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:

Department Chair OR Program Director

Dean OR Associate Dean

Associate VP, Academic Affairs

*If crosslisted, attach completed Course Crosslisting Agreement Form
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):

I. History of Environmental Impact Statements
   A. Congressional Act; National Environmental Policy Act (N.E.P.A.)
   B. EPA
II. Elements of Assessments and Impact Statements
   A. Physical
   B. Environmental
   C. Economic
   D. Cultural
III. Evaluation of Current Draft Environmental Impact Statement (DEIS)
IV. Presentation of Current Draft Environmental Impact Statement (DEIS) by Member of Federal Agency

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