



E2461: ADVANCED BUILDING SCIENCE SERIES I: Flood Mitigation and E2462: ADVANCED BUILDING SCIENCE SERIES I: Wind Mitigation

Course Dates:

May 13–17, 2024

Travel Dates:

May 12 and May 18, 2024

Course Length:

This offering includes both E2461 and E2462 courses for a total of 5 days.

Location:

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

E2461: Advanced Building Science Series I: Flood Mitigation

E2461 Course Description:

This advanced-topic course addresses the ever-changing challenges faced from flood risk, through a comprehensive approach of planning, compliance, best-practice mitigation, and funding. This course consists of multiple flood modules.

E2461 Course Objectives:

At the end of the course, the participants will demonstrate knowledge of:

- Return on Investment (ROI) for improved design.
- Avoided damage through improved design.
- Reduced flood insurance premiums through design.
- Selecting Mitigation Options.

E2461 Course Goal:

The goal of this course is to enhance participants' capability to understand risk and promote compliance with building codes, best practices, and FEMA policies, thereby increasing resiliency on the local, state, tribal, and national levels.

E2461 Prerequisites:

None

E2461 Continuing Education Units (CEUs):

EMI awards 1.9 CEUs for completion of this course.

E2461 Target Audience:

The primary audience for this course is engineers and architects. Floodplain managers, building code officials, and hazard mitigation/municipal planners with building science knowledge are also encouraged to attend.

E2462: Advanced Building Science Series I: Wind Mitigation

E2462 Course Description:

This advanced-topic course addresses the ever-changing challenges faced from wind risk, through a comprehensive approach of planning, compliance, best-practice mitigation, and funding. This course consists of multiple wind modules.

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E2462 Course Objectives:

At the end of this course, the participants should be able to:

- Identify what is a critical facility, as defined by ASCE 7.
- Reference codes, standards, and testing/approval of high-wind products for critical facilities.

E2462 Course Goal:

The goal of this course is to enhance participants' capability to understand risk and promote compliance with building codes, best practices, and FEMA policies, thereby increasing resiliency on the local, state, tribal, and national levels.

E2462 Prerequisites:

None

E2462 Continuing Education Units (CEUs):

EMI awards 1.4 CEUs for completion of this course.

E2462 Target Audience:

The primary audience for this course is engineers and architects. Floodplain managers, building code officials, and hazard mitigation/municipal planners with building science knowledge are also encouraged to attend.

To Apply:

Go to the [National Emergency Training Center Online Admissions Application \(fema.gov\)](https://training.fema.gov/netc_online_admissions/)
(https://training.fema.gov/netc_online_admissions/)

IMPORTANT: Please ensure that you apply for both E2461 and E2462. You must attend both course offerings.

To be evaluated for admission into this course, please refer to the Target Audience above and indicate how you meet the requirements based upon your position and experience.

Notice to Applicants for EMI Courses:

Individuals applying for EMI classes will be required to register using the FEMA Student Identification (SID) number.

How do I obtain my FEMA SID number?

Step 1: To register, go to:

[FEMA Student Identification System](https://cdp.dhs.gov/femasid)
(<https://cdp.dhs.gov/femasid>)

Step 2: Click on the "Register for a FEMA SID" button on screen.

Step 3: Follow the instructions and provide the necessary information to create your account.

Registration Supervisor Approval:

The Application Endorsement Screen requires the input of a supervisory email address.

Travel and Housing Information:

Upon acceptance into the course, NETC Admissions will mail out an Acceptance Letter and Welcome Package outlining travel information, NETC shuttle services, lodging and other logistics. 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 shuttle seat. Details for the above are in the Welcome Package.

Request for Accommodation:

If you require a reasonable accommodation (sign language interpreters, Braille, CART, etc.), please make the request NLT 30 days prior to the course offering. When making any requests, please provide details on the accommodation; however, DO NOT include medical or other personal information that is protected under the Privacy Act of 1974 or the Health Information Privacy Protection Act (45 CFR Part 160 Subparts A and E of Part 164). Last-minute requests will be accepted; however, they may not be possible to fulfill.

EMI Training Point of Contact:

For additional information, contact the EMI Mitigation Branch at: FEMA-EMI-MIT@fema.dhs.gov.

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