasks and projects by members
1021—2-3	IG 2-13; IG 6-12	Community and Government Relations
1021—2-3.1	IG 2-13; IG 6-13	Initiate action to a citizen's concern
1021—2-4	IG 2-13	Administration
1021—2-4.2	IG 2-24	Execute routine unit-level administrative functions
1021—2-6*	IG 5-3	Emergency Services Delivery
1021—2-7	IG 3-9	Safety
1021—2-7.1	IG 3-10	Apply safety regulations at the unit level
1021—2-7.2	IG 3-10	Conduct an initial accident investigation
1021—3-1.1	IG 3-8; IG 6-6	General Prerequisite Knowledge
1021—3-1.2	IG 6-5	General Prerequisite Skills
1021—3-2	IG 4-43	Human Resource Management
1021—3-2.1	IG 4-46	Initiate action to maximize member performance
1021—3-2.2	IG 4-43	Evaluate the job performance of assigned members
1021—3-3	IG 6-15	Community and Government Relations
1021—3-3.1	IG 6-15	Deliver a Public Education Program
1021—3-4	IG 2-13	Administration
1021—3-4.2	IG 5-4	Prepare a budget request
1021—3-4.3	IG 6-14	Prepare a news release

1021—3-6	IG 6-11	Emergency Service Delivery
1021—3-7	IG 3-9	This duty involves reviewing injury, accident, and health exposure reports
1021—3-7.1	IG 3-10	Analyze a member's accident, injury, or health exposure history
1021—3-7.1	IG 3-10	Analyze a member's accident, injury, or health exposure history
1021—4.1.2	IG 2-21; IG 2-35	General Prerequisite Skills
1021—4-1.1	IG 1-3	General Prerequisite Knowledge
1021—4-2	IG 4-5	Human Resource Management
1021—4-2.1	IG 4-46	Establish personnel assignments to maximize efficiency
1021—4-2.2	IG 4-5	Develop procedures for hiring members
1021—4-2.4	IG 4-7	Describe methods to facilitate and encourage members to participate in professional...
1021—4-3	IG 6-12	Community and Government Relations
1021—4-3.1	IG 6-14	Prepare community awareness programs
1021—4-4.4	IG 2-24	Direct the development, maintenance, and evaluation of a department record-keeping system
1021—4-4.5	IG 2-25	Analyze and interpret records and data
1021—4-4.6	IG 5-3	Develop a model plan
1021—4-6	IG 6-11	Emergency Services Delivery
1021—4-6.1	IG 6-11	Prepare an action plan
1021—4-7	IG 3-9	Safety
1021—5-2	IG 4-43	Human Resource Management
1021—5-2.2	IG 4-6	Establish and evaluate a list of education and in-service training goals
1021—5-2.3	IG 3-9; Appendix E	Appraise a member-assistance program
1021—5-2.4	IG 4-23	Evaluate an incentive program
1021—5-3	IG 6-12	Community and Government Relations
1021—5-3.1	IG 6-14	Attend, participate, and play a leadership role in given community events in order to enhance the image of the FD
1021—5-4	IG 2-5	Administration
1021—5-4.1	IG 2-5	Develop a comprehensive long-range plan
1021—5-4.2	IG 4-6	Evaluate and project training requirements, facilities, and buildings
1021—5-6	IG 6-11	Emergency Services Delivery

Course: Management Of Fire Prevention Programs

August, 1996

Standard	Reference	Remarks
1021—2-2.2	IG 3	Prerequisite Knowledge
1021—2-2.2	IG 3	Assign tasks or responsibilities to unit members
1021—2-2.2	IG 3	Prerequisite Skills
1021—2-2.5*	IG 3	Prerequisite Knowledge
1021—2-2.5*	IG 3	Apply human resources policies and procedures, given an administrative situation requiring action...
1021—2-2.5*	IG 3	Prerequisite Skills
1021—2-2.6	IG 3, 6	Prerequisite Skills
1021—2-2.6	IG 3	Coordinate the completion of assigned tasks and projects by members...
1021—2-2.6	IG 3	Prerequisite Knowledge
1021—2-4.2	IG 3	Execute routine unit-level administrative functions
1021—2-4.2	IG 3	Prerequisite Knowledge
1021—2-4.2	IG 2	Prerequisite Skills
1021—3-4.4	IG 2	Prerequisite Skills: The ability to communicate in writing
1021—3-4.4	IG 3	Prerequisite Knowledge
1021—3-4.4	IG 3	Prerequisite Knowledge
1021—3-4.4	IG 3, 5, 6	Prepare a concise report for transmittal to a supervisor
1021—4-2.1	IG 2	Prerequisite Skills
1021—4-2.1	IG 3	Prerequisite Knowledge
1021—4-2.1	IG 3	Establish personnel assignments to maximize efficiency...
1021—4-2.1	IG 2	Prerequisite Skills
1021—4-3.1	IG 2,3	Prerequisite Knowledge: Customer service principles
1021—4-3.1	IG 2, 3	Prerequisite Knowledge: Resource availability
1021—4-3.1	IG 2	Prerequisite Skills
1021—4-3.1	IG 2	Prerequisite Skills
1021—4-3.1	IG 5, 6	Prepare community awareness programs to enhance the quality of life by developing nontraditional services....

1021—4-5.2	IG 2, 6	Prerequisite Knowledge: The ability to use evaluate methods, to use consensus-building techniques
1021—4-5.2	IG 2	Prerequisite Knowledge: To communicate verbally and in writing, and to organize
1021—4-5.2	IG 3, 5, 6	Develop a plan...
1021—5-4.1	IG 3	Prerequisite Knowledge: Policies and procedures, staffing requirements
1021—5-4.1	IG 5,6	Prerequisite Knowledge: Physical and geographical characteristics
1021—5-4.1	IG 3, 4, 6	Prerequisite Knowledge: Local, state/provincial, and federal regulations
1021—5-4.1	IG 2	Prerequisite Skills: The ability to communicate verbally and in writing
1021—5-4.1	IG 3	Prerequisite Skills: Familiarity with fiscal analysis
1021—5-4.1	IG 6	Prerequisite Knowledge: Demographics, community plan
1021—5-4.1	IG 5, 6	Develop a comprehensive long-range plan....
1031—4-2.7	IG 5	Requisite Skills: Identify cost/risk benefits
1031—4-2.7	IG 2, 3, 4, 5, 6	Recommend modifications to codes and standards
1031—4-2.7	IG 3, 4, 5	Requisite Knowledge: State statutes or local ordinances establishing or empowering the agency to adopt, enforce, and revise codes and standards
1031—4-2.7	IG 4	Requisite Knowledge: The legal instruments establishing or adopting codes and standards
1031—4-2.7	IG 4, 5	Requisite Knowledge: Development and adoption process for fire and life safety legislation or regulations
1031—4-2.7	IG 2	Requisite Skills: Communicate
1031—4-2.7	IG 2	Requisite Skills: The ability to recognize problems
1031—4-2.8	IG 3, 4	Requisite Knowledge: Sources of detailed and technical information relating to fire protection and life safety
1031—4-2.8	IG 3, 4	Requisite Knowledge: Policies and procedures of the jurisdiction related to code enforcement
1031—4-2.8	IG 2, 3, 4, 5, 6	Recommend policies and procedures for the delivery of inspection services
1031—5-2.2	IG 4	Requisite Skills: The ability to compose legally adaptable language
1031—5-2.2	IG 4, 5, 6	Facilitate code adoption and modification processes..
1031—5-2.2	IG 2	Requisite Skills: Recognize problems
1031—5-2.2	IG 3, 4	Requisite Knowledge
1031—5-2.2	IG 2, 4	Requisite Skills: Communicate to legislative authority
1031—5-2.2	IG 2	Requisite Skills: Make observations
1031—5-2.3	IG 5	Requisite Skills: Identify cost/risk benefits
1031—5-2.3	IG 3, 4, 6	Assess the impact of proposed codes, ordinances, and other legislation..

1031—5-2.3	IG 3, 4	Requisite Knowledge: The process for the development of codes and standards at the local, state/provincial, and national level
1031—5-2.3	IG 3, 4	Requisite Knowledge: Sources that can provide information and technical assistance in the development of the fire safety legislation
1031—5-2.3	IG 2	Requisite Skills: Communicate
1031—5-2.3	IG 2	Requisite Skills: The ability to recognize problems
1031—5-2.4	IG 3	Develop policies and procedures for the administration of inspection functions
1031—5-2.4	IG 3, 6	Requisite Knowledge: Legal precedence and the various systems of government that affect the performance of the fire inspector's duties
1031—5-2.4	IG 3, 4	Requisite Knowledge: Sources of detailed and technical information relative to plans and specifications
1031—5-2.4	IG 2	Requisite Skills: Communicate
1031—5-2.4	IG 2	Requisite Skills: Communicate
1031—5-2.4	IG 3, 4	Requisite Knowledge: Policies and procedures of the jurisdiction related to code enforcement and plans review
1031—5-2.5	IG 2	Requisite Skills: The ability to recognize the need for materials
1031—5-2.5	IG 2	Suggest technical reference material acquisition...
1031—5-2.5	IG 2	Requisite Knowledge
1031—5-2.5	IG 2	Requisite Knowledge
1031—5-2.8	IG 2	Requisite Skills
1031—5-2.8	IG 6	Initiate legal action related to a fire code violation
1031—5-2.8	IG 4	Requisite Knowledge: Limitations of police powers
1031—5-2.8	IG 3, 4	Requisite Knowledge: Legal procedure for fire code enforcement and authority
1031—5-2.9	IG 2	Requisite Skills: The ability to recognize problems
1031—5-2.9	IG 3	Recommend a program budget...
1031—5-2.9	IG 2, 3	Requisite Skills: Identify additional resources
1031—5-2.9	IG 2	Requisite Skills: Communicate
1031—5-2.9	IG 2	Requisite Skills: Write reports
1031—5-2.9	IG 2	Requisite Skills: The ability to recognize problems
1031—5-2.9	IG 5	Requisite Skills: Measure cost/benefit
1031—5-2.9	IG 3	Requisite Knowledge: Budget procedures of the jurisdiction
1031—5-3.5	IG 3	Requisite Skills: Recognize problems
1031—5-3.5	IG 2	Requisite Skills: The ability to observe

1031—5-3.5	IG 6	Evaluate fire protection plans and practices
1035—4-3.1	IG 2, 5	Requisite Knowledge: Public fire and life safety education issues
1035—4-3.1	IG 6	Develop a comprehensive organizational public fire and life safety education strategy
1035—4-3.1	IG 5, 6	Requisite Knowledge: Cost/benefit analysis methods
1035—4-3.1	IG 3	Requisite Knowledge: Program administration issues
1035—4-3.1	IG 6	Requisite Skills
1035—4-3.2	IG 3	Requisite Skills: Facilitate meetings
1035—4-3.2	IG 3, 5, 6	Requisite Skills: Manage and maintain teamwork
1035—4-3.2	IG 3, 5, 6	Requisite Skills: Motivate partners to achieve goal
1035—4-3.2	IG 2, 3, 5, 6	Requisite Knowledge: Team development dynamics
1035—4-3.2	IG 5, 6	Requisite Knowledge: Potential community partners with shared concerns and resources
1035—4-3.2	IG 5, 6	Create a collaborative fire and life safety education partnership
1035—4-3.4	IG 5, 6	Develop a public policy recommendation
1035—4-3.4	IG 3	Requisite Skills: Format policy
1035—4-3.4	IG 3, 4, 5, 6	Requisite Knowledge: Procedures for legislative implementation at the jurisdiction level
1035—4-3.4	IG 5	Requisite Knowledge: Fire and injury issue
1035—4-4.2	IG 3	Requisite Skills
1035—4-4.2	IG 3	Establish administrative policies for the public fire and life safety education program
1035—4-4.2	IG 3	Requisite Knowledge

**Course: Managing Company Tactical Operations: Decisionmaking
January, 1999**

Standard	Reference	Remarks
1021—2-2.1	IG 4-17 to 4-21; IG 4-23 t	Prerequisite Knowledge: Verbal communication during emergency situations
1021—2-2.1	IG 4-19	Prerequisite Knowledge: Methods of confirming understanding
1021—2-2.1	IG 4-12; 4-13	Assign tasks or responsibilities to unit members
1021—2-2.1	IG 4-13	Prerequisite Skills
1021—2-6.1	IG 2-15 to 2-19	Prerequisite Knowledge: Basic water supply
1021—2-6.1	IG 2-73 (Activity 2.3)	Prerequisite Skills: to communicate verbally
1021—2-6.2	IG 2-39 (Activity 2.1); IG 2	Prerequisite Skills: The ability to analyze emergency scene conditions
1021—2-6.2	IG 2-39 (Activity 2.1); 2-73	Prerequisite Skills: To communicate verbally
1021—2-6.2	IG 2-3 to 2-37	Prerequisite Knowledge: Elements of a size-up
1021—2-6.2	IG 2-67 to 2-93; IG 3-5 to	Develop an initial action plan
1021—2-6.3*	IG 4-5 to 4-15	Implement an action plan at an emergency operation
1021—2-6.3*	IG 5-7 to 5-119	Prerequisite Knowledge: incident management system and a personnel accountability system
1021—2-6.3*	IG 5-93 (Activity 5.1)	Prerequisite Skills: the ability to implement an incident management system
1021—2-6.3*	IG 4-13 to 4-15	Prerequisite Knowledge: Standard operating procedures, resources available
1021—2-6.3*	IG 2-73 (Act. 2.3); IG 4-17	Prerequisite Skills: to communicate verbally; the ability to implement an incident management system

**Course: Managing Company Tactical Operations: Preparation
January, 1999**

Standard	Reference	Remarks
1021—2-1.2	IG 3-31 to 3-69	General Prerequisite Skills: Ability to communicate verbally and in writing, to write reports, and to operate in the incident management system
1021—2-2	IG 1-15 to 1-25	Human Resource Management: Duty involves utilizing human resources to accomplish assignments in a safe and efficient manner
1021—2-2.1	IG 3-31 to 3-69	Assign tasks or responsibilities to unit members
1021—2-2.1	IG 3-53 to 3-63	Prerequisite Knowledge: Verbal communications; techniques used to make assignments; methods of confirming understanding
1021—2-2.1	IG 3-53 to 3-63	Prerequisite Skills: Ability to condense instructions for frequently assigned unit tasks
1021—2-6.1	IG 4-51 to 4-71	Prerequisite Knowledge: Fire growth and development
1021—2-6.1	IG 4-1 to 4-71	Prerequisite Knowledge: Basic building construction
1021—2-6.1	IG 2-57	Prerequisite Knowledge: Elements of a pre-incident plan
1021—2-6.1	IG 5-51	Develop a pre-incident plan
1021—2-6.2	IG 1-75 to 1-127	Develop an initial action plan
1021—2-6.2	IG 4-51 to 4-71	Prerequisite Knowledge: Fire behavior
1021—2-6.2	IG 3-53 to 3-69	Prerequisite Skills: Ability to analyze emergency scene conditions; to allocate resources; communicate verbally
1021—2-6.2	IG 2-37	Prerequisite Knowledge: Standard operating procedures for emergency operations
1021—2-6.2	IG 1-79	Prerequisite Knowledge: Elements of a size-up
1021—2-6.3*	IG 1-77	Implement an action plan at an emergency operation
1021—2-6.3*	IG 2-37	Prerequisite Knowledge: Standard operating procedures
1021—2-6.3*	IG 2-65	Prerequisite Knowledge: Resources available
1021—2-7.1	IG 1-43 to 1-51	Prerequisite Knowledge: Basic workplace safety, and the components of an infectious disease control program
1021—2-7.1	IG 1-41	Prerequisite Knowledge: The most common causes of personal injury and accident to member, safety policies and procedures
1021—2-7.1	IG 1-41 to 1-63	Apply safety regulations at the unit level
1021—2-7.1	IG 1-55 to 1-59	Prerequisite Skills: Ability to identify safety hazards and to communicate verbally and in writing

Course: Managing Company Tactical Operations: Tactics
January, 1999

Standard	Reference	Remarks
1021—2-2.1	IG 1-13	Assign tasks or responsibilities to unit members
1021—2-2.1	IG 1-13	Prerequisite Knowledge: Verbal communication during emergency situations
1021—2-6.1	IG 4-5	Prerequisite Knowledge: Basic water supply
1021—2-6.2	IG 1-41 to 1-45; IG 2-1	Develop an initial action plan
1021—2-6.3*	IG 1-41 to 1-45	Implement an action plan at an emergency operation
1021—2-6.3*	IG 1-39	Prerequisite Knowledge: Basic fire control and emergency operation procedures

Course: Managing In A Changing Environment
September, 1995

Standard	Reference	Remarks
1021—3-2.1	IG 2-37 to 2-61; 2-99 to 2-	Prerequisite Knowledge
1021—3-2.2	IG 2-37 to 2-61; 2-99 to 2-	Prerequisite Knowledge
1021—4-2.1	IG 2-37 to 2-61; 2-99 to 2-	Prerequisite Knowledge
1021—4-2.2	IG 2-37 to 2-61; 2-99 to 2-	Prerequisite Knowledge
1021—4-2.3	IG 2-37 to 2-61; 2-99 to 2-	Prerequisite Knowledge
1021—4-3.1	IG 3-7 to 3-13; 3-21 to 3-2	Prerequisite Knowledge
1021—4-3.1	IG 3-7 to 3-13; 3-21 to 3-2	Prerequisite Knowledge
1021—4-4.1	IG pgs. 1-27 to 1-55	Prerequisite Skills
1021—4-4.1	IG pgs. 1-27 to 1-55	Develop a budget
1021—5-3.1	IG 3-7 to 3-13; 3-21 to 3-2	Prerequisite Knowledge

Course: Marketing Fire Prevention in Your Community
February, 2001

Standard	Reference	Remarks
1021—3-3	Module 1-4	Community and Government Relations
1021—3-3.1	Module 1-4	Prerequisite Knowledge
1021—3-3.1	Module 1-4	Deliver a public education program, given the target audience and topic
1021—4-3.1	Module 1-4	Prepare community awareness programs
1021—4-3.1	Module 1-4	Prerequisite Knowledge
1021—4-3.1	Module 1-4	Prerequisite Skills
1021—4-3.1	Module 1-4	Prerequisite Skills
1021—4-3.1	Module 1-4	Prerequisite Knowledge
1021—4-5.2	Module 1-4	Develop a plan, given an identified fire safety problem
1021—4-5.2	Module 1-4	Prerequisite Skills
1021—4-5.2	Module 1-4	Prerequisite Skills
1021—5-3	Module 1-4	Community and Government Relations
1021—5-3.1	Module 1-4	Prerequisite Skills
1021—5-3.1	Module 1-4	Prerequisite Knowledge
1035—2-1.1	Module 3	General Knowledge-injury causes/prevention
1035—2-1.1	Module 1	General Knowledge-hazard identification and correction
1035—2-2.2	Module 1	Requisite Knowledge-classification for activities
1035—2-2.2*	Module 1	Requisite Knowledge-types of educational activity
1035—2-2.3	Module 4	Maintain a work schedule
1035—2-3	Module 1, 3, 4	Requisite Skills-Identify organizations with common fire and life safety goals, recognize opportunities for shared effort.
1035—2-3	Module 3, 4	Requisite Knowledge-community and organizations, fire and life safety issues, background information on the issues
1035—2-3	Module 4	Planning and Development-Identify partners for addressing fire and life safety issues
1035—2-4.1*	Module 4	Requisite Knowledge-learning characteristics of varied audiences and instructional material content
1035—2-4.1*	Module 4	Requisite Skills-Assess instructional materials, locate instructional materials
1035—2-4.4	Module 3, 4	Notify the public, given a scheduled event

1035—2-4.4	Module 3, 4	Requisite Knowledge-publicity methods, local media resources, policies regarding dissemination of information
1035—3-2.2	Module 4	Requisite Knowledge-resource availability and cost, budgetary methods or process
1035—3-2.2	Module 4	Requisite Skills-retrieve and organize past budget information, project expenditures
1035—3-3.1*	Module 1,2	Requisite Skills-collect data, analyze data, establish priorities
1035—3-3.1*	Module 1,3	Education priorities
1035—3-3.2	Module 4	Requisite Skills-Collect data, analyze data
1035—3-3.5	Module 3, 4	Requisite Skills
1035—3-3.5	Module 3, 4	Requisite Skills
1035—3-3.5	Module 3, 4	Participate in fire and life safety collaborative partnership
1035—3-3.5	Module 3, 4	Participate in fire and life safety collaborative partnership
1035—3-3.6	Module 4	Prepare a request for support resources
1035—3-3.6	Module 4	Requisite Skills
1035—3-4.1	Module 4	Develop informational material
1035—3-4.1	Module 4	Requisite Skills
1035—3-4.5	Module 4	Design a public fire and life safety education program
1035—3-4.5	Module 4	Requisite Knowledge
1035—4-1.2	Module 4	General requisite Skills
1035—4-3.1	Module 1, 3, 4	Requisite Knowledge
1035—4-3.1	Module 3, 4	interact with community groups, partnerships, and collaborative efforts
1035—4-3.1	Module 3, 4	organizational public fire and life safety education strategy
1035—4-3.2	Module 2, 4	A list of fire and injury priorities
1035—4-3.2	Module 3, 4	Requisite Knowledge
1035—4-3.2	Module 4	Requisite Skills
1035—4-3.3*	Module 3	Requisite Skills
1035—4-3.3*	Module 4	Project current fire and life safety issues
1035—4-4.4	Module 3, 4	Create an awareness campaign within the organization
1035—4-4.4	Module 4	Requisite Knowledge
1035—4-4.4	Module 4	Requisite Knowledge
1035—4-4.4	Module 3, 4	Requisite Skills
1035—4-4.5	Module 4	Requisite Skills

Course: Methods Of Enhancing Safety Education

August, 1997

Standard	Reference	Remarks
1035—2.3	IG 2-37; 3-3 to 3-12	Requisite Skills
1035—2-2.3	IG 3-25 to 3-27	Requisite Skills
1035—2-3	IG 3-3 to 3-12	Requisite Knowledge
1035—2-3	IG 3-3 to 3-12	Requisite Knowledge
1035—2-3	IG 2-37; 3-3 to 3-12; 3-19	Planning and Development
1035—2-4.6	IG 3-27 to 3-28; 3-48	Administer an evaluation instrument
1035—3-3.4*	IG 3-27 to 3-28; 3-48	Implement an evaluation strategy
1035—3-3.5	IG 3-25 to 3-27	Requisite Knowledge
1035—3-3.5	IG 3-19 to 3-27	Requisite Skills
1035—3-3.5	IG 3-19 to 3-27	Requisite Skills
1035—3-3.5	IG 2-37; 3-3 to 3-12	Participate in fire and life safety collaborative partnership
1035—3-3.5	IG 2-37; 3-3 to 3-12	Participate in fire and life safety collaborative partnership
1035—4-3.3*	IG 3-21	Requisite Skills

Course: Organizational Theory In Practice
May, 2000

Standard	Reference	Remarks
1021—2-2.6	IG Unit 6	Prerequisite Knowledge: Principles of supervision and basic human resource management.
1021—2-2.6	IG 9-23 to 9-27 Activity 9.	Prerequisite Skill: The ability to plan.
1021—3-2.1	IG 6-25 to 6-27 Activity 6.	Prerequisite Skills: To increase teamwork.
1021—3-2.1	IG 6-19 to 6-24	Prerequisite Knowledge: Leadership Styles.
1021—4-4.3	IG Unit 5	Prerequisite Skills: The ability to use evaluative methods and to communicate verbally and in writing.
1021—5-4.1	IG Unit 8	Prerequisite Skills: Forecasting and Organizing.
1021—5-6.1	IG Units 8 & 9	Prerequisite Skills: Familiarity with inter-agency planning and coordination.
1021—5-6.2	IG Units 8 & 9	Prerequisite Skills: Familiarity with inter-agency planning and coordination.

Course: Plans Review For Inspectors
January, 1983

Standard	Reference	Remarks
1031—3-2.4	IG 1-1 to 1-12, Activities 1	Recognize the need for plan review
1031—3-2.4	IG 1-1 to 1-7	Requisite Knowledge: Plan review policies
1031—3-3.1	IG 2-9 to 2-10	Requisite Knowledge: Occupancy classifications, codes, regulations, standards, fire hazards
1031—3-3.1	IG 2-9 to 1-12 (Activity 1)	Identify occupancy classification of single-use occupancy
1031—3-3.14	IG 3-17 to 3-21	Requisite Knowledge: interior finishes and flame spread only
1031—3-3.2	IG 3-9 to 3-16, Activity 2	Compute allowable occupant load of single-use occupancy
1031—3-3.2	IG 3-9 to 3-16	Requisite Knowledge: Occupancy classifications, codes, regulations, standards, fire hazards
1031—3-3.2	IG 3-9 to 3-16	Requisite Skills: calculate occupant loads, occupancy factors, etc
1031—3-3.3*	IG 3-9 to 3-16	Inspect means of egress elements
1031—3-3.6*	IG Unit 6	Requisite Knowledge: components and operation of fire detection and alarm systems
1031—3-3.6*	IG Unit 6	Determine operational readiness of existing fire detection and alarm systems
1031—3-3.7*	IG 3-21 to 3-22	Requisite Knowledge: portable fire extinguishers only
1031—4-3.1	IG 3-9 to 3-16	Requisite Knowledge: calculate occupant loads, codes, fire hazards
1031—4-3.1	IG 3-9 to 3-16	Requisite Skills: calculate occupant loads, occupancy factors, etc
1031—4-3.2	IG 2-9 to 2-12, 3-1 to 3-3	Requisite Knowledge: occupancy classifications, codes and standards, fire hazards
1031—4-4.1	IG 2-9 to 2-12 (Activity 1)	Classify occupancy type
1031—4-4.1	IG 2-9 to 2-10	Requisite Knowledge: Occupancy classifications, codes, regulations, standards, fire hazards
1031—4-4.2	IG 3-9 to 3-16, Activity 2	Compute occupant load
1031—4-4.2	IG 3-9 to 3-16	Requisite Knowledge: calculate occupant loads, codes, fire hazards
1031—4-4.2	IG 3-9 to 3-16	Requisite Skills: calculate occupant loads, occupancy factors, etc
1031—4-4.3	IG 3-21 to 3-22	Requisite Knowledge: portable fire extinguishers only
1031—4-4.4	IG 3-9 to 3-16	Verify egress elements are provided
1031—6-2.3	IG 1-10 to 1-12, Activities	Requisite Knowledge: Plan review policies, codes and standards, etc
1031—6-2.3	IG 1-10 to 1-12, Activities	Communicate process of plan submittal and review
1031—6-2.7	IG 3-1 to 3-22	Requisite Knowledge: Codes and standards, procedures, etc
1031—6-2.7	IG 3-1 to 3-22	Requisite Skills: conduct code-related research, interpret codes, make decisions

1031—6-3.10	IG 4-1 to 4-14, 5-1 to 5-19	Requisite Knowledge: types, installation, maintenance and use of building service equipment, etc
1031—6-3.10	IG 4-1 to 4-14, 5-1 to 5-19	Evaluate code compliance of heating, ventilation, air conditioning, and other building services and operations
1031—6-3.2	IG 2-9 to 2-12 (Activity 1)	Verify classification of occupancy type
1031—6-3.2	IG 2-9 to 2-10	Requisite Knowledge: Occupancy classifications, codes, regulations, standards, fire hazards
1031—6-3.3	IG 3-3 to 3-9	Requisite Knowledge: construction classification, components, methods, code requirements
1031—6-3.3	IG 3-3 to 3-9	Verify classification of construction type
1031—6-3.4	IG 3-9 to 3-16, Activity 2	Verify occupant load
1031—6-3.4	IG 3-9 to 3-16	Requisite Skills: calculate occupant loads, occupancy factors, etc
1031—6-3.4	IG 3-9 to 3-16	Requisite Knowledge: calculate occupant loads, codes, fire hazards
1031—6-3.7	IG Unit 2, Activities 1 and	Evaluate code compliance of emergency vehicle access
1031—6-3.7	IG Unit 2	Requisite Knowledge: operating requirements for fire department apparatus, etc
1031—6-3.8	IG 7-1 to 7-19	Recommend policies and procedures for delivery of plan review services
1031—6-3.8	IG 7-1 to 7-19	Requisite Knowledge: plan review policies and procedures, information sources
1031—7-3.2	IG 3-19 to 3-21	Requisite Knowledge: fire test methods only
1031—7-3.5	IG 6-1 to 6-67	Requisite Knowledge: codes and standards for fire protection systems, etc
1031—7-3.5	IG 6-1 to 6-67, Activities 1	Evaluate plans for installation of fire protection systems
1031—7-3.9	IG 3-9 to 3-16	Verify that egress elements are provided

**Course: Prevention and Mitigation Advocacy For Small Department Responders
January, 2001**

Standard	Reference	Remarks
1021—4-3.1	IG 1-4	Prerequisite Knowledge
1021—4-3.1	IG 3, IG 4	Prerequisite Skills
1021—4-3.1	IG 3, IG 4	Prerequisite Skills
1021—4-3.1	IG 1-4	Prepare community awareness programs to enhance the quality of life
1021—4-3.1	IG 1-4	Prerequisite Knowledge
1035—2-1.1	IG 1, IG 2, IG 3	organizational structure, function and operation; injury causes/prevention; hazard identification and correction; escape planning
1035—2-2.2*	IG 1, 2, 3, 4	types of educational activity
1035—2-3	IG 2	Recognize opportunities for shared effort
1035—2-3	IG 2, IG 4	Requisite Knowledge
1035—2-3	IG 2, IG 4	Requisite Knowledge
1035—2-3 Planning a	IG 2, IG 3	Identify partners for addressing fire and life safety issues
1035—2-4.4	IG 4	Requisite Knowledge
1035—3-1.1	IG 1	Learning theory
1035—3-2.1	IG 3	Budgetary process
1035—3-3.1*	IG 1-15	Requisite Knowledge: Content of reports and data
1035—3-3.5	IG 3, IG 4	Requisite Skills
1035—3-3.5	IG 3, IG 4	Requisite Skills
1035—4-1.1	IG 3	General Knowledge: Current organizational policy, procedures, guidelines.
1035—4-2.1	IG 3	budgeting methods, budget cycles that affect strategy
1035—4-3.1	IG 3, IG 4	Requisite Knowledge: Public fire and safety education issues; Requisite Skills: Interact with community groups, partnerships, and collaborative efforts
1035—4-3.2	IG 2, IG 4	Requisite Knowledge: potential community partners with shared concerns and resources; Requisite Skills: facilitate meetings
1035—4-3.3	Mod 1, IG 1	Project current fire and life safety issues; Requisite Knowledge
1035—4-3.4	IG 3	Procedures for legislative implementation

1035—4-4.4	IG 1, IG 3, IG 4	Create an awareness campaign within the organization, given identified public fire and life safety education goals and policies
1035—4-4.4	IG 3, IG 4	Requisite Knowledge
1035—4-4.4	IG 3, IG 4	Requisite Knowledge

Course: Principles Of Fire Protection: Structures and Systems
April, 1997

Standard	Reference	Remarks
1031—3-2.2	IG Chapter 5	Requisite Skills: interpret codes and standards, communicate
1031—3-2.3	IG Chapter 6	Recognize the need for a permit
1031—3-2.3	IG 6-21	Requisite Knowledge: permit policies
1031—3-2.5	IG 4-17, 6-36	Investigate common complaints
1031—3-2.5	IG 6-36	Requisite Skills: interpret codes and standards, communicate
1031—3-2.6	IG 4-17, 6-8 to 6-13	Maintain files
1031—3-2.7*	IG Chapter 2, 5-1 to 5-16	Identify applicable codes or standards
1031—3-2.7*	IG Chapters 2 and 5	Requisite Knowledge: codes and standards adopted
1031—3-3.1	IG Chapter 3	Identify occupancy classification of a single-use occupancy
1031—3-3.1	IG Chapter 3	Requisite Knowledge: occupancy classifications and standards, fire hazards
1031—3-3.10*	IG 4-61 to 4-63	Requisite Skills: emergency evacuation requirements
1031—3-3.10*	IG 4-61 to 4-63	Verify emergency planning and preparedness
1031—3-3.10*	IG 4-61 to 4-63	Requisite Knowledge: emergency evacuation drills
1031—3-3.12*	IG 4-44, 4-45, 4-49	Requisite Knowledge: classification, properties, labeling, storage, handling, use of flammable and combustible liquids and gases
1031—3-3.12*	IG 4-44, 4-45, 4-49	Verify code compliance for incidental storage, handling, and use of flammable and combustible liquids and gases
1031—3-3.14	IG 4-4	Recognize hazardous fire growth potential
1031—3-3.2	IG Chapter 3	Requisite Knowledge: occupancy classifications and standards, fire hazards
1031—3-3.2	IG Chapter 3	Requisite Skills: calculate occupant loads, etc
1031—3-3.2	IG Chapter 3	Compute occupant load of single-use occupancy
1031—3-3.4*	IG Chapter 3	Verify type of construction
1031—3-3.4*	IG Chapter 3	Requisite Knowledge: types of construction classifications
1031—3-3.5*	IG 1-9, Chapter 7	Requisite Knowledge: components and operation of fixed fire protection systems
1031—3-3.5*	IG 1-9, Chapter 7	Determine the operational readiness of existing fixed fire suppression systems
1031—3-3.6*	IG Chapter 7	Requisite Knowledge: components and operation of fire detection and alarm systems
1031—3-3.6*	IG Chapter 7	Determine the operational readiness of existing fire detection and alarm systems

1031—4-2.3	IG 2-5 to 2-49	Process a permit application
1031—4-2.3	IG 2-5 to 2-49	Requisite Knowledge: permit application process, codes, policies and procedures
1031—4-2.3	IG 2-5 to 2-49	Requisite Skills: communicate
1031—4-2.4	IG 3-1 to 3-147	Process a plan review application
1031—4-2.6	IG 6-36	Investigate complex complaints
1031—4-2.6	IG 6-36	Requisite Knowledge: codes and standards adopted
1031—4-2.6	IG 6-36	Requisite Skills: interpret codes and standards, communicate
1031—4-3.1	IG 3-110 to 3-115	Requisite Knowledge: calculate occupant loads, codes, fire hazards
1031—4-3.1	IG 3-110 to 3-115	Requisite Skills: calculate occupant loads, etc
1031—4-3.1	IG 3-110 to 3-115	Compute occupant load of multi-use building
1031—4-3.10	IG 4-1 to 4-88	Requisite Skills: typical hazards associated with processes or operations utilizing hazardous materials, etc
1031—4-3.10	IG 4-1 to 4-88	Requisite Knowledge: hazardous materials properties and hazards, MSDS, etc
1031—4-3.10	IG 4-1 to 4-88	Evaluate code compliance for the storage, handling, and use of hazardous materials
1031—4-3.11	IG 4-1 to 4-88	Requisite Knowledge: fire behavior, finishes and furnishings, housekeeping
1031—4-3.11	IG 4-1 to 4-88	Determine fire growth potential
1031—4-3.11	IG 4-1 to 4-88	Requisite Skills: observe, communicate, interpret codes
1031—4-3.2	IG 4-1 to 4-88	Requisite Skills: interpret codes and standards, communicate
1031—4-3.2	IG 4-1 to 4-88	Requisite Knowledge: occupancy classifications and standards, fire hazards
1031—4-3.2	IG 4-1 to 4-88	Identify occupancy classification of a multi-use occupancy
1031—4-3.3	IG 4-1 to 4-88	Requisite Skills: characteristics of each type of building construction
1031—4-3.3	IG 4-1 to 4-88	Requisite Knowledge: building construction, methods, fire rating and testing, etc
1031—4-3.3	IG 4-1 to 4-88	Determine type of construction in a new building
1031—4-3.4*	IG 7-1 to 7-48	Evaluate fire protection systems and equipment
1031—4-3.6*	IG 4-1 to 4-88	Requisite Skills: observe, communicate, interpret codes
1031—4-3.6*	IG 4-1 to 4-88	Requisite Knowledge: codes and standards, fire behavior, etc
1031—4-3.6*	IG 4-1 to 4-88	Evaluate hazardous conditions involving equipment, processes and operations
1031—4-3.7	IG 4-1 to 4-88	Requisite Skills: compare submitted plans and procedures
1031—4-3.7	IG 4-1 to 4-88	Requisite Knowledge: occupancy emergency evacuation plans, fire safety, etc
1031—4-3.7	IG 4-1 to 4-88	Evaluate emergency planning and preparedness procedures
1031—4-3.8	IG 7-1 to 7-48	Verify fire flows for a site
1031—4-3.8	IG 7-1 to 7-48	Requisite Knowledge: types of water distribution systems, water sources, etc

1031—4-3.9	IG 4-1 to 4-88	Requisite Skills: typical hazards associated with processes or operations utilizing flammable and combustible liquids, etc
1031—4-3.9	IG 4-1 to 4-88	Verify code compliance for incidental storage, handling, and use of flammable and combustible liquids and gases
1031—4-3.9	IG 4-1 to 4-88	Requisite Knowledge: properties of flammable and combustible liquids, etc
1031—4-4.1	IG 3-1 to 3-147	Classify occupancy type
1031—4-4.1	IG 3-1 to 3-147	Requisite Knowledge: occupancy classifications and standards, fire hazards
1031—4-4.1	IG 3-1 to 3-147	Requisite Skills: ability to read plans
1031—4-4.2	IG 3-1 to 3-147	Requisite Skills: calculate occupant loads, etc
1031—4-4.2	IG 3-1 to 3-147	Compute occupant load
1031—4-4.2	IG 3-1 to 3-147	Requisite Knowledge: calculate occupant loads, codes, fire hazards
1031—4-4.3	IG 3-1 to 3-147	Verify the installation of fire protection systems
1031—4-4.3	IG 3-1 to 3-147	Requisite Knowledge: proper selection, distribution, location and testing of portable fire extinguishers, etc
1031—4-4.3	IG 3-1 to 3-147	Requisite Skills: read basic floor plans
1031—4-4.4	IG 3-1 to 3-147	Requisite Skills: read plans, research codes and standards
1031—4-4.4	IG 3-1 to 3-147	Verify that egress elements are provided
1031—4-4.4	IG 3-1 to 3-147	Requisite Knowledge: codes and standards, field verification
1031—4-4.5	IG 3-1 to 3-147	Requisite Skills: characteristics of each type of building construction
1031—4-4.5	IG 3-1 to 3-147	Requisite Knowledge: building construction, methods, fire rating and testing, etc
1031—4-4.5	IG 3-1 to 3-147	Field verify construction type of a building
1031—5-2.10	IG Chapter 5	Requisite Skills: code-related research, etc
1031—5-2.11	IG 4-14	Requisite Skills: plan and organize
1031—5-2.2	IG Chapter 1	Requisite Knowledge: development of codes
1031—5-2.4	IG 2-5 to 2-49	Requisite Knowledge: legal precedence and various systems of government
1031—5-2.4	IG Chapter 3	Requisite Skills: construction methods and materials, etc
1031—5-2.5	IG 5-1 to 5-16	Requisite Knowledge: types and sources of publications
1031—5-2.6	IG Chapter 1 and 6	Requisite Knowledge: legal authority for permit issuance, etc
1031—5-2.7	IG Chapter 1	Requisite Knowledge: legal authority for review, codes and standards
1031—5-2.8	IG Chapter 1	Requisite Knowledge: legal procedure for code enforcement, etc
1031—5-3.1	IG Chapter 3	Assess alternative methods to adjust occupant loads
1031—5-3.1	IG Chapter 3	Requisite Knowledge: construction types only

1031—5-3.1	IG 4-61 to 4-63	Requisite Skills: evacuation plan procedures only
1031—5-3.2	IG Chapter 3	Requisite Knowledge: codes and standards, construction types, occupancy requirements, etc
1031—5-3.2	IG Chapter 3	Requisite Skills: read plans and reports only
1031—5-3.3	IG Chapter 3	Requisite Knowledge: construction types and occupancy requirements only
1031—5-3.4	IG Chapter 7	Requisite Knowledge: fire protection systems only
1031—5-3.5	IG 4-61 to 4-63	Requisite Knowledge: evacuation procedures only
1031—5-3.6	IG Chapter 3	Requisite Skills: ability to read plans
1031—5-3.7	IG Chapter 3	Requisite Skills: observe, communicate, interpret codes
1031—5-3.8	IG Chapter 4	Requisite Knowledge: properties of flammable and combustible liquids, etc
1031—5-3.8	IG Chapter 4	Evaluate alternative compliance measures for storage, handling, and use of flammable or combustible liquids and gases
1031—6-3.1	IG Chapter 3	Requisite Skills: ability to read plans
1031—6-3.2	IG Chapter 3	Verify classification of occupancy type
1031—6-3.3	IG Chapter 3	Requisite Skills: determine construction classification only
1031—6-3.3	IG Chapter 3	Requisite Knowledge: types of construction classifications only
1031—6-3.3	IG Chapter 3	Verify the classification of construction type
1031—6-3.4	IG Chapter 3	Verify occupant load
1031—6-3.4	IG Chapter 3	Requisite Skills: calculate occupant loads, etc
1031—6-3.4	IG Chapter 3	Requisite Knowledge: calculate occupant loads, codes, fire hazards

Course: Shaping the Future
September, 1995

Standard	Reference	Remarks
1021—3-2.1	IG pgs. 4-37 to 4-44	Prerequisite Skills
1021—3-2.1	IG pgs. 2-5 to 2-77; IG pg	Prerequisite Knowledge
1021—3-4.1	IG 4-27 to 4-49	Prepare recommendations for changes to an existing policy or procedure
1021—4-4.1	IG 3-49 to 3-63	Prerequisite Knowledge
1021—4-4.4	IG 3-5 to 3-65	Prerequisite Skills
1021—4-4.5	IG 3-5 to 3-65	Prerequisite Skills
1021—4-4.6	IG 3-5 to 3-65	Prerequisite Skills
1021—5-4.1	IG 2-65 to 2-77	Prerequisite Knowledge

**Course: Strategic Management Of Change
January, 2001**

Standard	Reference	Remarks
1021—2-2.6	IG 4-12	Principles of supervision
1021—3-2.1	IG Mod 3	Organizational behavior

Course: Training Operations in Small Departments
September, 2000

Standard	Reference	Remarks
1021—5-2.2	IG 6-6 to 6-10	Prerequisite Knowledge: Training resources
1021—5-2.2	IG 6-6 to 6-10	Prerequisite Knowledge: Training resources
1021—5-4.2	IG 3-5 to 3-18	Prerequisite Knowledge: needs assessment
1021—5-4.2	IG 2-21 and 2-22	Prerequisite Knowledge: training standards
1041—3.2.3.2	IG 3-23 to 3-27 Activity 3.	Prerequisite Skills: Resource analysis and forms completion
1041—3-2.2.1	IG 6-3 to 6-6	Prerequisite Knowledge: scheduling processes
1041—3-2.3.1	IG 6-6 to 6-10	Prerequisite Knowledge: sources of instructional materials
1041—3-2.3.1	IG 3-3 to 3-29	Prerequisite Knowledge: needs analysis
1041—3-2.4	IG 4-11 to 4-21	Acquire training resources according to agency policy
1041—3-2.5.1	IG 2-5 to 2-26	Prerequisite Knowledge: laws affecting records and disclosure of training information
1041—3-2.5.1	IG 2-21 and 2-20	Prerequisite Knowledge: professional standards applicable to training records
1041—3-2.5.1	IG 2-27 to 2-43	Prerequisite Knowledge: databases used for record keeping
1041—3-2.5.1	IG 2-5 to 2-26	Prerequisite Knowledge: laws affecting records and disclosure of training information
1041—3-2.5.2	IG 2-27 and 2-29 Activity	Prerequisite Skills: record auditing procedures
1041—3-2.5.2	IG 2-27 and 2-29 Activity	Prerequisite Skills: record auditing procedures
1041—3-3.2.1	IG 6-6 to 6-10	Prerequisite Knowledge: sources of references and materials
1041—3-3.2.2	IG 3-25 to 3-27 Activity 3.	Prerequisite Skills: student needs assessment
1041—3-3.3.1	IG 6-6 to 6-10	Prerequisite Skills: sources of references and materials
1041—3-3.3.2	IG 3-25 to 3-27 Activity 3.	Prerequisite Skills: student needs assessment
1041—3-4.3.1	IG 1-21 to 1-37	Prerequisite Knowledge: leadership techniques
1041—3-5.2	IG 6-12 to 6-14	Develop student evaluation instruments so that the evaluation instrument determines if the student has achieved the learning objectives
1041—3-5.2	IG 6-12	The instrument evaluates performance in an objective, reliable, and verifiable manner
1041—3-5.3	IG 6-13 to 6-15	Develop a class evaluation instrument so that students have the ability to provide feedback to the instructor on instructional methods
1041—3-5.3.1	IG 6-11 to 6-23	Prerequisite Knowledge: Evaluation methods
1041—4-2.2.1	IG 2-15 to 2-17	Prerequisite Knowledge: disclosure of information

1041—4-2.2.1	IG 2-15 to 2-17	Prerequisite Knowledge: disclosure of information
1041—4-2.7	IG 6-11 to 6-13	Present evaluation findings, conclusions, and recommendations to agency administrator
1041—4-3.2	IG 3-5 to 3-17	Conduct an agency needs analysis
1041—4-3.2.1	IG 3-3 to 3-21	Prerequisite Knowledge: needs analysis
1041—4-3.2.1	IG 6-11 to 6-15	Prerequisite Knowledge: development of evaluation instruments
1041—4-3.2.1	IG 3-3 to 3-21	Prerequisite Knowledge: needs analysis
1041—4-3.2.2	IG 3-23 to 3-27	Prerequisite Skills: needs and task analysis
1041—4-5.4	IG 6-11 to 6-15	Create a program evaluation plan

Course: Training Program Management
Version Date Not Specified

Standard	Reference	Remarks
1021—3-4.2	IG 5-16 to 5-20	Prerequisite Knowledge: Policies and Procedures
1021—3-4.2	IG 5-16 to 5-20	Prepare a budget request...
1021—4-4.1	IG 5-16 to 5-20	Prerequisite Knowledge: Repairs to existing facilities
1021—4-4.1	IG 5-16 to 5-20	Prerequisite Knowledge: New equipment, apparatus maintenance
1021—4-4.1	IG 5-16 to 5-20	Prerequisite Knowledge: The supplies and equipment necessary for existing and new programs
1021—4-4.1	IG 5-16 to 5-20	Develop a budget...
1021—4-4.1	IG 5-16 to 5-20	Prerequisite Knowledge: The supplies and equipment necessary for existing and new programs
1021—4-4.4	IG 3-23 to 3-32	Prerequisite Knowledge
1041—2-2.3	IG 3-27 to 3-32	Prepare training records and report forms
1041—2-2.3.1	IG 3-27 to 3-29	Prerequisite Knowledge: Types of records and reports required
1041—2-5.2	IG 6-41 to 6-43	Administer oral, written, and performance tests
1041—2-5.2.1	IG 6-41 to 6-43	Prerequisite Knowledge: Test administration
1041—2-5.2.1	IG 6-42	Prerequisite Knowledge: Laws affecting records
1041—2-5.2.1	IG 6-42	Prerequisite Knowledge: Disclosure of training information
1041—3.2.3.1	IG 4-3 to 4-8	Prerequisite Knowledge: Needs analysis
1041—3-2.3	IG 5-13 to 5-23	Formulate budget needs
1041—3-2.4	IG 5-16 to 5-20	Acquire training resources
1041—3-2.5	IG 3-27 to 3-32	Coordinate training record keeping
1041—3-2.5.1	IG 3-25 to 3-28	Prerequisite Knowledge: Record keeping process
1041—3-2.5.1	IG 3-31	Prerequisite Knowledge: laws affecting records and disclosure of training information
1041—3-2.5.1	IG 3-31	Prerequisite Knowledge: laws affecting records and disclosure of training information
1041—4-2.2	IG 3-23 to 3-32	Administer a training record system
1041—4-2.2.1	IG 3-31	Prerequisite Knowledge: Legal requirements
1041—4-2.5	IG 6-15 to 6-17	Construct a performance based instructor evaluation plan
1041—4-2.5.1	IG 6-5 to 6-17	Prerequisite Knowledge: Evaluation methods
1041—4-3.2	IG 4-3 to 4-8	Conduct an agency needs analysis, given agency goals, so that instructional needs are identified

1041—4-3.2.1	IG 4-3 to 4-8	Prerequisite Knowledge: needs analysis
1041—4-3.2.1	IG 4-3 to 4-8	Prerequisite Knowledge: needs analysis

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Standard	Reference	Remarks
1021—2-2.1	IG 2-53 to 2-59; Activity 2.	Prerequisite Skills
1021—2-2.2	IG 2-53 to 2-59; Activity 2.	Prerequisite Skills
1021—2-2.6	IG 4-45 to 4-57	Prerequisite Knowledge: basic human resource management
1021—2-2.6	IG 2-19 to 2-23; Activity 2.	Prerequisite Skills: the ability to plan
1021—2-2.6	IG 2-49 to 2-57; Activity 2.	Prerequisite Skills: the ability to plan and to set priorities
1021—3-2.1	IG 7-49 to 7-59	Prerequisite Knowledge: types of power
1021—3-2.1	IG 7-31 to 7-45	Prerequisite Knowledge: leadership styles
1021—3-4.2	IG 8-73 to 8-89	Prerequisite Knowledge: revenue resources
1021—3-4.2	IG 8-21 to 8-65	Prerequisite Knowledge: budget process
1021—4-4.1	IG 8-27 to 8-73	Prerequisite Knowledge: Appropriate budgeting system
1021—4-4.1	IG 8-27 to 8-73	Prerequisite Knowledge: Appropriate budgeting system
1021—5-1.1	IG 9-5 to 9-45	General Prerequisite Knowledge: legal