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Unit 1: Course Introduction

Time: 50 minutes

INTRODUCTION

This course is designed to provide participants with the knowledge and tools to guide them in performing multiple tasks when preparing for a tropical cyclone season, hurricane, or any related effects. This unit introduces participants to the instructor(s), to each other, and to the course.

OBJECTIVES

At the conclusion of this unit, participants should be able to:

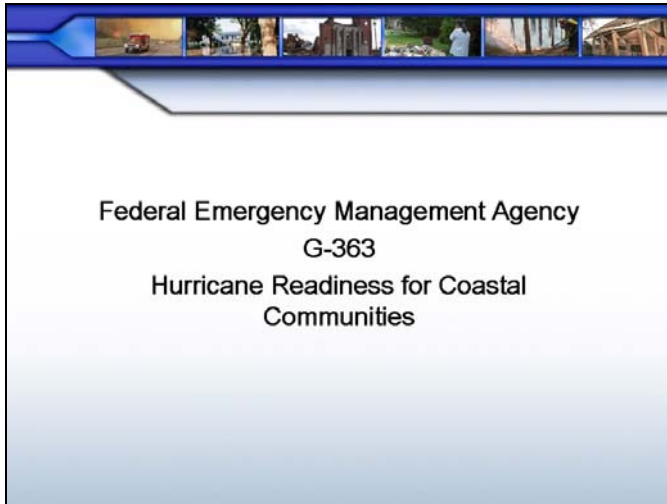
1. Identify the course instructors and participants;
2. List course goals and overall objectives;
3. Discuss the course agenda and schedule;
4. Describe the course materials; and
5. Explain the classroom ground rules and administrative procedures.

METHODOLOGY

The instructor(s) will conduct an activity in which the participants, instructors, and guest speakers introduce each other using a worksheet that describes the other person's roles and responsibilities for hurricane readiness and their experiences in their jurisdictions.

After the introductions are completed, the instructor will give the course overview (goal, objectives, and agenda) and explain the course materials.

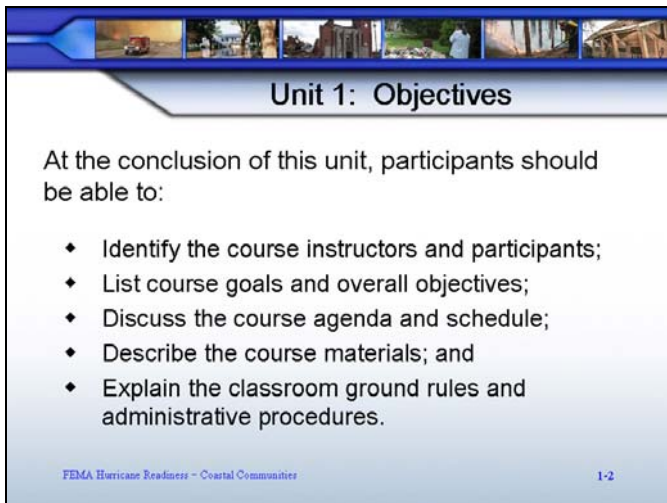
Welcome and Introductions



Visual 1-1

Notes:

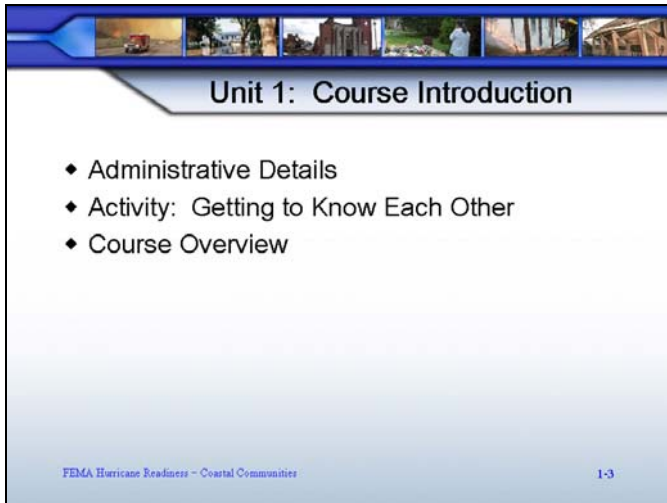
Unit 1: Objectives



Visual 1-2

Notes:

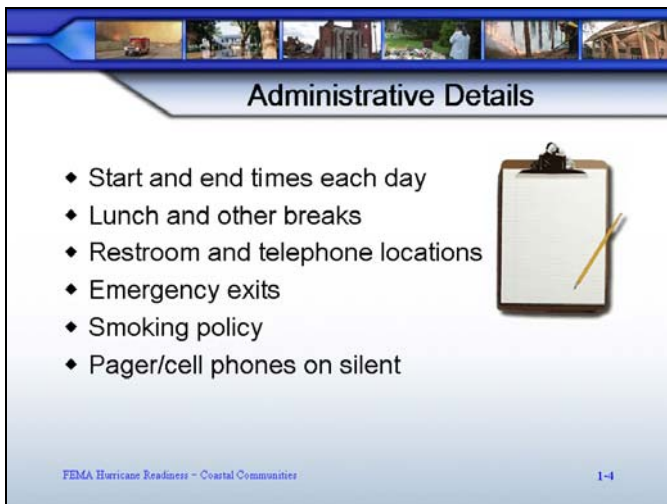
Unit 1: Course Introduction



Visual 1-3

Notes:

Administrative Details



Visual 1-4

Notes:

Activity 1:1—Getting to Know Each Other

Directions:

1. Take turns with your partner asking each other the questions listed below.
2. Take notes, as necessary, so that you can introduce your partner when the group reconvenes.

WORKSHEET

1. What is your name? _____

2. Which organization do you represent? (title) _____

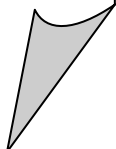
3. What is your role in hurricane-related responsibilities? _____

4. What experiences have you had with hurricanes, and a concern or challenge that you face in your job related to hurricanes?

Note: Describe any experiences with hurricanes that will help your classmates become familiar with your background. Highlight important lessons you learned during those experiences.

Or, instead of listing experiences, describe what you would like to learn about hurricane readiness in this course.

5. What is your hobby?



Course Background

Course Background

Hurricane Readiness Challenges:

- ◆ Areas are vulnerable to hurricanes
- ◆ Population is growing and seasonal
- ◆ Population is not experienced with hurricanes
- ◆ Forecasting technology has limitations
- ◆ Hurricanes are not just a coastal problem

Elected and emergency management officials must make critical decisions to save lives and protect property.

FEMA Hurricane Readiness - Coastal Communities 1-3

Visual 1-5

Notes:

Course Goal

Course Goal

Develop a **Hurricane Readiness Checklist** that covers tasks to be accomplished within your functional areas.

The checklist should also address internal and external communication and coordination issues required for effective operation.

FEMA Hurricane Readiness - Coastal Communities 1-6

Visual 1-6

Notes:

Course Objectives

Course Objectives

1. Explain the hazards associated with a hurricane for their local areas.
2. Use NWS advisory products to determine the level of threat that an approaching storm poses.
3. Describe technical information from Hurricane Evacuation Studies (HES), HURREVAC, and other sources that can be used when developing or evaluating an integrated and comprehensive Hurricane Readiness Checklist for local jurisdictions.

FEMA Hurricane Readiness - Coastal Communities 1-7

Visual 1-7

Notes:

Course Objectives (cont'd.)

Course Objectives (continued)

4. Describe the communication and coordination efforts needed within a jurisdiction, with other jurisdictions and agencies, and with the State throughout the hurricane action planning process.
5. Develop a Hurricane Readiness Checklist as a guide for time-phased actions.
6. Identify community/individual performance needs and the training needed to meet them.

FEMA Hurricane Readiness - Coastal Communities 1-8

Visual 1-8

Notes:

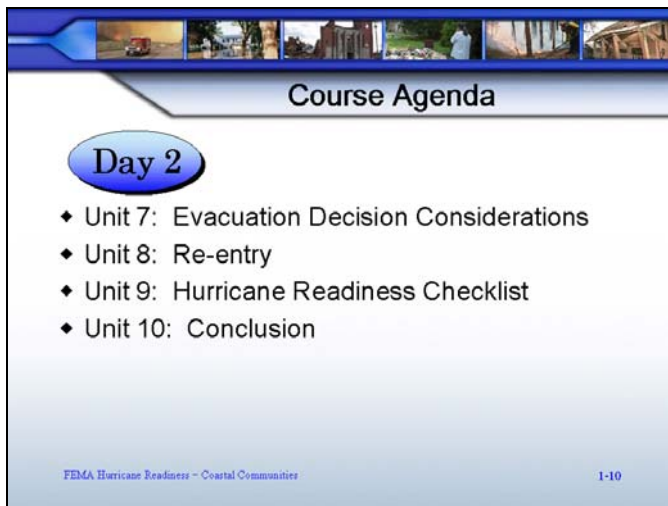
Course Agenda



Visual 1-9

Notes:

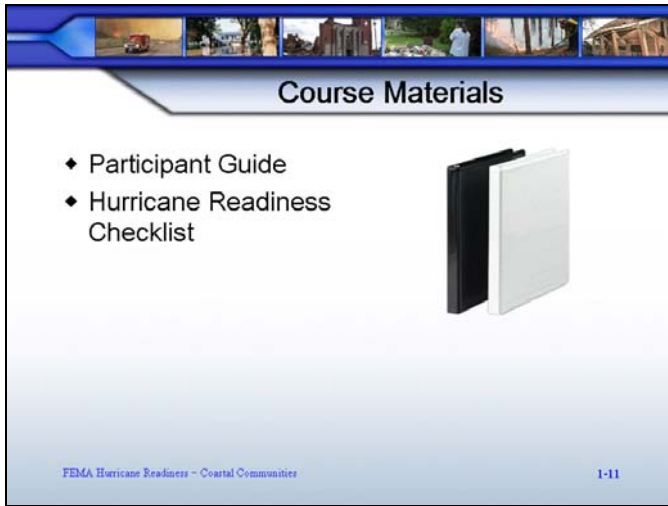
Course Agenda (cont'd.)



Visual 1-10

Notes:

Course Materials



Visual 1-11

Notes:

Transition to Unit 2: Hurricane Readiness

Notes:

Unit 1— Appendix

FEMA—G-363 HURRICANE READINESS FOR COASTAL COMMUNITIES

ACRONYMS, TERMS, AND DEFINITIONS

ACRONYMS, TERMS	DEFINITION
ALTM	Airborne Laser Terrain Mapping
AMSI	American National Standards Institute
ASCE	American Society of Civil Engineers
BPAT	Building Performance Assessment Team
DAE	Disaster Assistance Employee
DAMN	Decision Arc Maps
DHS	Department of Homeland Security
DOT	Department of Transportation
ECT	Evacuation Clearance Time
EENET	Emergency Education Network
EMI	Emergency Management Institute
EMS	Emergency Management System
EOP	Emergency Operations Plan
ESF	Emergency Support Function
ETIS	Evacuation Traffic Information System
FEMA	Federal Emergency Management Agency
FIRMETTES	Flood Insurance Rate Maps
FRP	Federal Response Plan
GIS	Geographic Information System
HAP	Hurricane Action Plan
HAZUS	“Hazards US” GIS program used by FEMA for damage loss estimation
HAZUS-MH	“Hazards US” for multi-hazards
HES	Hurricane Evacuation Study
HLY	Hurricane Local Statements
HMGP	Hurricane Mitigation Grant Program

ACRONYMS, TERMS	DEFINITION
HURREVAC	Hurricane Evacuation
LEPC	Local Emergency Planning Committee
LIDAR	Light Detection Ranging
MWFHR	Main Wind Force Resisting System
NHC	National Hurricane Center
NOAA	National Oceanic & Atmospheric Administration
NOW	Short-Term Forecasts
NWS	National Weather Service
OREMS	Oak Ridge Evacuation Modeling System
PPA	Performance Partnership Agreement
RFC	River Forecast Centers
SBCCI	Southern Building Code Congress International
SLOSH	Sea, Lake, and Overland Surges from Hurricanes
SOP	Standard Operating Procedure
STAPLEE	Social, Technical, Administrative, Policy, Legal, Economic, Environmental
STM	Storm Tide Maps
TDR	Technical Data Report
TDS	Time Delineating Schedule
TPC	Tropical Prediction Center
USACE	United States Army Corps of Engineers
USGS	United States Geological Survey
UTC	Coordinated Universal Time
WAWTAP	Wind and Water Technical Assistance Program
WFO	Weather Forecast Office