

MAE 124
Environmental Challenges: Science and Solutions (4 units)

Class/Laboratory Schedule: 3 lecture hours, 1 discussion hour per week, 8 hours outside prep for a total of 12 hours/week

Course Coordinator(s): Yousef Bahadori

Textbooks/Materials:

Catalog Description: This course explores the impacts of human, social, economic and industrial activity on the environment. It highlights the central roles in ensuring sustainable development played by market forces, technological innovation and governmental regulation on local, national and global scales.

Prerequisites: Math 10A – 10C; Math 20B; or consent of instructor.

- Required Course for Environmental Engineering Major
- Technical Elective for Mechanical Engineering Major
- Other: _____

Performance Criteria:

Objective 1

Objective 2

Objective 3

Course Objectives:

(Numbers in parentheses refer to the specific MAE Program Outcomes)

Objective 1:

Objective 2:

Objective 3:

Course Topics:

Prepared By: