

**L0102 National Emergency Management Basic Academy
Science of Disaster**



Location: Cheesequake Volunteer Fire Company
113 Route 34 Matawan, NJ 07747
Dates: September 19 – 21, 2018
Time: 8:30 a.m. - 4:00 p.m.

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.

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.

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.

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. Class size limited to 25.

Registration is required: [FEMA Training Application](#). Fill out the application completely and email it to NJOEM Training & Exercise Unit at ftu@gw.njsp.org or fax it to **609-671-0160**. Missing and/or incomplete information will not be accepted and will disqualify your application from the selection process. You will be contacted via email when your application is received.

Contact NJOEM Training & Exercise Unit, for more information at office number 609-963-6962 or email: ftu@gw.nisp.org