

# NEW/MODIFIED/ACTIVATED/INACTIVATED COURSE

Division: **School of Technology & Human Services**

Date: 3/15/99

Course Designator: **EHMT 150A**

Title: **Waste Management Applications I**

Same as (other course(s) designator(s), \_\_\_\_\_ ,

Effective Catalog Year: **1999-2000**

Faculty Originator: **Robert Evangelista**

New Course

Course Classification Code: **I3**

Course Modification\*

SAM Classification Code: **B**

Inactivate Course

Activate Course

Requires Board Approval:

Units of Credit From: To:  
Lecture Hours From: To:  
Laboratory Hours From: To:  
Degree Status From: To:

Prerequisite  (attach change)  
Co-requisite  (attach change)

Course Designator:

From:

To:

Board Approval Not Required:

Course Description   
Grading Basis   
Recommended Preparation   
Other:

Title:

From:

To:

Rationale for Modification or Activation or Inactivation:

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**\*NOTE: Attach new or modified course outline for all course modifications.**

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\_\_\_\_\_  
Division Dean

\_\_\_\_\_  
Date

\_\_\_\_\_  
Vice President for Academic Affairs

\_\_\_\_\_  
Date

\_\_\_\_\_  
Academic Senate Vice President

\_\_\_\_\_  
Date

Instructional Office Use Only:

Approved by:

C & I Sub A Date: \_\_\_\_\_

C& I Committee Date: \_\_\_\_\_

Governing Board Date: \_\_\_\_\_

Catalog Number Date: \_\_\_\_\_

# GENERAL INFORMATION

- A. Need for course  
**Working adult students and U.S. Navy personnel need courses that are of shorter duration to achieve completion due to changing personal schedules and deployments. This course is the first half of the existing EHMT 150 and is the first course of a four-course series.**
- B. Specific student population for whom this course is designed  
**Working adult students, U.S. Navy personnel, and general Environmental Technology students**
- C. Parallel courses offered elsewhere in: **(MUST BE COMPLETED)**
- (a) Community Colleges
- | Course Title | College |
|--------------|---------|
|--------------|---------|
- (b) Four-year Institutions
- | Course Title                                    | College/University |
|---|--------------------|
| ERM 411, Environmental Law I                    | CSU Bakersfield    |
| ERM 412, Environmental Law II                   | CSU Bakersfield    |
| ENSC 020, Principles of Env. Law and Regulation | UC Riverside       |
| ESP 161, Environmental Law                      | UC Davis           |
- For vocational courses only:  
Recommended by Advisory Committee: Yes [ ] No [✓]
- D. Scheduling Characteristics:  
Fall [ ] Spring [ ] Variable [✓]
- E. Check One: Degree applicable [✓] Non Degree applicable [ ]
- F. Course Challengeable by Exam: Yes [✓] No [ ]  
If no, rationale:
- G. Graduation Requirements  
Recommended for:
1. Plan A--General Education Requirements for the Associate Degree Under [ ]
  2. Plan B--General Education Breadth Requirements, California State University Under [ ]
  3. IGETC UC/CSU General Education Breadth Requirements, University of California Under [ ]
- H. Transferability
1. Recommended for California State University (course number must be three digits) [✓]
  2. Recommended for University of California (course number must be three digits) [✓]
  3. Non Transferable (course number must be two digits) [ ]
  4. 295 Course Transferable [ ] Non Transferable [ ]
- I. FSA (Faculty Service Area Number) 029

# SOUTHWESTERN COLLEGE

## COURSE OUTLINE

Division: **School of Technology &  
Human Services**

Origination Date: **3/15/99**

Modification Date:

Effective Date: **Fall 1999**

Course Designator

And Number

Title

Units

Lec

Lab

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<b>EHMT 150A</b>	<b>Waste Management Applications I</b>	<b>2</b>	<b>1.5</b>	<b>1.5</b>
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Same as (other course(s) designator(s), ,

Grading Basis: **Grading scale; credit/no credit option available**

Prerequisite:

Co-requisite:

Recommended Preparation:

**Chem 100 and EHMT 100**

Course Description & Scope: (50 words or less)

**Overview of Federal RCRA and California Environmental Waste Regulations for operating facilities: Emphasis is placed on waste identification, on-site waste management, generator responsibility, waste manifesting, and transportation. Laboratory provides hands-on applications. (Not open to students with credit in EHMT 150.) [CSU; UC]**

Measurable Course Objectives and Minimum Standards, as Determined by Standards set by the instructor, at 70% Proficiency for a Grade of "C":

1. Student will, through a written exam, identify current statutes and regulations concerning waste management.
2. Student will, through a written exam, read and interpret current laws and regulations, and the liabilities and penalties for noncompliance.
3. Student will, through a written exam, determine regulatory jurisdiction (federal, state, or local agencies).
4. Student will, through a written exam, describe how to make proper contact with regulatory authorities.
5. Student will describe how to make proper contact with information support services.
6. Student will, through a written exam, distinguish between regulations and organizational policies.

7. Student will, through a written exam and/or a laboratory exercise, plan methods and strategies to remain in compliance with regulations.
8. Student will, through a laboratory exercise and a written exam, demonstrate procedures to ensure waste compatibility.
9. Student will, through a laboratory exercise and a written exam, demonstrate methods for identification/classification of hazardous waste.
10. Student will, through written exam, understand methods of on-site waste management in compliance with regulations, including storage, handling, and disposal.
11. Student will, through written exam, be knowledgeable of regulatory requirements for waste transportation and, through laboratory exercise, understand how to fill out manifest documents.
12. Student will, through written exam, demonstrate regulatory requirements for on-site waste treatment.

Core Content to be Covered in all Sections:

1. Approximately 11 % of course  
**Introduction, regulatory overview, and agency jurisdiction**
2. Approximately 28 % of course  
**Waste identification and classification, and waste compatibility**
3. Approximate 28 % of course  
**On-site waste management and generator responsibility**
4. Approximate 11 % of course  
**Waste manifesting and transportation for off-site treatment, storage and disposal**
5. Approximate 11 % of course  
**Tiered permitting for on-site waste treatment**
6. Approximate 11 % of course  
**Student assessment and assessment review**
7. Approximate \_\_\_ % of course
8. Approximate \_\_\_ % of course
9. Approximate \_\_\_ % of course
10. Approximate \_\_\_ % of course
11. Approximate \_\_\_ % of course: Supplemental

NOTE: For Specific Details, see Instructor's Syllabus.

Method of evaluation to determine if objectives have been met by students:  
(Check all that apply)

Exams:

Essay	<input type="checkbox"/>	Class Activity	<input checked="" type="checkbox"/>	Written Assignments	<input type="checkbox"/>
Problem Solving Exercise	<input checked="" type="checkbox"/>	Skill Demonstration	<input checked="" type="checkbox"/>	Lab Activity	<input checked="" type="checkbox"/>
Objective Test	<input checked="" type="checkbox"/>	Oral Assignments	<input type="checkbox"/>	Quizzes	<input checked="" type="checkbox"/>

Other

Instructional Methodology: (Check all that apply)

Lecture	<input checked="" type="checkbox"/>	Demonstration	<input checked="" type="checkbox"/>	Discussion	<input checked="" type="checkbox"/>
Audiovisual	<input checked="" type="checkbox"/>	Individual Assistance	<input checked="" type="checkbox"/>	Group Activity	<input checked="" type="checkbox"/>

Computer Assisted Instruction

Requires a minimum of three (3) hours of work per unit, including class time

Required and Major Optional Reading(s), Including Textbook(s) and Software: (Author-last name, first name. Title. Location: Publisher, Year)

**Dufor, J.T. Hazardous Waste Management Manual. California Chamber of Commerce, latest edition.**