**Course:** ***L0102 Science of Disaster***

**Course Dates:** 7/29/2019 – 7/31/2019

**Travel Dates**: 7/28/2019, 8/1/2019

**Course Length:**

This course is three days in length.

**Location:** Post University, Waterbury CT

**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 and identifies the scientific basis of chemical and biological threats.
* Explosive, radiological, and nuclear fundamentals and identifies the scientific basis of those threats.

It is mandatory that the participant complete all 16 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.

This course is followed by the *L0103 Planning: Emergency Operations* course and both will run in the same week. Students are encouraged to sign up for both the *L0102* and *L01013* courses. Typically, students take the *L0101 Foundations of Emergency Management* course first, but the Basic Academy courses can be taken in any order.

**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 E0101, 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.

**How to Register for the Course:**

**To Register: Go to**

<https://portal.ct.gov/DEMHS/Emergency-Management/Resources-For-Officials/Training-and-Exercise>

Scroll down to the calendar, find the date of your class, click on the date and course and registration tab will be there

**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:**

Hampton Inn Waterbury

777 Chase Pkwy, Waterbury, CT 06708

(203) 753-1777

Courtyard by Marriott Waterbury Downtown

63 Grand St, Waterbury, CT 06702

(203) 596-1000

Wyndham Southbury

1284 Strongtown Rd, Southbury, CT 06488

(203) 653-8179

The Heritage Hotel

522 Heritage Road

Southbury, CT 06488

(203) 264-8200

**Cost/Reimbursement Information:**

EMI does not provide stipend reimbursement for off-campus course deliveries. Please review the link for state reimbursement information: <https://scemd.org/media/1334/reimbursement_information.pdf>

**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?**

1. To register, go to: <https://cdp.dhs.gov/femasid>
2. Click on the “Register for a FEMA SID” button on screen.
3. Follow the instructions and provide the necessary information to create your account.

**State of Connecticut Training Point of Contact**:

Robert Christ

Connecticut Office of Emergency Management & Homeland Security

1111 Country Club Road

Middletown Ct. 06457

[robert.christ@ct.gov](mailto:robert.christ@ct.gov)

(860) 685-8201

**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).