

CUYAMACA COLLEGE COURSE OUTLINE OF RECORD

Environmental Health and Safety Management 240 – Cooperative Work Experience

54 hours paid or unpaid work experience per unit, 1-4 units

Catalog Description

Practical application of principles and procedures learned in the classroom to various phases of Environmental Health and Safety Management (EHSM). Work experience will be paid or volunteer positions at local industries or governmental agencies that regulate environmental industries. Placement assistance will be provided, but students are required to select and secure a placement site. Minimum of one unit of work experience is required to complete the EHSM certificate/degree. *Occupational cooperative work experience credit may accrue at the rate of one to 8 units per semester for a total of sixteen units, and students must work 54 paid hours or unpaid hours per unit earned. May be taken for a maximum of 8 units in EHSM.* 54 hours paid or unpaid work experience per unit, 1-4 units.

Prerequisite

“C” grade or higher or “Pass” in EHSM 100 or equivalent

Entrance Skills

Without the following skills, competencies and/or knowledge, students entering this course will be highly unlikely to succeed:

- 1) Define and apply environmental technology terminology and acronyms.
- 2) Understand and apply industrial hygiene philosophy to occupational safety and health.
- 3) Understanding of biological/physical/chemical hazards, chemical physical characteristics, routes of entry, and programs needed to manage workplace safety and health.

Course Content

- 1) Pursue a set of goals (approved by the instructor) which include new or expanded responsibilities or learning opportunities beyond those experienced during previous employment
- 2) Maintain accurate records and timesheets
- 3) Attend course orientation and course exit meeting
- 4) Schedule two meetings with instructor to evaluate goals
- 5) Participate in evaluation process administered by instructor and work supervisor
- 6) Prepare written report of accomplishments, lessons learned, and how EHSM courses apply to the work environment

Course Objectives

Students will be able to:

- 1) Develop two to three specific educational goals to be completed during the semester which will enhance problem solving, critical thinking, and communication skills required to perform effectively within the EHSM field.
- 2) For each goal, develop a training plan which includes implementation processes and procedures and a completion date.
- 3) Function safely and professionally in a typical EHSM workplace environment.
- 4) Identify, select, and apply environmental technology as required on the job.
- 5) Assess future training needs for a career in environmental technology.

Method of Evaluation

A grading system will be established by the instructor and implemented uniformly. Grades will be based on demonstrated proficiency in subject matter determined by multiple measurements for evaluation, one of which must be essay exams, skills demonstration or, where appropriate, the symbol system.

- 1) Instructor and field supervisor observations which measure students' ability to function safely and professionally within the EHSM field and apply problem solving, critical thinking, technological, and communication skills required to perform effectively on the job.
- 2) Self-critique which measures students' ability to monitor and evaluate their job performance and assess and plan for future training needs.

Special Materials Required of Student

Depending on the location: security clearance, personnel protective equipment and transportation

Minimum Instructional Facilities

Classroom for orientation and meetings

Method of Instruction

Field observation and on-the-job training

Out-of-Class Assignments

- 1) Reading assignments
- 2) Writing assignments
- 3) Projects
- 4) Reports
- 5) Industry assigned goals

Texts and References

- 1) Required (representative example): Standard industry materials to be provided
- 2) Supplemental: None

Student Learning Outcomes

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

- 1) Function safely and professionally in a typical EHSM workplace environment.