COURSE INFORMATION FORM

<table>
<thead>
<tr>
<th>DISCIPLINE</th>
<th>Technology</th>
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<tbody>
<tr>
<td>COURSE TITLE</td>
<td>Introduction to Environmental Health and Safety</td>
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<td>CR.HR</td>
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<td>LECT HR.</td>
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<td>LAB HR</td>
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<td>CLIN/INTERN HR.</td>
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<td>CLOCK HR.</td>
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CATALOG DESCRIPTION
This course provides an overview of the Occupational Safety and Health Administration (OSHA) standards relevant to construction. Among the subjects covered in the program are: an introduction to OSHA, stuck by, and caught in/between, excavations, electrical safety, health hazards, walking and working surfaces, stairs and ladders, tool – hand and power, personal protective equipment, fall protection and safety and health programs. Students will receive a 10-hr Construction Safety and Health Outreach Card.

PREREQUISITES
None

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)
Upon completion of this course, the student will be able to:

1. Demonstrate a general understanding of OSHA regulations.
2. List examples of health hazards in construction.
3. Discuss employer and employee roles for safety compliance.
4. Discuss the hazards and control methods for falls, electrical, respiratory protection, personal protective equipment, and excavations.
GENERAL EDUCATION OUTCOMES (ESO)
Specify which general education outcomes, if any, are substantially addressed by the course. Numbers in parentheses identify the Expected Student Outcomes linked to the specific General Education Outcome.

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<tr>
<th>Outcomes</th>
<th>ESO</th>
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PROGRAM-LEVEL OUTCOMES

CAREER AND TECHNICAL EDUCATION PROGRAM OUTCOMES
Specify which Career and Technical program outcomes, if any, are substantially addressed by the course by completing the “Career and Technical Education template” to show the relationship between course and program outcomes to assessment measures.

1. Students will demonstrate the ability to apply foundation skills in an industrial setting, safely and to industry guidelines.

CLASS-LEVEL ASSESSMENT MEASURES
Student accomplishment of expected student outcomes may be assessed using the following measures. (Identify which measures are used to assess which outcomes.)

1. Written Examinations (1-4)
2. Homework Assignments (1-4)
3. Student participation and in-class discussions. (1-4)
Individual instructors may order this outline as fits the needs of their individual courses. In addition, they may place more emphasis on some areas than on others. What is assured is that this particular list is covered in the course. Other topics may be added to a course as the instructor sees fit, and as time and interest allow. An *asterisk can be used to mark an item as optional.

I. Introduction to Regulatory Structure and Compliance Strategies

II. Occupational Safety and Health Act (OSHA) and Administration (OSHA)
   A. Health Hazards
      1. Flammable and Combustible Liquids
      2. Hazard Identification Systems
   B. Personal Protective Equipment (PPE)
      1. Respiratory Protection
      2. Fall Protection
      3. Hearing Conservation
      4. Other PPE
   C. Tool Safety
      1. Hand Tools
      2. Power Tools
   D. Electrical Hazards
   E. Fall Protection
   F. Stairs and Ladders
   G. Excavations