
UNIT 4: CERT BASIC TRAINING

UNIT 2 REVIEW

In this unit you will review the following information about *CERT Basic Training* Unit 2:

- **Unit Purpose**
- **Unit Objectives**
- **Key Points to Be Made in the Unit**
- **Training Videos Relevant to the Unit**
- **The Hands-on Activities in the Unit and How to Conduct Them Correctly**
- **How This Unit Connects to the Other Units**

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COMMUNITY EMERGENCY RESPONSE TEAM TRAIN-THE-TRAINER COURSE

UNIT 4: CERT BASIC TRAINING UNIT 2 REVIEW

LEARNING OBJECTIVES/ PERFORMANCE OUTCOMES	At the conclusion of this unit, the participants will be able to demonstrate knowledge of the <i>CERT Basic Training</i> course Unit 2.
SCOPE	<p>The topics that will be discussed in this unit are:</p> <ul style="list-style-type: none">▪ <i>T-T-T</i> Unit Overview▪ Unit 2 Purpose▪ Unit 2 Learning Objectives▪ Unit 2 Key Topics▪ Training Videos in Unit 2▪ Hands-On Activities in Unit 2▪ Tips for Teaching Unit 2▪ How Unit 2 Connects to Other <i>Basic Training</i> Units▪ <i>T-T-T</i> Unit Summary
ESTIMATED COMPLETION TIME	45 minutes
TRAINING METHODS	<p>The instructor begins by asking what the purpose and learning objectives of the <i>Basic Training</i> unit are. The instructor then asks participants to identify how the objectives are met in the unit.</p> <p>Next the instructor reviews the key topics of the <i>Basic Training</i> unit and indicates what training videos are recommended for the unit.</p> <p>The focus of this <i>T-T-T</i> unit is on the hands-on activities: their purpose, what latitude instructors have in conducting them, and the correct way to conduct them.</p> <p>Finally the instructor reviews how the <i>Basic Training</i> unit is connected to the other units in the <i>CERT Basic Training</i> course.</p> <p>Please be advised that, as a general rule, the instructor is encouraged to add pertinent information to this guide, but should never subtract material.</p>

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RESOURCES REQUIRED

- *Community Emergency Response Team Train-the-Trainer Instructor Guide* (for Train-the-Trainer instructors)
- *Community Emergency Response Team Train-the-Trainer Participant Manual* (for all participants)
- *Community Emergency Response Team Basic Training Instructor Guide* (for all participants)
- PowerPoint slides 4-1 to 4-15

EQUIPMENT

The following additional equipment is required for this unit:

- A computer with PowerPoint software
- A computer projector and screen
- Two ABC dry chemical fire extinguishers

PREPARATION

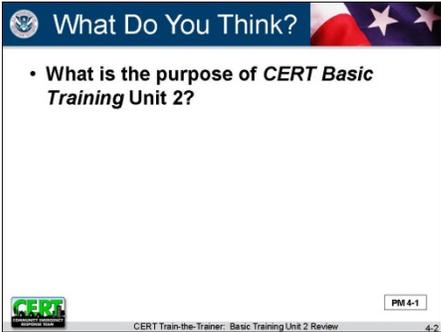
None required.

NOTES

A suggested time plan for this unit is as follows:

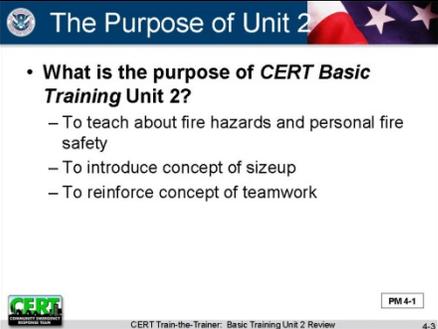
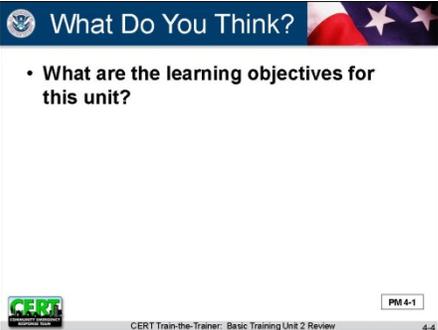
<i>T-T-T</i> Unit Overview	1 minute
Unit 2 Purpose	1 minute
Unit 2 Learning Objectives	10 minutes
Unit 2 Key Topics	2 minutes
Training Videos in Unit 2	1 minute
Hands-On Activities in Unit 2.....	15 minutes
Tips for Teaching Unit 2	13 minutes
How Unit 2 Connects to Other <i>Basic Training</i> Units.....	1 minute
<i>T-T-T</i> Unit Summary	1 minute
Total Time: 45 minutes	

Unit 4: CERT Basic Training Unit 2 Review

INSTRUCTOR GUIDANCE	CONTENT
 <p>Display Slide 4-1</p>	<p><i>T-T-T Unit Overview</i></p> <p>Explain that this unit reviews the content and activities in <i>CERT Basic Training</i> Unit 2. It also looks at how Unit 2 connects to the other units in the <i>CERT Basic Training</i> course.</p>
<p>Encourage participants to use the <i>CERT Basic Training</i> Instructor Guide to find the answers to the questions.</p>  <p>Display Slide 4-2</p> <p>Conduct a class discussion based on this question.</p>	<p><i>Unit 2 Purpose</i></p> <p>What is the purpose of <i>CERT Basic Training</i> Unit 2?</p>

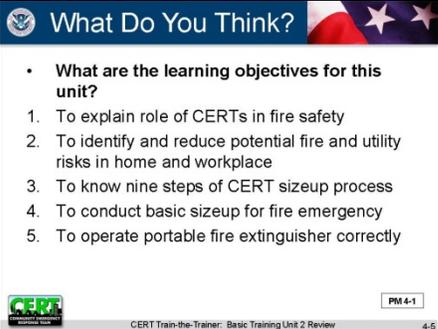
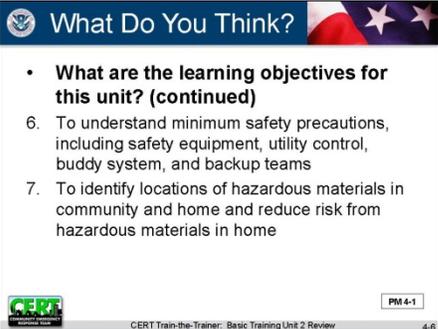
COMMUNITY EMERGENCY RESPONSE TEAM TRAIN-THE-TRAINER COURSE

UNIT 4: CERT BASIC TRAINING UNIT 2 REVIEW

INSTRUCTOR GUIDANCE	CONTENT
 <p>The Purpose of Unit 2</p> <ul style="list-style-type: none">• What is the purpose of <i>CERT Basic Training Unit 2</i>?<ul style="list-style-type: none">– To teach about fire hazards and personal fire safety– To introduce concept of sizeup– To reinforce concept of teamwork <p><small>CERT Train-the-Trainer: Basic Training Unit 2 Review 4-3</small></p>	<p>Summarize the discussion by reviewing the slide.</p> <p>The purpose of <i>CERT Basic Training Unit 2</i> is to:</p> <ul style="list-style-type: none">▪ Teach about fire hazards and personal fire safety▪ Introduce the concept of sizeup▪ Reinforce the concept of teamwork
 <p>What Do You Think?</p> <ul style="list-style-type: none">• What are the learning objectives for this unit? <p><small>CERT Train-the-Trainer: Basic Training Unit 2 Review 4-4</small></p> <p>Display Slide 4-4</p> <p>Conduct a class discussion based on this question.</p>	<p><i>Unit 2 Learning Objectives</i></p> <p>What are the learning objectives for this unit?</p>

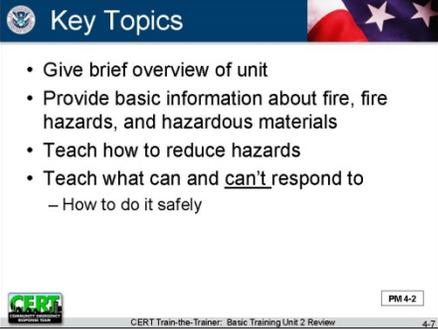
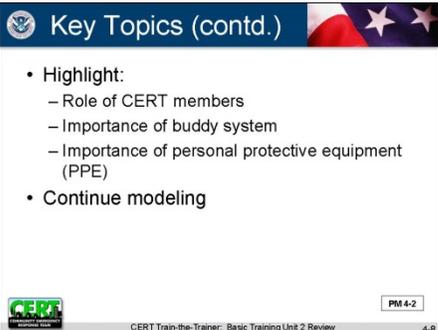
COMMUNITY EMERGENCY RESPONSE TEAM TRAIN-THE-TRAINER COURSE

UNIT 4: CERT BASIC TRAINING UNIT 2 REVIEW

INSTRUCTOR GUIDANCE	CONTENT
 <p>• What are the learning objectives for this unit?</p> <ol style="list-style-type: none">1. To explain role of CERTs in fire safety2. To identify and reduce potential fire and utility risks in home and workplace3. To know nine steps of CERT sizeup process4. To conduct basic sizeup for fire emergency5. To operate portable fire extinguisher correctly <p><small>CERT Train-the-Trainer: Basic Training Unit 2 Review 4-5</small></p>	<p>Summarize the discussion by reviewing the slides.</p> <p>Give the learning objectives for this unit:</p> <ol style="list-style-type: none">1. To explain the role of CERTs in fire safety2. To identify and reduce potential fire and utility risks in the home and workplace3. To know the nine steps of the CERT sizeup process4. To conduct a basic sizeup for a fire emergency5. To operate a portable fire extinguisher correctly
<p>Display Slide 4-5</p>  <p>• What are the learning objectives for this unit? (continued)</p> <ol style="list-style-type: none">6. To understand minimum safety precautions, including safety equipment, utility control, buddy system, and backup teams7. To identify locations of hazardous materials in community and home and reduce risk from hazardous materials in home <p><small>CERT Train-the-Trainer: Basic Training Unit 2 Review 4-6</small></p>	<ol style="list-style-type: none">6. To understand minimum safety precautions, including safety equipment, utility control, buddy system, and backup teams7. To identify the locations of hazardous materials in the community and home and reduce the risk from hazardous materials in the home
<p>Display Slide 4-6</p>	<p>Emphasize that this unit is full of important information – information upon which the rest of the <i>Basic Training</i> is founded (buddy system, sizeup, limitations of CERTs, etc.).</p>

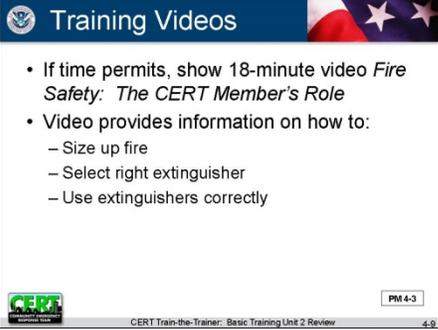
COMMUNITY EMERGENCY RESPONSE TEAM TRAIN-THE-TRAINER COURSE

UNIT 4: CERT BASIC TRAINING UNIT 2 REVIEW

INSTRUCTOR GUIDANCE	CONTENT
 <p>Key Topics</p> <ul style="list-style-type: none">• Give brief overview of unit• Provide basic information about fire, fire hazards, and hazardous materials• Teach how to reduce hazards• Teach what can and <u>can't</u> respond to<ul style="list-style-type: none">– How to do it safely <p><small>CERT Train-the-Trainer: Basic Training Unit 2 Review 4-7</small></p> <p>Display Slide 4-7</p>  <p>Key Topics (contd.)</p> <ul style="list-style-type: none">• Highlight:<ul style="list-style-type: none">– Role of CERT members– Importance of buddy system– Importance of personal protective equipment (PPE)• Continue modeling <p><small>CERT Train-the-Trainer: Basic Training Unit 2 Review 4-8</small></p> <p>Display Slide 4-8</p>	<p><i>Unit 2 Key Topics</i></p> <p>Explain that, in this unit, the instructor needs to do the following:</p> <ul style="list-style-type: none">▪ Give a brief overview of the unit and the material that will be covered.▪ Give basic info about fire and fire hazards:<ul style="list-style-type: none">• In the home and workplace• Hazardous materials▪ Teach people what they can do to reduce the hazards in the home and workplace.▪ Teach people what fires and hazardous materials they can and <u>can't</u> respond to and how to do it safely.▪ Highlight the:<ul style="list-style-type: none">• Role of CERT members• Importance of the buddy system• Importance of personal protective equipment (PPE)▪ Continue modeling:<ul style="list-style-type: none">• PPE demonstration• Personal and family safety comes first• Team building• Emphasize the motto: Do the greatest good for the greatest number in the shortest amount of time.• “What if” scenarios: What would you do if the ground started shaking, if the fire alarm went off, etc.?

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INSTRUCTOR GUIDANCE	CONTENT
 <p>Training Videos</p> <ul style="list-style-type: none">• If time permits, show 18-minute video <i>Fire Safety: The CERT Member's Role</i>• Video provides information on how to:<ul style="list-style-type: none">– Size up fire– Select right extinguisher– Use extinguishers correctly <p>Display Slide 4-9</p>	<h3><i>Training Videos for Unit 2</i></h3> <p>If time permits, the 18-minute video <i>Fire Safety: The CERT Member's Role</i> is recommended for this unit. The video provides information on how to size up the fire and select the right extinguisher, as well as how to use extinguishers correctly.</p> <p>The video is available for download at the National CERT Web site https://www.fema.gov/cert/.</p>
 <p>Hands-On Activities</p> <ul style="list-style-type: none">• Suppressing Small Fires <p>Display Slide 4-10</p> <p>Refer participants to <i>Basic Training</i> Instructor Guide, p. 2-54, so they can follow the content.</p>	<h3><i>Hands-on Activities in Unit 2</i></h3> <h4>Suppressing Small Fires (<i>Basic Training</i> IG p. 2-54)</h4> <p><u>Purpose</u></p> <p>To provide hands-on practice in two key areas of fire suppression:</p> <ol style="list-style-type: none">1. Using a portable fire extinguisher to suppress a small fire (as identified by the 5-second standard). If a CERT member cannot suppress the fire within 5 seconds after beginning to apply the product, he or she should back away.2. Applying teamwork to fire suppression. It is essential that people understand that they are not only preventing damage due to small fires but they are also making the area safe for themselves and others. <p><u>Latitude to Adapt</u></p> <p>Even if you don't use the full burn pan setup, walk participants through the steps to extinguish a fire.</p>

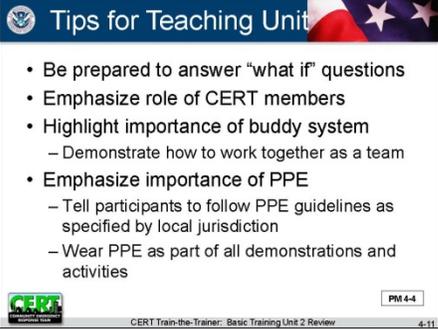
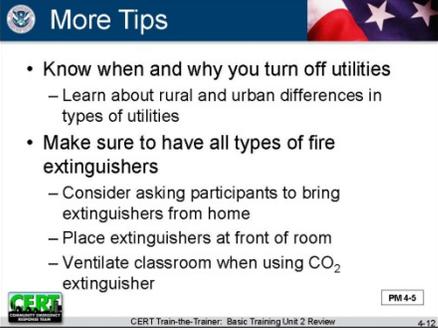
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INSTRUCTOR GUIDANCE	CONTENT
	<p><u>How to Do the Activity Correctly</u></p> <ol style="list-style-type: none"><li>1. Ensure that all of the participants are dressed properly and wear safety equipment.<li>2. Be sure to work with fire department for assistance in building and operating a fire pan.<li>3. Check with your State fire marshal about guidelines for open burning.<li>4. Make sure that you have enough fire extinguishers for the participants. Many fire extinguisher service companies will provide Class ABC portable extinguishers for the final activity in this unit. Contact local companies for support.<li>5. This exercise requires two instructors: Instructor 1 will lead the exercise. Instructor 2 will observe and serve as the exercise Safety Officer.<li>6. Follow the exercise instructions completely.<li>7. Be prepared for the questions that typically arise after this exercise. For example, one question that might arise is “What happens when the fire is extinguished after 5 seconds?” The response would be “Back out with your buddy.” Another question that might arise is “What happens if my extinguisher runs out?” The response is “Your buddy has an extinguisher.”

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INSTRUCTOR GUIDANCE	CONTENT
 <p>Display Slide 4-11</p>  <p>Display Slide 4-12</p>	<p><i>Tips for Teaching Unit 2</i></p> <ul style="list-style-type: none">▪ Be prepared to answer the “what if” questions.▪ Emphasize the role of CERT members. Make the distinction that <i>CERT Basic Training</i> does not teach people how to become firefighters.▪ Highlight the importance of the buddy system. Demonstrate how to work together as a team.▪ Emphasize the importance of PPE. Tell participants to follow PPE guidelines as specified by the local jurisdiction. When demonstrating activities in this unit (and others), instructors must wear PPE as part of the actual in-house demonstration.▪ Know when and why you turn off utilities.▪ Learn about the rural and urban differences in the types of utilities. Make sure that instructors are familiar with what the local utilities are and how to respond to them. For example, natural gas and propane react differently, and it is important for CERT members to know procedures for each.▪ Make sure that you have all types of fire extinguishers.<ul style="list-style-type: none">• Consider asking participants to bring extinguishers from home.• Place the extinguishers up front at the beginning of the session. Fire extinguishers are inherently interesting and will focus trainees on fire attack/fire suppression.• If CO₂ extinguishers are used for demonstration in the classroom, be sure to open the classroom doors for ventilation.

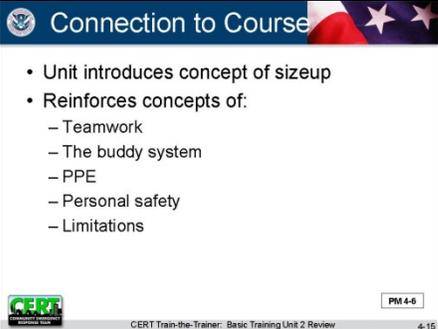
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INSTRUCTOR GUIDANCE	CONTENT
<div><ul style="list-style-type: none">• Demonstrate each step using a buddy:<ul style="list-style-type: none">– Approaching fire– Discharging extinguisher– Backing out• Explain each step as you demonstrate• Emphasize how quickly fire spreads• Encourage people to think creatively about what would be fire suppression resources<p><small>CERT Train-the-Trainer: Basic Training Unit 2 Review 4-13</small></p></div> <p>Display Slide 4-13</p> <div><ul style="list-style-type: none">• Emphasize how everyday products can be hazardous, e.g., dairy creamer.• Don't get too in-depth about placards<ul style="list-style-type: none">– Emphasize that they are a "stop sign"• Prepare props for demonstration<ul style="list-style-type: none">– Breaker box– Fuse box– Gas meter• Consider taking cotton ball exercise outside<p><small>CERT Train-the-Trainer: Basic Training Unit 2 Review 4-14</small></p></div> <p>Display Slide 4-14</p> <div></div> <p>Conduct brief discussion.</p>	<ul style="list-style-type: none">▪ Take the time to demonstrate each step of approaching the fire, discharging the extinguisher, and backing out. Use another instructor or a participant as your buddy during the demonstration.▪ Explain each step as you demonstrate it, including details such as body position of lead person and buddy, handling the extinguisher, etc.▪ Emphasize how quickly fire spreads. Most people don't realize how quickly a fire that is initially manageable can become unmanageable.▪ Encourage people to think creatively about possible fire suppression resources.▪ Emphasize how everyday products can be hazardous, e.g., dairy creamer. Suggestion: Open up the training space. Light a match and trickle some dairy creamer onto it. The creamer will ignite. Use this demonstration to walk trainees through thinking about places in the community that may be loaded with flammables after a disaster event (e.g., dry cleaners, paint store).▪ Don't get too in depth with material about placards. Emphasize that they are a "stop sign."▪ This unit requires a number of demonstrations. Prepare a breaker box, a fuse box, and, if possible, a gas meter prop. Your local utilities may be able to donate these props or make them available for CERT training. The goal is to demystify these utility devices and have trainees acquire a basic understanding of how these devices work.▪ Consider taking the cotton ball exercise outside. Note: This exercise is found on page 2-12 of the Instructor Guide. <p>Do you have any other tips?</p>

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INSTRUCTOR GUIDANCE	CONTENT
 <p>Display Slide 4-15</p>	<p><i>How Unit 2 Connects to Other CERT Basic Training Units</i></p> <p>This unit introduces the concept of sizeup. That concept is used throughout the course. You want your participants to have sizeup “on the brain” at the end of this unit.</p> <p>This unit reinforces the concepts of:</p> <ul style="list-style-type: none">▪ Teamwork▪ The buddy system▪ PPE▪ Personal safety▪ Limitations
	<p><i>T-T-T Unit Summary</i></p> <p>This unit has provided information on <i>CERT Basic Training Unit 2</i>.</p> <p>Do you have any questions about anything covered in this unit?</p> <p>Transition</p> <p>The next unit will explore what you need to know and do to maximize learning.</p>

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