Occupational Safety and Health (OSH) 1106 Hazardous Material (HAZMAT) First Responder Awareness (.25 Unit)
[formerly IES 1106]

Prerequisite: None

Total Hours: 7 hours lecture; 1 hour lab (8 hours total)

Catalog Description: This course covers training required by the Occupational Safety and Health Administration (OSHA) first responder awareness level for individuals who are likely to witness or discover a hazardous substance release. This course is offered on a Pass/No Pass basis with the option to receive a letter grade. This course is offered at the WESTEC facility. Please see additional information here: http://westec.org/

Type of Class/Course: Degree Credit


Additional Required Materials: None

Course Objectives:

By the end of the course, a successful student will be able to

1. Recognize hazardous substances and the risk associated when involved in an incident,
2. Calculate potential outcomes connected to hazardous substances in an emergency,
3. Describe the role of the first responder awareness level, and
4. Realize the need for additional resources and make appropriate notifications

Course Scope and Content: (Lecture)

Unit I Overview of emergency response
  a. Terminology and abbreviations
  b. Related regulations

Unit II Hazardous substance recognition and identification
  a. Recognition indicators
  b. Identification methods
  c. Dangers of hazardous substances
Unit III  First responder awareness level
a. Requirements of first responder
b. Recognizing an incident
c. Notification when an incident is discovered

Unit IV  North American Emergency Response Guide (NAERG)
a. Purpose
b. How to use guide

Course Scope and Content: (Laboratory)
1. Tabletop scenarios for decision-making practice in response to HAZMAT spills and releases
2. Use NAERG to craft effective responses to HAZMAT spills and releases

Learning Activities Required Outside of Class: N/A

Methods of Instruction:
1. Lecture
2. Hands-on practice
3. Audiovisual presentation

Methods of Evaluation:
1. Written final exam
2. Performance observation

Supplemental Data:

<table>
<thead>
<tr>
<th>TOP Code:</th>
<th>095670: Indus Occupational Safe Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAM Priority Code:</td>
<td>C: Clearly Occupational</td>
</tr>
<tr>
<td>Distance Education:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Funding Agency:</td>
<td>Y: Not Applicable(funds not used)</td>
</tr>
<tr>
<td>Program Status:</td>
<td>2: Stand-alone</td>
</tr>
<tr>
<td>Noncredit Category:</td>
<td>Y: Not Applicable, Credit Course</td>
</tr>
<tr>
<td>Special Class Status:</td>
<td>N: Course is not a special class</td>
</tr>
<tr>
<td>Basic Skills Status:</td>
<td>N: Course is not a basic skills course</td>
</tr>
<tr>
<td>---------------------</td>
<td>----------------------------------------</td>
</tr>
<tr>
<td>Prior to College Level:</td>
<td>Y: Not applicable</td>
</tr>
<tr>
<td>Cooperative Work Experience:</td>
<td>N: Is not part of a cooperative work experience education program</td>
</tr>
<tr>
<td>Eligible for Credit by Exam:</td>
<td>NO</td>
</tr>
<tr>
<td>Eligible for Pass/No Pass:</td>
<td>C: Pass/No Pass</td>
</tr>
<tr>
<td>Taft College General Education:</td>
<td>NONE</td>
</tr>
</tbody>
</table>