COURSE INFORMATION FORM

DISCIPLINE  
EHSS

COURSE TITLE  
Environmental Regulations

CR. HR  3  LECT HR.  3  LAB HR.  _______  CLIN/INTERN HR.  _______  CLOCK HR.  _______

CATALOG DESCRIPTION

This course provides a comprehensive overview of EPA and other environmental regulations and guidelines. Subjects included in this course are: EPA history, specific regulations regarding surface water (CWA), air (CAA), drinking water (SDWA), hazardous waste (RCRA), Superfund (CERCLA), Endangered Species (ESA) and Community Right-to-Know (EPCRA).

PREREQUISITES

None

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)

Upon completion of this course, the student will be able to:

1. Demonstrate a basic understanding of environmental regulations and applicable area where industry is regulated.

2. Utilize EPA standards and regulations to provide guidance on issues of compliance, inspection, and enforcement related to in environmental regulations.

3. Identify common environmental hazards and violation of standards.

4. Describe potential abatement procedures for selected environmental hazards.
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>
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<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 foundational skill in an industrial setting, safely and to industry guidelines.
2. Students will demonstrate professional oral and written communication skills.
3. Students will think critically and apply problem-solving skills.
4. The program will graduate individuals who exhibit competence in the entry-level skills of technical profession environmental health and safety technology.
5. The program will graduate individual who can interact and communicate with managerial, supervisory, labor and external public using a combination of skills for a clear exchange of ideas and information.

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. Assignments (1-4)
2. Written examinations (1-4)
3. Student participation (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. History of EHS Regulations and Guidance

II. United State Environmental Protection Agency (EPA)
   A. Clean Air Act (CAA)
      1. National Ambient Air Quality Standards (NAAQS)
      2. Hazardous Air Pollutants (HAP)
      3. Attainment
      4. Risk Management Plan (RMP)
   B. Clean Water Act (CWA)
      1. National Pollution Discharge Effluent System (NPDES)
      2. Reportable Quantiles (RQ)
   C. Oil Pollution Act (OPA)
      1. Spill Prevention Control and Countermeasure Plan (SPCC)
      2. Exxon Valdez
   D. Safe Drinking Water Act (SDWA)
   E. Resource Conservation and Recovery Act (RCRA)
      1. Hazardous Waste
      2. Generator
   F. Toxic Substance Control Act (TSCA)
   G. Comprehensive Environmental Response Compensation and Liability Act (CERCLA)
      1. Superfund
      2. National Priorities List (NPL)
   H. Emergency Planning and Community Right-to-Know Act (EPCRA)
   I. Endangered Species Act (ESA)
      1. Threatened
      2. Endangered
   J. Compliance and Enforcement

III. Other Guidance Standards