



THE OHIO STATE UNIVERSITY
COLLEGE OF ENGINEERING

Environmental Engineering Capstone Design

ENVENG 4090

Credit Hours:

3.00

Course Levels:

Undergraduate (1000-5000 level)

Course Components:

Lecture
Lab

Course Description:

Culminating design course for the Environmental Engineering program. Must be taken as close to graduation as possible.

Prerequisites and Co-requisites:

Prereq: 3200, 3210, CivilEn 3160, and 2060, and GenEd 1201 or GenEd 2601; or permission of instructor.

Course Goals / Objectives:

- Give environmental engineering students and integrated design experience that includes realistic problems, team-work and report preparation and presentation
 - GE Reflectn Booknd LO: Engaged Citizenship & Intercultural Competency: Students consider public health, safety, welfare, global, cultural, social, environmental, & econ factors in applying eng design to produce solutions meeting specified needs.
 - GE Reflectn Booknd LO: Personal & Professional Development: Students individually assess and pursue personal professional growth in concert with project requirements and personal career goals.
 - GE Reflectn Booknd LO: Cultivate Engineering Mindset: Students develop an engineering mindset that demonstrates constant curiosity, makes connections between disparate bodies of information, and seeks opportunities to create value.
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Course Topics:

- This course does not consist of topics. Rather the students work in a group environment with the instructor serving in the role of an outside consultant interacting in a professional manner with the groups.
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Designation:

Required