



FEMA

[INSERT LOCAL OR OTHER PARTNER ORGANIZATIONAL LOGOS
SPONSORING THIS TRAINING]

FEMA E-74, *Reducing the Risks of Nonstructural Earthquake Damage, and ATC-20, Postearthquake Safety Evaluation of Buildings (post-disaster)*

TRAINING DESCRIPTION

Nonstructural components of buildings include all elements that are not part of the structural system; that is, the architectural, mechanical, electrical, and plumbing systems, as well as furniture, fixtures, equipment, and other contents. During the recent earthquakes in Chile, New Zealand, Japan, Virginia and other earlier earthquakes in California, Washington, and other parts of the U.S., nonstructural failures have accounted for the majority of damage and injuries. In many cases, businesses, schools, hospitals, and other organizations had to spend excessive time and dollars for clean-up and repair due to nonstructural failures; therefore impeding continued operations and rapid recovery. Moreover, nonstructural component failures also impeded safe evacuation, delayed rescue, and caused additional hazards such as fire resulting in serious life safety issues.

The FEMA E-74 training describes the sources and types of nonstructural earthquake damage and provides participants with effective methods and guidance to reduce their risk from nonstructural elements in order to minimize injuries and property losses from future earthquakes.

Training on the ATC-20, *Procedures for Postearthquake Safety Evaluation of Buildings*, provides instruction on rapid and detailed evaluation procedures for evaluating earthquake-damaged buildings and posting them as INSPECTED (apparently safe, green placard), LIMITED ENTRY (yellow placard), or UNSAFE (red placard). The training provides examples which allow attendees to evaluate building damage conditions, assess the overall risk from the damage, and recommend which of the three placards should be posted on the building. These evaluations and placards can be used in planning and executing evacuation, re-entry, and rebuilding strategies.



This training is supported by National Earthquake Hazards Reduction Program (NEHRP) National Earthquake Technical Assistance Program (NETAP). For more information visit: <http://www.fema.gov/earthquake-training/national-earthquake-technical-assistance-program>

TARGET AUDIENCE

The target audience for FEMA E-74 training includes property owners, facility managers, local officials, engineers, architects, small businesses, and emergency managers. The target audience for ATC-20 training includes building officials, engineers, architects, building owners, emergency managers, risk analysts, and other interested citizens and volunteers.

RECOMMENDED PREREQUISITE

Prior to the FEMA E-74 training, it is recommended to view a 30-minute independent study training, IS-325, *Earthquake Basics: Science, Risk, and Mitigation*. The IS-325 training provides basic information on earthquake, its impacts, and general mitigation techniques. The training may be viewed at the following link:

<http://training.fema.gov/EMIWeb/IS/courseOverview.aspx?code=is-325>

GENERAL INFORMATION

Time: x:xx am – x:xx pm
Date: Month, Day, Year
Location: Facility Name, Room #, Street Address, City, State, Zip
Instructor: First Name, Last Name, Title, Organization
Materials: ATC-20-1 Field Manual, *Postearthquake Safety Evaluation of Buildings, Second Edition*; and FEMA E-74 report, *Reducing the Risks of Nonstructural Earthquake Damage* in pdf (electronic format) on CD. This report can also be downloaded from the following link:
<https://www.fema.gov/media-library/assets/documents/21405?id=4626>

REGISTRATION

To register for these trainings, please provide your name, organization, address, phone number, and e-mail address to xxxxx@xxxx.com. For questions or additional information, please contact xxx-xxx-xxxx.