

METROPOLITAN STATE COLLEGE of DENVER
Office of Academic Affairs

REGULAR COURSE SYLLABUS

School of: Professional Studies

Department: Engineering Technology

CIP Code: 15.0201

Prefix & Course Number: CET 3320

Crosslisted With*: _____

Course Title: Environmental Impact Statements

Check All That Apply: Required for Major: _____ Required for Minor: _____ Specified Elective: X

Required for Concentration: _____ Elective: X Service Course: X

Credit Hours: 3 (3+0)

Total Contact Hours per semester (assuming 15-16 week semester):

Lecture 45 Lab 0 Internship 0 Practicum 0 Other (please specify type and hours): _____

Schedule Type(s): L Grading Mode(s): L

Variable Topics Courses (list restrictions, including the maximum number of hours that can be earned**):

**** NOTE: This information must be included in the course description.**

Restrictions (Variable Topics Course): _____

Prerequisite(s): at least junior standing or permission of instructor

Corequisite(s): None

Prerequisite(s) or Corequisite(s): _____

Banner Enforced:

Prerequisite(s): _____

Corequisite(s): _____

Prerequisite(s) or Corequisite(s): _____

Catalog Course Description:

This course is a study of the physical and legal requirements of the environmental impact assessment process. Students will learn to do information research and prepare a draft environmental impact statement.

APPROVED:

<u>26</u>		<u>3 Apr 08</u>
Department Chair	OR Program Director	Date
		<u>4/8/08</u>
Dean	OR Associate Dean	Date
		<u>5/18/08</u>
Associate VP, Academic Affairs		Date

*If crosslisted, attach completed Course Crosslisting Agreement Form

Prefix and Course Number: CET 3320

Required Reading and Other Materials will be equivalent to:

NO required text, Course materials will be handed out by faculty as needed.

Specific, Measurable Student Behavioral Learning Objectives:

Upon completion of this course the student should be able to:

1. Interpret the history and the quality of life implications of environmental protection.
2. Interpret the history of the development of the requirements for Environmental Impact Statements by:
 - a. Congressional Action – National Environmental Policy Act
 - b. Environmental Protection Agency
 - c. Industry involvement and response
3. Apply the principle processes used in developing an Environmental Impact Assessment and/or an Environmental Impact Statement including:
 - a. Problem definition
 - b. Data collection
 - c. Data analysis
 - d. Economic impact
 - e. Cultural impact
 - f. Alternatives
4. Present the sequence of the processes of developing an Environmental Impact Statement:
 - a. Federal level
 - b. State level
 - c. Local level
 - d. Public hearings
 - e. Private industry

Detailed Outline of Course Content (Major Topics and Subtopics) or Outline of Field Experience/Internship (experience, responsibilities and supervision):

- | | |
|--|--|
| <ol style="list-style-type: none"> I. History of Environmental Impact Statements <ol style="list-style-type: none"> A. Congressional Act; National Environmental Policy Act (N.E.P.A.) B. EPA II. Elements of Assessments and Impact Statements <ol style="list-style-type: none"> A. Physical B. Environmental C. Economic D. Cultural III. Evaluation of Current Draft Environmental Impact Statement (DEIS) IV. Presentation of Current Draft Environmental | <ol style="list-style-type: none"> Impact Statement (DEIS) by Member of Federal Agency V. Problem Definition <ol style="list-style-type: none"> A. Federal level B. State level C. Local level D. Private industry VI. Data Needs <ol style="list-style-type: none"> A. Collection B. Analysis C. Presentation in written and seminar format |
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Evaluation of Student Performance:

1. Written examinations
2. Assigned homework problems
3. Class project consisting of the development of an Environmental Impact Assessment or an Environmental Impact Statement
4. Project presentation