

EMERGENCY MANAGEMENT INSTITUTE

NATIONAL EMERGENCY TRAINING CENTER • EMMITSBURG, MD 21727



FEMA

Course: *E0276 Benefit-Cost Analysis: Entry-Level Training*

Course Dates:

May 27-28, 2015

Travel Dates:

May 26 and May 29, 2015

Course Length:

This course is 2 days in length.

Location:

Emergency Management Institute (EMI)
National Emergency Training Center (NETC)
Emmitsburg, Maryland

Course Description:

This course is designed as an introduction to the fundamental concepts of benefit-cost analysis (BCA). Cost-effectiveness is a key criterion for determining whether or not a hazard mitigation project is eligible for funding. To assist in assessing cost-effectiveness, the Federal Emergency Management Agency (FEMA) has developed software modules and guidance for conducting BCA of proposed projects. This course applies to and is valid for all FEMA Hazard Mitigation Assistance grant programs.

Course Goals:

Upon completion of this course, participants should be able to:

1. Demonstrate their knowledge of the basic BCA and flood theory learned in IS-0276.
2. Describe features of the BCA Tool.
3. Complete a BCA using the Flood Module.
4. Explain each screen and important data fields.
5. Complete the independent case study assignment.
6. Use supplemental tools and techniques in the BCA Tool in response to different scenarios.
7. Explain key DFA concepts & identify eligible hazards.

9. Explain the DFA Module data and documentation requirements.
10. Complete a DFA Module BCA.
11. Explain Tornado Safe Room, Hurricane Wind, Hurricane Safe Room, Wildfire and Earthquake Module data and documentation requirements.
12. Complete a Tornado Safe Room, Hurricane Wind, Hurricane Safe Room, Wildfire and Earthquake Module BCA.

Prerequisites:

Participants must have knowledge of mathematics (basic algebra and percentages) and computers (Windows and spreadsheet programs). Familiarity with basic mitigation terminology is recommended. Participants must complete the following online tutorials:

1. **FIRM tutorial** at http://www.fema.gov/media/fhm/firm/ot_firm.htm (30 Minutes)
2. **FIS tutorial** at http://www.fema.gov/media/fhm/fis/ot_fis.htm (40 Minutes)
3. **IS-0276, Benefit-Cost Analysis Fundamentals**

Continuing Education Units (CEU's):

The Emergency Management Institute (EMI) awards 1.4 CEUs for completion of this course.

Continuing Education Credits (CEC's):

The Association of State Floodplain Managers (ASFPM) awards 12 CECs (C) for completion of this course.

Target Audience:

Federal, State, tribal hazard mitigation staff, applicants/grantees, subapplicants/subgrantees, personnel who are involved in the grant application development process involved in conducting BC analyses may also apply.

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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 no later than 6 weeks prior to the start of the course. Mail, scan, or fax the application to:

NETC Admissions Office (Room I-216)
National Emergency Training Center
16825 South Seton Avenue
Emmitsburg, MD 21727-8998
Phone: (301) 447-1035 Fax: (301) 447-1658
Email: netcadmissions@fema.dhs.gov

Scan the QR Code, or click the link to get information on how to apply for EMI courses:



<http://training.fema.gov/Apply/>

Note to RTMs and RPMs and STOs: The FEMA Form 119-25-1 must be received by NETC Admissions – **no later than April 15, 2015.**

Application Review:

In order to be evaluated for admission into this course, block #16 on the application form must be completed. Please refer to the Target Audience section referenced above and indicate how you meet the requirements based upon your position and experience.

Upon acceptance into the course, NETC Admissions will mail out an Acceptance Letter/Welcome Package outlining travel information, NETC shuttle services, lodging and other logistics. Scan the QR Code, or click the link for a PDF copy of the NETC Welcome Package online:



http://training.fema.gov/EMIWeb/downloads/NETC_Welcome_Package.pdf

Lodging is provided for course participants on the NETC campus. Participants staying overnight on campus are required to purchase a meal ticket for the duration of the training activity. Notify the NETC Transportation Office at least 2 weeks prior to the course date to reserve a seat.

Call (301) 447-1048, ext. 1113, or email FEMA-netc-housing@fema.dhs.gov.

Travel Authorizations:

Funding for the training activity is being provided by IWMD for FEMA Employees. PFT and CORE employees must ensure their travel authorization (TA) is completed through Concur Government Edition (CGE) Travel System for course offerings. RPM/IWMD will supply Reservists Travel Authorization information and deploy Reservists in A.D.D.

All Federal travelers must have an approved TA prior to travel. A copy of the TA must be presented upon arrival. No exceptions are made to the NETC policy.

Notice to Applicants for EMI courses:

Individuals applying for EMI classes will be required to register using the FEMA Student Identification (SID) number. This number will be used in place of the Social Security Number (SSN) on your application form. **The SSN is no longer required.**

How do I obtain my FEMA SID number?

- Step 1: To register, go to <https://cdp.dhs.gov/femasid>
- Step 2: Click on the “Need a FEMA SID” button on the right side of the screen.
- Step 3: Follow the instructions and provide the necessary information to create your account.
- Step 4: You will receive an email with your SID number. You should save this number in a secure location.

What do I do with this new SID number I have been assigned?

The SID number is used in place of the SSN on your General Admissions Application (FEMA Form 119-25-1).

EMI Point of Contact:

For additional information contact the course manager, Jordan T. Manos, P.E., S.E., PMP, at (301) 447-1356 or by email at: Jordan.Manos@fema.dhs.gov

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