



DuPage County

Office of Homeland Security & Emergency Management

FEMA Basic Academy (L0102): Science of Disaster

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 3 days 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: Participants must complete the 11-independent study (IS) courses before attending the 40-hour residence course (approximately 44 hours of training) including the course(s) below:

- FEMA L-0101: Foundations of Emergency Management at DuPage County OHSEM

Course Location:

DuPage County Office of Homeland Security
and Emergency Management
[418 North County Farm Road](#)
[Wheaton, Illinois 60187](#)

*It is mandatory that the participant complete all 40 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.

**Monday January 6th, 2020 from 8:30am – 5:00pm
through
Wednesday January 8th, 2020 from 8:30am – 5:00pm**

To register for this NO COST training course

<https://www.dupageco.org/ProtectDuPage/Training/>