



ENVS 547: Environmental Pollution

SYLLABUS

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Description: The course mainly deals with problems related to marine and air pollution. Some of the topics are: different marine habitats, sources of marine pollution, types of pollution, and effects of pollution on marine life, prevention and remedies for problems of pollution.

Prerequisite: ENVS 520 or consent of the Instructor.

Course Outline

Week No.	Subject
1	Introduction to course material Defining pollution & Why do we need to be concerned about pollution?
2	Measuring change due to pollution
3	Water pollution
4	Water pollution assessment and control
5	Marine pollution
6	Air pollution
7	Outdoors & Indoors Air Pollution
8	Air pollution assessment & control
9	Land contamination & site characterization
10	Climate change; greenhouse effect & global warming
11	Laboratory session, water, air and soil analysis
12	Hazardous waste management
13	Thermal and radioactive pollution
14	Environmental impact assessment
15	Presentations of the term paper or project

Grading

Activities	Points
Attendance and participation in class discussions	10
Exam 1	20
Exam 2	20
Term paper or project	20
Final	30