



FEMA



Free Training Opportunity in Las Vegas Wednesday, May 13

FEMA P-909, *Home and Business Earthquake Safety and Mitigation, and*

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 Napa (California), Chile, New Zealand, Japan, Virginia and other earlier earthquakes in California, Washington, and other parts of the United States, 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 will first provide an overview of mitigation strategies for nonstructural components along with hands-on demonstrations (FEMA P-909) and conclude with a more in-depth look at nonstructural earthquake risks and strategies for reducing these risks. (FEMA E-74).



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>

The FEMA P-909, *Home and Business Earthquake Safety Mitigation*, training provides basic knowledge on earthquakes and simple steps toward safety and mitigation in homes and business with the goal of reducing the loss of life and property damage from an earthquake. This course includes a hands-on demonstration of how to mitigate the risk of a component, such as a water heater.

The FEMA E-74, *Reducing the Risks of Nonstructural Earthquake Damage*, training is based on the e-document of the same name (available at: <https://www.fema.gov/fema-e-74-reducing-risks-nonstructural-earthquake-damage>), and 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.

TARGET AUDIENCE

The target audience for the FEMA P-909 training includes home/property owners, building owners, small business owners, emergency managers, and the general public. The target audience for the FEMA E-74 training includes property owners, facility managers, local officials, engineers, architects, small businesses, and emergency managers.

The listed target audience is not meant to limit participation, but is provided for guidance purposes only. Please feel free to attend one or both classes; preregistration is required.

RECOMMENDED PREREQUISITE

Prior to this 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:** FEMA P-909 (approximately 8-11AM)
FEMA E-74 (approximately 11AM- 5PM with lunch break around 12:30)
- Date:** Wednesday, May 13, 2015
- Location:** Clark County Department of Building and Fire Prevention
Presentation Room, 4701 W. Russell Rd., Las Vegas, NV 89118
- Instructor:** Ed Huston (ATC instructor)
- Materials:** FEMA P-909 CD, *Home and Business Earthquake Safety and Mitigation*; and FEMA E-74 CD, *Reducing the Risks of Nonstructural Earthquake Damage*. 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 this training, please provide your name, organization, address, phone number and e-mail to

http://dem.nv.gov/training/NDEM_Course_Registration_Form/

Press the NDEM Course Registration Link

This course is listed under “specialized workshops (E) code”.

Please register separately for each class taken: P-909 & E-74

For questions or additional information, please contact:

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or

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