

# EMERGENCY MANAGEMENT INSTITUTE

NATIONAL EMERGENCY TRAINING CENTER • EMMITSBURG, MD 21727



FEMA

## *L0102 Science of Disaster*

**Course Dates:**

February 18–20, 2020

**Travel Dates:**

February 17 and 21, 2020

(for those not in the local commuting area)

**Course Length:**

This course is three days in length.

**Location:**

Essex County Sheriff's Office  
Office of Emergency Management  
560 Northfield Avenue  
West Orange, NJ 07052

**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 newly appointed emergency managers from Federal, state, local, tribal, and territorial emergency management agencies, and prospective professionals transferring from another discipline to emergency management.

**Registration:**

Please visit the [NJOEM Training Calendar](http://ready.nj.gov/training/schedule.shtml) (<http://ready.nj.gov/training/schedule.shtml>) to register. **Course registration deadline to receive applications is February 3, 2020.**

**To Apply with EMI to receive credit after registering with the State:**

# TRAINING OPPORTUNITY

Scan the QR Code, or click the link to fill out the EMI online application:



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

Include the email of your State Training Officer, Tpr I Joseph Walsh, [lpp7266@gw.njsp.org](mailto:lpp7266@gw.njsp.org), as the Head of Organization for approval on the Online Application.

**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 West Orange, NJ. There are options for lodging within 5-10 miles of the classroom.

**Cost/Reimbursement Information:**

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

**Training Points of Contact:**

- Lt. Ronald Roberts, email: [lpp5779@gw.njsp.org](mailto:lpp5779@gw.njsp.org)
- Sgt. Daniel Cuning, email: [lpp6840@gw.njsp.org](mailto:lpp6840@gw.njsp.org)
- Tpr. I Joseph Walsh, email: [lpp7266@gw.njsp.org](mailto:lpp7266@gw.njsp.org)

**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](mailto:jeffrey.januchowski@fema.dhs.gov) or Richard Bashioum at (301) 447-1629 or by e-mail at [richard.bashioum@fema.dhs.gov](mailto:richard.bashioum@fema.dhs.gov).

# TRAINING OPPORTUNITY