

FE111

NFPA 1072 Dangerous Goods, Responder – Awareness Level

1 Credit

Instructor: TBA

Phone:

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FE111 Version: 4



NFPA 1072 Dangerous Goods, Responder – Awareness Level

Calendar Description

In this course learn to identify situations where dangerous goods are present; identify dangerous goods by name, UN/NA identification number or type placard applied; determine the fire, explosion and health hazard information for each material; learn the necessary actions to protect yourself and others and to control access to the scene and the current edition of the North American Emergency Response Guidebook; identify the appropriate initial notifications and how to make them consistent with local emergency response plans or the organization's standard operating procedures.

Rationale

As a first responder at the scene of an emergency, you are expected to determine whether or not dangerous goods or WMD (Weapons of Mass Destruction) are present. This crucial first step separates dangerous goods/WMD incidents from regular emergencies. It allows firefighters to take the necessary precautions to protect themselves and the general public.

When you have determined that dangerous goods/WMD are present, you need the knowledge and ability to carry out a planned response. This means you know how to protect yourself, can alert the trained professionals, and can secure the area. Without these skills, you will be unable to gain control of the incident scene.

Prerequisites

None

Co-Requisites

None

Course Learning Outcomes

Upon successful completion of this course, students will be able to

1. explain the role of the first responder, at the awareness level, during a dangerous goods incident

2. describe typical container shapes, placards, labels, facility and transportation markings and colours that indicate dangerous goods. Identify the basic information on material safety data sheets (MSDS) and shipping papers that indicate dangerous goods. List the methods used to determine what pages to use in the North American Emergency Response Guidebook and describe the information found on each set of pages.
3. list the precautions to be taken to protect all personnel and individuals at the dangerous goods incident.
4. given the identity of various dangerous goods, identify the following response information: emergency action, personal protective equipment required, initial isolation and protective action distances.
5. identify at least four specific actions necessary when an incident is suspected to involve criminal or terrorist activity.

Resource Materials

Required Text(s):

IFSTA. (2018). *Essentials of firefighting and fire department operations* (7th ed.).

Stillwater, OK: Fire Protections Publications.

Conduct of Course

This course is presented through the use of the required text, lecture, and D2L.

Evaluation Procedures

There is a 20 item multiple-choice exam based on the objectives with the grades determined using the grade scale under the Grades section of this course outline.

Quizzes and tests on D2L are used as assignments of the program by the faculty. The tests are used for ensuring that students are succeeding in their learning, and underachievement may lead to academic probation.

Grade Equivalents and Course Pass Requirements

The final mark is given as a letter grade.

Letter	F	B-	B	B+	A-	A	A+
Percent Range	0-69	70-74	75-79	80-84	85-89	90-94	95-100
Points	0.00	2.70	3.00	3.30	3.70	4.00	4.00

Attendance

Regular attendance is essential for success in any course. Absence for any reason does not relieve a student of the responsibility of completing course work and assignments to the satisfaction of the instructor. Poor attendance may result in the termination of a student from a course.

Course Units/Topics

Topics included but not necessarily in this order:

- Analyzing the Incident
- Implementing the Planned Response



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