

# University of Illinois Fire Service Institute

## Course Syllabus

**Course Title:** Hospital Decontamination for First Receivers

**Course Duration:** 8 hours

**Program:** Hazardous Materials Program

**Course Prerequisites:** None

**Course Description:** This course provides to those who are or will be operating as a member of a hospital decontamination team, the basic skills needed to safely and effectively decontaminate individuals who arrive at the hospital after being contaminated with a hazardous material. The objectives of the course are to teach participants: basic hazards and risk-assessment techniques for Hazmat and Chemical, Biological, Radiological, Nuclear, and Explosives (CBRNE) environments; selecting and using proper personal protective equipment provided to the first receiver; an understanding of the types of CBRNE and weapon of mass destruction (WMD) events that may be presented to the first responder; implementation of basic decontamination procedures relevant to the hospital setting; and an understanding of standard operating guidelines and termination procedures.

**Course Requirements and/or Recommendations:**

Pre-Course Work – None

Course Work – Participate in classroom activities and practical exercises

Post-Course Work – None

**Course Policies:**

**Safety Policy:** Students shall understand and follow all instructions pertaining to operational safety, as stated by instructors or as written in course materials. Instructors and students shall be mindful of safety at all times. Conduct judged to be unsafe shall be grounds for dismissal from the course.

**Academic Integrity Policy:** IFSI has the responsibility for maintaining academic integrity so as to protect the quality of the education provided through its courses, and to protect those who depend upon our integrity. It is the responsibility of the student to refrain from infractions of academic integrity, from conduct that may lead to suspicion of such infractions, and from conduct that aids others in such infractions. Any violation of the code of conduct is grounds for immediate dismissal from the course.

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**American Disabilities Act:** As guaranteed in the Vocational Rehabilitation Act and in the American Disabilities Act, if any student needs special accommodations they are to notify their instructor and provide documentation as soon as possible so arrangements can be made to provide for the student's needs. If arrangements cannot be made at the class site, the student will test at an alternative time and place where the special accommodations can be made.

## **Course Content:**

Module: 1

Title: Laws, Regulations, and Standards

### Terminal Learning Objective:

At the conclusion of this module, the student will *explain* the influences that impact the management of hazardous materials/weapon of mass destruction (WMD) incidents.

Module: 2

Title: Health and Safety

### Terminal Learning Objective:

At the conclusion of this module, the student will *relate* health hazards with an associated material and its container.

Module: 3

Title: Personal Protective Equipment

### Terminal Learning Objective:

At the conclusion of this module, the student will *work* in each type of personal protective equipment (PPE) available to the Operations trained responder.

Module: 4

Title: Decontamination

### Terminal Learning Objective:

At the conclusion of this module, the student will *operate* a hospital decontamination line.

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## Reference List:

Federal Emergency Management Agency. [www.fema.gov](http://www.fema.gov).

IFSTA. Hazardous Materials for First Responders 5<sup>th</sup> Ed. Fire Protection Publications. Stillwater, OK, 2017.

National Fire Protection Association Standards 472 Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents, 2018.

Schnepf, Rob. Hazardous Materials Awareness and Operations 3<sup>rd</sup> Ed. Jones and Bartlett Publishers, Sudbury, MA, 2019.

United States Department of Homeland Security. [www.dhs.gov](http://www.dhs.gov).

U.S. Department of Labor, Code of Federal Regulations: Labor 29 CFR 1910.120. Washington, D.C., Office of the Federal Register, National Archives and Records Administration, 1996.

U.S. Department of Labor, Code of Federal Regulations: Transportation 49 CFR Parts 100 to 77. Washington, D.C., Office of the Federal Register, National Archives and Records Administration, 1995.

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## Course Schedule

### DAY ONE

<u>Event</u>	<u>Duration</u>
Course Introduction & Paperwork	30 minutes
Module 1 – Laws, Regulations, & Standards	30 minutes
Module 2 – Health & Safety	45 minutes
Module 3 – Personal Protective Equipment	1 hour
Module 4 – Decontamination	1 hour
<b>Lunch</b>	
<b>Practical – Personal Protective Equipment</b>	1 hour and 30 min
<b>Practical – Decontamination</b>	2 hour and 15 min
Final Quiz	30 minutes

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