Instructor: Sait C. Sofuoğlu (Phone-6296, email-cemilsofuoglu@iyte.edu.tr)
Assignments: Homeworks
Grade: Midterm-40%
        Final-40%
        Homework-20%
Office Hours: Tuesdays 13:30 – 15:00
Website: http://www.iyte.edu.tr/~cemilsofuoglu/che226.htm

Tentative Program
Week 1 – Overview
    Introduction, Domains of EnvE, Context and Concepts
Week 1&2 – Water, Air, and Their Impurities
    Water and the hydrosphere, Air and the atmosphere, Impurities in Environmental
    Media (gases in water, water in air, acids and bases, inorganics, organics,
    radionuclides, compounds causing odor, taste, and color, particles, microorganisms)
Weeks 2&3 – Transformation Processes
Weeks 4-6 – Water Quality Engineering
    Nature of Water Quality Problems, Overview of Regulations and Treatment
    Systems, Physical Treatment Methods, Chemical and Physicochemical Treatment
    Methods, Biological Treatment Methods
Week 7 – Midterm
Weeks 8-11 – Air Quality Engineering
    Nature of Air Quality Problems, Emissions and Controls, Treatment Technologies,
    Air Quality Models
Weeks 12-13 – Hazardous Waste Management
    Overview (History, Magnitude, and Sources of the Problem), Waste Minimization,
    Treatment Processes, Disposal, Environmental Releases and Remediation
Week 14 – Final

Homework are due a week from assignment. Hand them in Thursday classes. Late
submissions no more than a week are acceptable but with 50% grade deduction.

Available books in the library
1. Introduction to Environmental Engineering and Science by G.M. Masters,
   TD145.M33 1998
2. Environmental Pollution and Control by P.A. Vesilind
   TD145.V43 1990