

FT-7
ONLINE

INTRODUCTION TO HAZARDOUS MATERIALS
SPRING 2025

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STUDENT LEARNING OUTCOMES

1. Evaluate fire protection problems associated with oxidizing agents, explosives and flammable liquids, solids, and gases in storage and transit.
2. Evaluate fire protection problems of hazardous materials in fixed storage facilities and in marine, air, rail, highway, and pipeline modes of transportation.
3. Analyze potential environmental problems and associated health risks of corrosive, toxics, and radioactive materials.

COURSE SCHEDULE

<u>DATE</u>	<u>WEEK#</u>	<u>Topics</u>
2/03/25	1	Orientation and Introduction LEVELS OF HAZMAT RESPONSE
2/10/25	2	INTER-AGENCY RESPONSIBILITY HAZMAT DEFINITIONS & PROPERTIES
2/17/25	3	TOXICOLOGY
2/24/25	4	HAZMAT RESPONSE PROCESS HAZMAT RECOGNITION & SAFETY
3/03/25	5	DOT PLACARDING & LABELING
3/10/25	6	DOT EMERGENCY RESPONSE GUIDEBOOK
3/17/25	7	HIGHWAY/RAILROAD CONTAINER PROFILES & BLEVE
3/24/25	8	PESTICIDE LABELING SYSTEM NFPA 704 SYSTEM DOT SHIPPING PAPERS & MSDS SHEETS
3/31-4/05/25		SPRING BREAK!
4/07-14/25	9	MIDTERM EXAM WEEK
4/14/25	10	INCIDENT SIZE-UP, ISOLATION & ZONING
4/21/25	11	EVACUATION, PROTECTIVE CLOTHING & DECONTAMINATION PROCEDURES
4/28/25	12	HAZMAT/INCIDENT COMMAND SYSTEM
5/05/25	13	TACTICAL PRIORITIES DEFENSIVE CONTROL ACTIONS
5/12/25	14	CASE HISTORIES

5/19/25 15 TERRORISM

5/26-31/25 16 **FINAL EXAM WEEK**

Students needing accommodations should inform the instructor. As required by the Americans with Disabilities Act (ADA), accommodations are provided to insure equal access for students with verified disabilities. To determine if you qualify or need assistance with an accommodation, please contact ACCESSIBILITY SUPPORT CENTER (Formerly DSPS), Room 1073, (831) 479-6379.