



FEMA E-74, *Reducing the Risks of Nonstructural Earthquake Damage*

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.

This training describes the sources and types of nonstructural earthquake damage and the effective methods and guidance that individuals and organizations can use to take action now before the next earthquake and minimize future injuries and property losses from nonstructural risks.

TARGET AUDIENCE

The target audience for this training includes property owners, facility managers, local officials, engineers, architects, small businesses, and emergency managers.

RECOMMENDED PREREQUISITE

Prior to the 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: 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](tel:xxx-xxx-xxxx).