



Course: *L0102 Science of Disaster*

Course Dates:

December 16-18, 2019

8:00 am – 5:00 pm each day

Travel Dates:

December 15 and December 19, 2019 (for those not in the local commuting area)

Course Length:

This course is three days in length

Location:

Governor's Office of Emergency Services, Bldg. D
10390 Peter A. McCuen Blvd.
Mather, CA 95655

Course Description:

This course provides the participants with an overview of scientific principles and concepts that shape our increasingly dangerous world. The contents of the course include the following:

- Introduction to Science of Disaster provides a definition and benefits of science.
- Earth Science describes how the Earth's design sets the stage for the world's natural hazards including earthquakes, volcanic eruptions, tsunamis, and landslides/sinkholes.
- Climatology describes the scientific basis of common atmospheric hazards including convective storms, tropical cyclones, and other hazardous weather.
- Chemical and biological basics identifies the scientific basis of chemical and biological threats.
- Explosive, radiological, and nuclear fundamentals identifies the scientific basis of those threats.

It is mandatory that the participant complete all 24 hours of this course to receive full credit. Anything

less will result in the participant's need to re-register for another course and start from the beginning.

Course Goal:

At completion of this course, students will have a basic understanding of scientific principles which govern the world around us and control how hazards and disasters unfold.

Prerequisites:

If a participant is taking this course as part of the Academy, then he or she should take E/L0101, Foundations of Emergency Management, first (but not required). If a participant is taking this course on its own for its science information and not in fulfillment of the Academy requirements, there are no prerequisites.

Continuing Education Units (CEU's):

EMI awards 2.4 CEUs for completion of this course.

Target Audience:

This course is intended for emergency management personnel from Federal, state, local, tribal, and territorial emergency management agencies, and prospective professionals transferring from another discipline to emergency management adults.

Registration Deadline:

None.

Registration is based on seat availability. FY20 Sacramento Cohort L0101 students have priority.

To Apply:

Complete a FEMA Form 119-25-1, General Admissions Application form with student

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signature, signature of supervisor or sponsoring agency official.

Submit the application to:

Tracy Stocks at tracy.stocks@caloes.ca.gov

Or mail to:

Cal OES Training c/o Tracy Stocks
3650 Schriever Ave.
Mather, CA. 95655

Scan the QR Code, or click the link to download the application:



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

Out of State Students must obtain the approval and signature of their Sponsoring Organization and their State Training Officer.

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 above and indicate how you meet the requirements based upon your position and experience.

Lodging Information:

Course is located in Mather, CA, many options exist for lodging within 5-10 miles of the classroom.

Cost/Reimbursement Information:

EMI does not provide stipend reimbursement for off-campus course deliveries.

This course is eligible for Homeland Security Grant Programs. Homeland Security Grant funds may cover the cost of travel, lodging, per diem, backfill or overtime. **See your Grants Manager for more details.**

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: [Register](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.

State of California Training Point of Contact:

Tracy Stocks, 916-845-8487

Tracy.Stocks@caloes.ca.gov

EMI Point of Contact:

For additional information contact the course manager, Jeff Januchowski at (301) 447-1356 or by email at jeffrey.januchowski@fema.dhs.gov or Richard Bashioum at (301) 447-1629 or by e-mail at richard.bashioum@fema.dhs.gov.

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