

EMERGENCY MANAGEMENT INSTITUTE

NATIONAL EMERGENCY TRAINING CENTER • EMMITSBURG, MD 21727



FEMA

Course: *E174 HAZUS Multi-Hazard (HAZUS-MH) for Earthquake*

Date: February 7-10, 2011

Course Description:

This course is designed to provide in-depth instruction on the use of HAZUS-MH for advanced applications related to earthquake-loss modeling. The Earthquake Model provides loss estimates of damage and loss to buildings, essential facilities, transportation lifelines, utility lifelines, and population based on scenario or probabilistic earthquakes.

Course Goal:

1. Course provides an in-depth discussion of the HAZUS inventory with emphasis on those inventory components that are of critical importance to the earthquake model and the process for updating both aggregate and site-specific inventory with local data.
2. The class provides a discussion of how HAZUS-MH can be used to conduct advanced analysis using the Advanced Engineering Building Module (AEBM).
3. The class provides a discussion on model uncertainties, and applications of the model for assessing mitigation strategies, as well as, for response and recovery activities.

Prerequisite:

E313 Basic HAZUS-MH course.

Target Audience:

The course is intended for the following: State and local emergency managers; State and local Geographical Interface System (GIS) specialists, and Federal agencies with risk assessment responsibilities.

Continuing Education Units (CEUs):

The Emergency Management Institute (EMI) awards 2.8 CEUs for completion of this course.

Location:

National Emergency Training Center (NETC), EMI, Emmitsburg, Maryland.

To Apply:

Complete a FEMA Form 119-25-1, General Admissions Application with student signature and signature of supervisor or sponsoring agency official. Submit the application through the State Emergency Management Training Office who will fax it to the NETC Admissions Office at (301) 447-1658.

For further enrollment information, please refer to the EMI website at <http://training.fema.gov/Apply>. For course information, contact the EMI course manager, Phil Moore at (301) 447-1248, 1-800-238-3358 (ext. 1248), or email Phillip.Moore@dhs.gov.

TRAINING OPPORTUNITY

