



AH-221, Damage Inspection Specialist (DINS) Course Plan

Course Details

Description:	This course is designed to provide the skills and knowledge needed to perform in the role of a Damage Inspection Specialist. Topics include position overview; supplies and equipment; assignments; Damage Inspection Manager (DINM) expectations; communications; documentation; navigation; safety, and data collection.
Designed For:	Damage Inspection Specialist (DINS), All-Hazards
Authority:	None
Prerequisites:	Introduction to Incident Command System (IS-100); and ICS for Single Resources and Initial Action Incidents (IS-200.b); and National Incident Management System (NIMS), An Introduction (IS-700.a); and Basic Land Navigation (NWCG) (PMS-475); and Fire Fighter I; or CAL FIRE Basic Fire Fighter (minimum of 67-hour course); or Firefighter Training, (NWCG) (S-130); or Incident Safety Awareness for Hired Vendors, State Fire Training
Corequisites:	None
Standard:	Attend all course hours, and complete all in-class activities and homework assignments (as applicable)
Hours:	Lecture: 09:45 Activities: 06:15 Testing: 00:00
Hours (Total):	16:00
Maximum Class Size:	40
Instructor Level:	Primary

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Instructor/Student Ratio: 1:40

Restrictions: None

SFT Designation: FSTEP

Required Resources

Instructor Resources

To teach this course, instructors need:

- Damage Inspection Specialist (DINS) Course Plan
 - <http://osfm.fire.ca.gov/training/SFTCurriculum>
- ICS-1910, Damage Inspection Specialist (DINS) and Damage Inspection Manager (DINM) Position Manual
 - <http://firescope.org/>
- NWCG PMS-461 Incident Response Pocket Guide (current edition)
 - <https://www.nwcg.gov/>
- FIRESCOPE ICS-420-1, Field Operations Guide (current edition)
 - <http://firescope.org/>

Student Resources

To participate in this course, a student needs (if required by instructors):

FIRESCOPE ICS-420-1, Field Operations Guide (current edition)

- <http://firescope.org/>

NWCG PMS-461 Incident Response Pocket Guide (current edition)

- <https://www.nwcg.gov/>

- Handheld GPS Unit
- Smart device
- Laptop computer (optional)

Facilities, Equipment, and Personnel

The following facilities, equipment, or personnel are required to deliver this course:

Facilities

Standard classroom set up for up to 40 students

Projector for audio/visual presentations

Internet access

Unit 1: Course Introduction

Topic 1-1: Course Introductions

Terminal Learning Objective

At the end of this topic, a student will be able to identify the instructors, students, facility and classroom requirements of this course.

Enabling Learning Objectives

1. Identify instructors through self-introduction
 - Name
 - Agency
 - Experience with damage inspection
2. Identify students through self-introductions
 - Name
 - Agency
 - Experience with damage inspection
3. Identify the facility and classroom requirements during instruction
 - Restroom locations
 - Exits
 - Start and end times
 - Breaks
 - Electronic device policies
 - Special needs and accommodations
 - Other requirements as applicable

Discussion Questions

1. Are there any questions?

Activities

1. Pair students in teams of two for student introduction and field exercise

Topic 1-2: Course Description and Objectives

Terminal Learning Objective

At the end of this topic, a student will understand the instructor's expectations, course schedule, and course objectives during instruction.

Enabling Learning Objectives

1. Identify the instructor's expectations during instruction
 - The course is designed to be interactive and class participation is encouraged
 - The course contains several exercises designed to facilitate group and class discussion
2. Review the course schedule
3. Identify the course objectives during instruction
 - Have a thorough understanding of what damage inspection is and its purpose, and where the Damage Inspection Specialist (DINS) fits in the ICS organizational structure
 - Have a thorough understanding of the responsibilities of a DINS

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- Know the responsibilities upon arrival at an incident which includes: check in, work location, whom to report to, and with whom to establish and maintain communications
- Have a thorough understanding of all aspects of the damage inspection process relating to the assignment as a DINS
- Have a thorough understanding of the purpose of the Incident Action Plan (IAP) and Operational Briefing
- Have a thorough understanding of the specific hazards inherent with and the PPE requirements of all-hazards incident
- Have a thorough understanding of the importance of radio operations and communications, the incident's communication plan, the cause and effect of radio interference and signal loss
- Have a thorough understanding of when to debrief with the DINM and what information to provide during the debriefing

Discussion Questions

1. Why are you here?
2. Where can the Damage Inspection Specialist (DINS) be located within the incident organization?
3. When does the Damage Inspection Specialist (DINS) debrief with the Damage Inspection Manager (DINM)?

Activities

1. To be determined by the instructor

Topic 1-3: General Knowledge Requirements

Terminal Learning Objective

At the end of this topic, a student will understand how to qualify as a DINS based upon the DINS Qualification Guide.

Enabling Learning Objectives

1. Identify qualification guide requirements for qualification as a DINS
 - Introduction to Incident Command System (IS-100); **and**
 - ICS for Single Resource and Initial Action Incidents (IS-200.b); **and**
 - National Incident Management System (NIMS), An Introduction (IS-700.a); **and**
 - Basic Land Navigation (NWCG) (PMS-475); **and**
 - Completion of the DINS course (FIREScope AH-221); **and**
 - Completion of the DINS Position Task Book (PTB); **and**
 - Fire Fighter 1; **or**
 - CAL FIRE Basic Fire Fighter (minimum of 67-hour course); **or**
 - Firefighter Training (NWCG) (S-130); **or**
 - Incident Safety Awareness for Hired Vendors, State Fire Training
2. Additional recommended trainings:
 - Human Factors in the Wildland Fire Service (L-180)
 - Field Observer (S-244)

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3. The California Incident Command Certification System (CICCS) is the approving authority for qualifications
 - CICCS is a cooperative effort between the Office of the State Fire Marshal (OSFM) and the California Governor's Office of Emergency Services (Cal OES), Fire and Rescue Branch
 - State Fire Training (SFT) is an OSFM responsibility
 - Cal OES manages the movement of fire service resources throughout the state during times of an emergency

Discussion Questions

1. Can your agency's Fire Chief approve your qualification as a DINS?

Activities

1. To be determined by the instructor

Instructor Note

1. In addition, the instructor is encouraged to reference the qualifications guide for DINM.

Topic 1-4: Course Requirements

Terminal Learning Objective

At the end of this topic, a student will understand the course completion requirements.

Enabling Learning Objectives

1. Identify successful course completion requirements
 - Sign the course roster each day
 - Attend all 16 hours of instruction
 - Participate in all activities
 - Complete a class evaluation

Discussion Questions

1. Does everyone understand how to successfully complete this course?

Activities

1. To be determined by the instructor

Unit 2: Position Overview

Topic 2-1: Position Description

Terminal Learning Objective

At the end of this topic, a student, given an all-hazards emergency scenario will be able to describe what damage inspection is, to whom the DINS reports to, and the primary interactions within the Planning Section so that information can be compiled in a report working through an Incident Planning Section to the properly coordinated public agencies.

Enabling Learning Objectives

1. Describe what damage inspection is
 - A systematic survey of an incident for collecting and recording damage to property, infrastructure, environmental resources, and other items as needed
2. Describe the purpose of damage inspection
 - To inspect the area within the incident perimeter to identify damage and record data
 - To provide data for the Incident Status Summary (ICS-209) for effective decision making
 - Provide more accurate information for news releases by the Public Information Officer (PIO) to keep the public quickly and accurately informed
 - To provide data to assist with potential disaster declaration
 - To provide a clear understanding of the impact the disaster is having and provide information for loss analysis
 - To provide information for a variety of uses and agencies (federal/tribal, state, local and private)
 - To assist with recovery efforts
 - For research and regulation/ordinance validation
3. Describe to whom the DINS reports to
 - DINS functions within the Planning Section
 - DINS functions within the Situation Unit
 - DINS will report to and work under the direction of the Damage Inspection Manager (DINM)
4. Discuss the primary interaction within the Planning Section
 - Planning Section Chief (PSC) – DINS probably won't have any interaction with the PSC if following the chain of command
 - Situation Unit Leader (SITL)
 - Damage Inspection Manager (DINM)
 - Geographic Information System Specialist (GISS)

Discussion Questions

1. Whom does the DINS report to?
2. How does the DINS interact within the Planning Section (PSC, SITL, DINM, GISS)?

Activities

1. To be determined by the instructor

Instructor Note

1. Instructor is encouraged to reference the ICS-1910 DINS/DINM Position Manual

Topic 2-2: Responsibilities

Terminal Learning Objective

At the end of this topic, a student, given a learning environment and equipment will be able to identify the DINS position in the Field Operations Guide (FOG) and understand the responsibilities of a DINS so these responsibilities are completed within the requirements and regulations of the Authority Having Jurisdiction (AHJ).

Enabling Learning Objectives

1. Identify the DINS position within the FOG
2. Describe the responsibilities of the DINS
 - Review Common Responsibilities (Chapter 1 of the FIRESCOPE ICS 420-1 FOG)
 - Receive assignment and assess current situation
 - Check in and receive a briefing from the Damage Inspection Manager or Situation Unit Leader (SITL) if the DINM is not available
 - Set up work location designated by the DINM
 - Attend daily incident Operational and Damage Inspection briefings
 - Obtain a copy of the Incident Action Plan (IAP) for the current operational period
 - Obtain all necessary equipment and supplies
 - Secure/clone portable radio(s) with all incident frequencies consistent with the current Incident Radio Communications Plan (ICS-205). Identify appropriate radio designator for use on the incident.
 - Establish communication with the appropriate Division/Group Supervisor
 - Work as member of a damage inspection team
 - Conduct a systematic search of assigned inspection area
 - Collect information pertaining to incident caused losses to property, infrastructure, environmental resources, and other items as needed
 - Complete required forms and documentation according to the AHJ specifications
 - Mark the property as determined by the DINM
 - Report information to the DINM by established procedure
 - Immediately report and document any condition observed that may cause danger and/or a safety hazard to personnel
 - After each operational period, provide for a debriefing, ensure submission of collected data, and complete data validation activities
 - Resupply expended materials prior to next operational period
 - Conduct self within agency policy, procedures and Incident Management Team (IMT) expectations
 - Demobilize according to the Incident Demobilization Plan
 - Maintain a Unit/Activity Log (ICS-214)

Discussion Questions

1. List some of the duties and expectations the DINS?

Activities

1. To be determined by the instructor

Unit 3: Assignment

Topic 3-1: Preparing for the Assignment

Terminal Learning Objective

At the end of this topic, a student, given a simulated all-hazards assignment will be able to describe how to prepare for an assignment as a DINS so that the student is self-sufficient to perform the duties of an assignment in the field.

Enabling Learning Objectives

1. Discuss the contents of the personal supplies inventory to be assembled for deployment
 - DINS kit
 - Personal field pack
 - Personal Protective Equipment (PPE)
 - Personal travel pack (out of jurisdiction/strike team bag/red bag)
2. Discuss the considerations for packing personal items
 - Hiking
 - Reconfiguring inventory based upon possible assignment
 - Temperature extremes - Hot or cold
 - Inclement weather - Rain, snow, fog, and lightning
3. Discuss pre-deployment issues
 - DINS should be prepared to be deployed with limited access to purchasing personal items
 - Be prepared for moderate physical activity
 - Be prepared temperature extremes and inclement weather

Discussion Questions

1. Give examples of “nice-to-have” personal equipment?

Activities

1. To be determined by the instructor

Instructor Notes

1. Physical fitness requirements will be determined by the AHJ for moderate physical activity. See CICCIS qualifications guide for general language.

Topic 3-2: Receiving the Assignment

Terminal Learning Objective

At the end of this topic, a student, given a simulated all-hazards assignment will be able to describe the resource ordering process, what information is contained in a Resource Order and Status System (ROSS) order, and how to obtain a copy of the resource order specific to the DINS so that proper individual resource tracking and deployment can be properly documented during the term of the assignment on an incident.

Enabling Learning Objectives

1. Describe the resource ordering process
 - How a request is generated in ROSS

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- Correct qualification information entered in the ROSS
 - Individual tracking number while assigned to an incident
2. Describe the information contained within the resource order
 - Incident name
 - Incident number
 - Request number
 - Incident phone number
 - Financial codes
 - Reporting location
 - Reporting date and time (date/time needed vs. date/time arrival)
 - Position assigned
 - Special needs pertinent to the assignment
 3. Describe how to obtain a copy of your resource order
 - Review agency procedures for obtaining the resource order
 - From your dispatch center

Discussion Questions

1. What is the purpose of the incident and request numbers?

Activities

1. To be determined by the instructor

Topic 3-3: Travel to the Incident

Terminal Learning Objective

At the end of this topic, a student, given agency procedures for an incident response will be able to secure an approved means of transportation to the incident, determine appropriate vehicles to utilize during the assignment, determine a safe travel plan, and approved communications are maintained within the guidelines of authorizing incident command and AHJ.

Enabling Learning Objectives

1. Discuss AHJ procedures to determine an approved means of transportation to the incident
 - Review agency procedures for accessing an approved means of transportation
 - Airfare
 - Agency vehicle
 - Rental vehicle
 - Personal vehicle
 - Ground Support Unit
2. Discuss the types of vehicles needed while assigned as a DINS
 - Pickup or SUV
 - 4X4
3. Discuss travel plan to get to the incident
 - Utilize maps, GPS
 - Plan rest stops

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- Review agency procedures for long distance travel
- 4. Describe what to communicate to your dispatch center while traveling to the incident
- 5. Discuss what radio frequencies to monitor while traveling to the incident
 - CERS – California Emergency Service Radio System
 - Command frequency once closer to the incident

Discussion Questions

1. What are your agency's procedures for securing an approved vehicle?

Activities

1. To be determined by the instructor

Topic 3-4: Checking in at the Incident

Terminal Learning Objective

At the end of this topic, a student, given procedures and responsibilities performing as a DINS will be able to check in at an incident so that the DINS will locate and meet the DINM, and/or other incident support positions as determined, and determine check in procedures with your agency.

Enabling Learning Objectives

1. Describe the procedure for check in at the incident
 - Personnel accountability
 - Resource Unit status keeping
 - Locating personnel for emergency notifications
 - Establishing personnel time records
 - Release planning
 - Demobilization
 - Locations to check in at (Incident Command Post (ICP), Incident Base or Camp, Resources Unit in Planning Section, Staging)
 - Ask for location of the Situation Unit and who the DINM is
2. Discuss locating and meeting with the DINM
 - Receive expectations for the assignment
3. Discuss locating Planning Section support
 - Training Specialist (Position Task Book (PTB))
 - Documentation Unit (ICS-214, ICS-225)
 - Demobilization Unit (ICS-221)
4. Discuss locating Logistical Section support
 - Supply Unit (ice chest, hand tool, flagging, spray paint, batteries, etc.)
 - Food Unit (food, drinks, ice)
 - Communications Unit (incident loaned radio, radio cloning)
 - Medical Unit (medical supplies and treatment)
 - Ground Support Unit (vehicle inspections and repairs)
 - Facilities Unit (accommodations, work space needs)
5. Discuss locating Finance Section Support
 - Cal OES Agency Representative (F-42 local government)

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- Time Unit (FC-33 for CAL FIRE and CTR for federal agencies)
 - Know what agreement you were ordered under so appropriate financial paperwork can be completed (CFAA, CFMA, Assistance-by-Hire, Mutual Aid, other)
 - Follow Department financial procedures while assigned
 - Comp/Claims Unit (injuries/illnesses and incident caused vehicle/property damage)
6. Discuss other Incident Base locations of importance to the DINS
 7. Describe checking in with your agency

Discussion Questions

1. Where should the DINS check in when first arriving to an incident?
2. Why is it important to locate the Cal OES Agency Representative?
3. Why is it important to familiarize yourself with key locations within the Incident Base?

Activities

1. To be determined by the instructor

Unit 4: Inspection Process

Topic 4-1: Initial Damage Inspection Process

Terminal Learning Objective

At the end of this topic, a student, given simulated all-hazard incidents and identified tools will be able to describe the initial survey, the DINS team composition, and the training needs prior to deployment to the field so that resources are deployed within the guidelines of the AHJ and the incident jurisdiction.

Enabling Learning Objectives

1. Discuss damage assessment (a.k.a. initial survey or windshield survey)
 - A fast, limited detail survey to assess the amount and type of damage within the incident perimeter
 - Assess the incident size, scope, and impact to the surrounding areas
 - Utilized early in an incident
 - Not used on all incidents
 - Data use is varied and limited because the assessment has not been validated
 - The information gathered can assist in the determination of a disaster declaration
 - Can identify data collection needs
2. Discuss DINS team assignments
 - Minimum of 2 personnel per team
 - Establish DINS team identifiers
 - Team composition should consist of one person familiar with the damage inspection process (experienced DINS) and a subject matter expert for the type of incident
 - Other team members can consist of Technical Specialists (e.g., law enforcement, hazardous materials, building official, structural engineer, etc.)
3. Discuss training needs prior to deployment to the field
 - What training is needed specific to the incident
 - Provide data collection training to those unfamiliar with the electronic data collection process utilized at the incident

Discussion Questions

1. What is the minimum number of personnel per DINS team?
2. What personnel should a DINS team consist of?
3. What is damage assessment and what is its purpose?

Activities

1. To be determined by the instructor

Topic 4-2: Data Collection

Terminal Learning Objective

At the end of this topic, a student, given multiple simulated all-hazard incidents will understand the data collection needs of all-hazard incidents and how the data will be collected based on the guidelines of the AHJ.

Enabling Learning Objectives

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1. Discuss the all-hazard incidents a DINS can be deployed to
 - Discuss what type of data should be collected based on the incident type
 - Discuss data needs for the AHJ, FEMA, and other agencies
2. Discuss the data collection needs of the incident
 - Any type of data can be documented
 - Incident specific
 - Incident type
 - Location
 - Type of property, infrastructure, environmental resources, and other items as needed
 - Percent of damage/destruction
 - Construction features
 - Picture(s)
 - On structures greater than 120 square feet
 - Capture structures with no damage to validate statistics (incident determined)
3. Discuss how the data will be collected
 - Data will be documented electronically utilizing a smart device (agency specific)
 - Data will be documented on handwritten form if the electronic data collection method is unavailable or fails

Discussion Questions

1. Describe ways data can be collected in the field?
2. Describe what data is typically collected in the field?
3. Identify different types of incidents a DINS can be deployed to?

Activities

1. To be determined by the instructor

Topic 4-3: Field Data Collection Process

Terminal Learning Objective

At the end of this topic, a student, given elements of a field data collection process will be able to describe the field data collection process while maintaining safety and communication within the proper chain of command.

Enabling Learning Objectives

1. Describe the field data collection process
 - Upon arriving at the assigned inspection area, check in with the Division/Group Supervisor
 - Ensure GPS unit is turned on and properly set up for track logs to track the day's progress
 - Conduct a systematic search for data collection efforts
 - Inspect all properties
 - Document damaged and destroyed property, infrastructure, environmental resources, and other items as needed electronically using an electronic data collection process
 - Document damage and destroyed property, infrastructure, environmental resources, and other items as needed on handwritten form if the electronic data collection process is unavailable or fails

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- Mark the property inspected as determined by the DINM
- Immediately report and document any accident, injury or illness through the chain of command
- Reporting progress and accountability as required by the DINM
- Immediately report and document any condition observed that may cause danger and/or a safety hazard to personnel
- Any additional requests or special needs
- Stay within your assigned inspection area unless otherwise instructed (no freelancing)
- If traveling between divisions, check out with the current Division/Group Supervisor and check in with the new Division/Group Supervisor
- Check in with the DINM upon returning to the Incident Base

Discussion Questions

1. Describe the field data collection process?
2. Who does the DINS check in and out with when deployed to the field?

Activities

1. To be determined by the instructor

Topic 4-4: Deliverables

Terminal Learning Objective

At the end of this topic, a student, given agency collection procedures and analysis of damage inspection information will be able to determine what the incident damage inspection information may be used for, by whom, and timelines for information reporting so that accurate information is collected and properly disseminated within the guidelines of the incident command assignment.

Enabling Learning Objectives

1. Describe what damage inspection information may be used for and by whom
 - Damage inspection information provides a clear understanding of the impact the disaster is having and provides information for loss analysis
 - Determines damage associated with the incident to property, infrastructure, environmental resources, and other items as needed
 - Damage inspection information is utilized by many positions within the Incident Command System (DINM, SITL, PSC, IC, PIO, LOFR)
 - Damage inspection information is utilized by many agencies involved in the incident
 - Damage inspection information is utilized by FEMA/Cal OES for recovery efforts
 - Damage inspection information may be utilized by other federal/tribal, state, local and private entities
 - Damage inspection information can be utilized for research and regulation/ordinance analysis
 - ICS-209 reporting
2. Discuss the timelines for the information needed
 - Data collection information needs to be reported daily to the DINM
 - DINS must conduct a daily validation of data documented during the operational period

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- DINS may assist the DINM with completion of the Damage Inspection Report after the field damage inspection has been completed

Discussion Questions

1. Describe who within the Incident Command System would be interested in the damage inspection information collected?
2. What purpose could the damage inspection information collected be used for?

Activities

1. To be determined by the instructor

Unit 5: Incident Action Plan and Operational Briefing

Topic 5-1: Incident Action Plan (IAP)

Terminal Learning Objective

At the end of this topic, a student, given an incident action plan (IAP) will be able to determine the purpose of the IAP and where to obtain a copy of the IAP prior to assignment so that incident command system processes are followed and tactical operations are safely completed within the defined elements of the IAP and the AHJ.

Enabling Learning Objectives

1. Determine the purpose of the IAP
 - An IAP is a written plan comprised of a series of standard forms and supporting documents that convey the Incident Commander's intent and the Operations Section's direction for the accomplishment of the plan for that Operational Period
 - Most incidents will create a new IAP for each operational period throughout an incident
 - Can be written or verbal
 - Written IAPs may not be developed during the early stages of an incident
 - Ensures ICS processes are followed
 - Contains direction for future actions
 - Contains measurable tactical operations to be met
 - An IAP is established for a specific period of time
 - DINSs should be familiar with the components of the IAP
2. Describe where the DINS can obtain a copy of the IAP
 - Operational Briefing
 - Planning Section
 - Copy trailer

Discussion Questions

1. What is the purpose of the IAP?
2. Where can the DINS obtain a copy of the IAP?

Activities

1. To be determined by the instructor

Topic 5-2: Components of the IAP

Terminal Learning Objective

At the end of this topic, a student will be able to discuss the components of the IAP and understand the relevance of each ICS form to the DINS on the incident.

Enabling Learning Objectives

1. Discuss the components of the IAP and their relevance to the DINS
 - Incident Objectives ICS-202
 - Organization Assignment List ICS-203
 - Fire Weather Forecast
 - Fire Behavior Forecast

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- Safety Message
- Incident Safety Analysis ICS-215A
- Division/Group Assignment List ICS-204
- Incident Radio Communications Plan ICS-205
- Medical Plan ICS-206
- Special Instructions
- Unit/Activity Log ICS-214
- Incident Maps

Discussion Questions

1. Which ICS form found within the IAP identifies where the DINS will be working during the assigned operational period?
2. Who develops the Medical Plan ICS-206?
3. What is the purpose of the Unit/Activity Log ICS-214?

Activities

1. To be determined by the instructor

Topic 5-3: Operational Briefing

Terminal Learning Objective

At the end of this topic, a student, given a simulated operational briefing will be able to describe the purpose of and items presented at an Operational Briefing and Division Breakout so that the assigned elements of the IAP are managed safely during the operational period within the established guidelines of the IAP and the proper chain of command.

Enabling Learning Objectives

1. Describe the purpose of and items presented at the Operational Briefing
 - Conducted at the beginning of each operational period
 - Presents the IAP for the upcoming operational period
 - Hosted by the PSC and should be concise
 - Incident objectives
 - Situation and resource status
 - Division/group assignments
 - Safety and hazard message
 - Weather message
 - Communication Plan
2. Describe the purpose of and items presented at the division breakout
 - Meet the Division/Group Supervisor for accountability
 - Review plan for the Division/Group by the Division/Group Supervisor

Discussion Questions

1. What information is provided during an Operational Briefing?
2. What information is provided during the Division Breakout?
3. Why is it important to meet with the Division/Group Supervisor?

Activities

1. To be determined by the instructor

Instructor Notes

1. Instructor is encouraged to reference an IAP as an example

Unit 6: Safety Considerations

Topic 6-1: Personal Safety

Terminal Learning Objective

At the end of this topic, a student, given simulated emergency scenarios will be able to discuss all-hazard incidents and the safe management of their personal position so that personal safety considerations are observed and followed while identifying incident scene hazards that get reported through the chain of command.

Enabling Learning Objectives

1. Describe all-hazard incidents personal safety considerations
 - Use full PPE as required by the incident type
 - PPE shall be approved by the employee's agency policy and procedures
 - Maintain personal fitness
 - Get acclimated to hot and moderate conditions before assignment
 - Ensure adequate rest
 - Stay hydrated – 2 to 3 bottles of water to 1 sports drink
 - Eat to replace spent nutrients and energy
 - Review heat stress and cold, wet weather conditions
 - You have the RIGHT to receive a Safety Briefing prior to initiating your work assignment
 - Review Lookout, Communication, Escape Routes, and Safety Zones (LCES)
 - Establish decision points
 - Establish escape routes and safety zones
 - Know your location
 - Manage risk utilizing the "Turn Down" process located in the IRPG Specific Hazards and All-Hazards Response sections
 - Communications

Discussion Questions

1. Why is it important for the DINS to be acclimated to the environment prior to the work assignment?
2. Why is it important to always know your location on the incident?

Activities

2. To be determined by the instructor

Topic 6-2: All-Hazard Incidents

Terminal Learning Objective

At the end of this topic, a student, given simulated emergency scenarios will be able to describe hazardous situations and understand their relevance to the role of the DINS on all-hazard incidents and the safe management of their personal position so that personal safety considerations are observed and followed while identifying incident scene hazards that get reported through the chain of command.

Enabling Learning Objectives

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1. Discuss hazards and how they affect the role of the DINS on all-hazard incidents
 - Hazard trees and tree falling operations
 - Explosives
 - Aircraft operations
 - Power lines
 - Hazardous materials
 - Animals and wildlife
 - Illegal operations
 - Structure stability
 - Flood waters
 - Debris flow
 - Severe storms/lightning
 - Earthquake
 - Tornado
 - Hurricane
 - Civil unrest
 - Sovereign Citizens

Discussion Questions

1. Why should the DINS be concerned about hazards?

Activities

1. To be determined by the instructor

Topic 6-3: Wildland Fire Incident Hazards

Terminal Learning Objective

At the end of this topic, a student, given the Standard Firefighting Orders, Watch Out Situations, Common Denominators of Fire Behavior on Tragedy Fires will be able to determine and describe essential risk management guidelines designed to protect the DINS; so that general concepts of personal safety are constantly maintained with considerations for Lookouts, Communications, Escape Routes, and Safety Zones (LCES), Temporary Refuge Areas (TRA), and firefighter training, if applicable.

Enabling Learning Objectives

1. Describe the Ten Standard Firefighting Orders
 - The fundamental directives that all wildland firefighters should base their decisions
 - Developed by the US Forest Service in 1957 to study ways to prevent firefighter injuries and fatalities
 - The identification of 10 common factors that contributed to fatalities
 - Located inside the front cover of the FOG
 - Located on the back cover of the Incident Response Pocket Guide (IRPG 2014)
2. Describe the 18 Watch Out Situations
 - Developed after the Ten Standard Fire Orders and are more specific to cautionary activities
 - Located inside the back cover of the FOG

- Located on the back cover of the IRPG
3. Discuss Common Denominators of Fire Behavior on Tragedy Fires
 - Developed in the 1970s and identified four common denominators of fire behavior that cause fatalities on wildland fire
 - Located inside the front cover of the FOG
 - Located in the IRPG page 5
 4. Describe LCES – Lookouts, Communications, Escape Routes, and Safety Zones
 - Complements the Ten Standard Fire Orders
 - Lookout
 - Communications
 - Escape Routes
 - Safety Zones
 - Located in Chapter 14 – Wildland Urban Interface (WUI) Structure Defense of the FOG
 - Located in the IRPG page 7
 5. Describe the term Temporary Refuge Area (TRA)
 - Not a substitute for a Safety Zone
 - A preplanned area where firefighters can immediately take refuge for temporary shelter and short-term relief without using a fire shelter if emergency egress to an established Safety Zone is compromised
 - Located in Chapter 14 – Wildland Urban Interface (WUI) Structure Defense of the FOG
 6. Describe areas to temporarily avoid until conditions are safe
 - Active fire front
 - Firing operations
 - Mid slope roads, chutes, chimneys, saddles
 - See Topic 6-2 for additional hazards

Discussion Questions

1. What are the Ten Standard Fire Orders?
2. What are the 18 Watch Out Situations?
3. Will the DINS be responsible for LCES while assigned to the field?

Activities

1. To be determined by the instructor

Unit 7: Communications

Topic 7-1: Communications

Terminal Learning Objective

At the end of this topic, a student, given radio operational procedures and communication guidelines will be able to determine radio operations and communications so that the incident's communication plan is followed, while managing cause and effects of radio interference and signal loss operating common radios used at the incident.

Enabling Learning Objectives

1. Describe the importance of radio operations and communications
 - Radio communications is a critical safety component on every incident
 - Radio communication issues are usually a contributing factor in responder deaths and injuries
 - Checking out a radio at the Incident
 - Cloning a radio at the Communication Unit
 - Radio etiquette (radio 101, clear text)
2. Describe the Incident Communications Plan
 - Where to find the Communications Plan
 - Interpreting the Incident Communications Plan ICS-205
 - Connecting the ICS-205 to the ICS-204 Assignment List for the DINS
3. Describe the causes and effects of radio interference and signal loss
 - Terrain and environmental factors
 - Mechanical and electrical interference
 - Weather impacts
 - Line of site and out of site transmissions
4. Describe common models of radios used at incidents
 - Discuss agency specific radios
 - Add additional types of radios utilized on an incident

Discussion Questions

1. What is the ICS form number for the Incident Communications Plan?
2. Why is it important for the DINS to have their radio cloned at the Communications Unit?
3. What causes can affect radio reception?
4. What communication information is listed on the ICS-204?

Activities

1. To be determined by the instructor

Unit 8: Debriefing and Demob

Topic 8-1: Debriefing

Terminal Learning Objective

At the end of this topic, a student, given a simulated all-hazards incident scenarios and established debriefing information will be able to describe the information communicated to the DINM during the shift and at the end of the assignment so that a complete and thorough debriefing is completed and significant information is passed over so that the proper elements of documentation are noted while maximum safety for others is maintained, noting hazardous areas, and close out remaining documents.

Enabling Learning Objectives

1. Describe the debriefing information provided to the DINM and other DINS teams during the shift
 - Check in (for accountability coming off the line)
 - Progress, or lack of, on assignment
 - Challenges and successes
 - Injuries, illnesses, and accidents
 - Political and important public contacts
 - Needs for the following shift
 - Safety issues encountered
 - Turn in completed forms and documentation
2. Describe the debriefing information provided to the DINM at the end of the assignment
 - Report any requested information by the DINM
 - What went right
 - What went wrong
 - Recommendations for future assignments
 - Safety issues
 - Replenish supplies used
 - Complete and turn in all required forms and documentation
 - Receive an Incident Personnel Performance Rating (ICS-225)

Discussion Questions

1. What information should be given to the DINM during the after shift debriefing?
2. What information should be given to the DINM during the end of assignment debriefing?

Activities

1. To be determined by the instructor

Topic 8-2: Demob

Terminal Learning Objective

At the end of this topic, a student will be able to describe the demobilization process.

Enabling Learning Objectives

1. Describe the demob process

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- Ensure all required incident forms and reports are completed to the appropriate standard prior to leaving the incident
- DINS will be declared excess by the DINM
- DINS will report to the Demob Unit at the designated date and time
- Obtain the Demobilization Checkout form (ICS-221) from the Demob Unit
- Report to the designated locations identified on the ICS-221
- Return all borrowed property
- Once the ICS-221 is complete, return it to the appropriate person
- Demob Unit will advise of reassignment or clearance to return to the employees AHJ
- DINS will advise the Demob Unit of the estimated time of arrival (ETA) to destination
- Notify employees AHJ of release or reassignment and ETA to destination
- Advise employees AHJ upon arriving at destination

Discussion Questions

1. Where does the demob process start?
2. What form is used to document the demob process?

Activities

1. To be determined by the instructor

Time Table

Segment	Lecture Time	Activity Time	Total Unit Time
Unit 1: Course Introduction			
Topic 1-1: Instructor Introductions			
Lecture	0:10		
Activity 1-1: Introduce team member		0:30	
Topic 1-2: Course Description and Objectives			
Lecture	0:10		
Topic 1-3: General Knowledge Requirements			
Lecture	0:05		
Topic 1-4 Course Requirements			
Lecture	0:05		
Unit 1 Totals	0:30	0:30	1:00
Unit 2: Position Overview			
Topic 2-1: Position Description			
Lecture	0:30		
Topic 2-2: Responsibilities			
Lecture	0:30		
Unit 2 Totals	1:00	0:00	1:00
Unit 3: Assignment			
Topic 3-1: Preparing for the Assignment			
Lecture	0:15		
Activity 3-1: S-110 Video		0:15	
Topic 3-2: Receiving the Assignment			
Lecture	0:10		
Topic 3-3: Travel to the Incident			
Lecture	0:05		
Topic 3-4: Checking in at the Incident			
Lecture	0:15		
Activity 3-4: Checking in Exercise		0:30	
Unit 3 Totals	0:45	0:45	1:30
Unit 4: Inspection Process			
Topic 4-1: Initial Damage Inspection Process			
Lecture	0:45		
Topic 4-2: Data Collection			
Lecture	2:00		
Activity 4-2: Data Collection Process		1:00	
Topic 4-3: Field Data Collection Process			
Lecture	0:45		
Activity 4-3: Field Data Collection Process		3:00	

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Topic 4-4: Deliverables			
Lecture	0:30		
Unit 4 Totals	4:00	4:00	8:00
Unit 5: Incident Action Plan and Operational Briefing			
Topic 5-1: Incident Action Plan (IAP)			
Lecture	0:10		
Topic 5-2: Components of the IAP			
Lecture	0:10		
Activity 5-2: IAP Exercise		0:20	
Topic 5-3: Operational Briefing			
Lecture	0:10		
Activity 5-3: Operational Briefing Video		0:10	
Unit 5 Totals	0:30	0:30	1:00
Unit 6: Safety Considerations			
Topic 6-1: Personal Safety			
Lecture	0:20		
Topic 6-2: All-Hazard Incidents			
Lecture	0:20		
Topic 6-3: Wildland Fire Incident Hazards			
Lecture	0:20		
Unit 6 Totals	1:00	0:00	1:00
Unit 7: Communications			
Topic 7-1: Communications			
Lecture	1:00		
Activity 7-1: Radio Use		0:30	
Unit 7 Totals	1:00	0:30	1:30
Unit 8: Debriefing and Demob			
Topic 8-1: Debriefing			
Lecture	0:30		
Topic 8-2: Demob			
Lecture	0:30		
Unit 8 Totals	1:00	0:00	1:00
Lecture, Activity, and Unit Totals:	9:45	6:15	16:00

Course Totals

Total Lecture Time (LT)	9:45
Total Activity Time (AT)	6:15
Total Testing Time (TT)	0:00
Total Course Time	16:00