COURSE INFORMATION FORM

DISCIPLINE: EHSS
COURSE TITLE: EHS Laboratory
CR.HR: 1  LECT HR.  LAB HR: 2  CLIN/INTERN HR.  CLOCK HR.

CATALOG DESCRIPTION
The course is designed to present the hands-on activities related to the field of EHS. Topics include: Air sampling, Asbestos, Blueprint reading, Electricity, Ergonomics, HVAC/Ventilation, Lead, Noise, Rigging and Welding.

PREREQUISITES
EHSS 101

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

1. Identify and properly avoid safety hazards associated with welding.
2. Identify appropriate sampling methods for specific hazardous materials.
3. Identify potential asbestos and lead containing situations.
4. Conduct a noise survey.
5. Identify hazards associated with electricity.
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.

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>ESO</th>
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PROGRAM-LEVEL 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 foundational skill in an industrial setting, safely and to industry guidelines.
2. The program will graduate individuals who exhibit competence in the entry-level skills of technical profession environmental health and safety technology.

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. Test (1-5)
2. Learning Log (1-5)
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. Air sampling
   A. Methods
   B. Calibration
   C. Pumps
   D. Media

II. Asbestos
    A. Regulations
    B. Recognition
    C. Hazards

III. Blueprint reading

IV. Electricity

V. Ergonomics

VI. HVAC/Ventilation*

VII. Lead
    A. Regulations
    B. Recognition
    C. Hazards

VIII. Noise

IX. Rigging

X. Welding