

Course Schedule - Fall 2005

Civil and Environmental Engineering

434 ***Environmental Systems, I*** Credit: 3 hours.

(CEE 339) Introduction to the concepts and applications of environmental systems analysis. Application of mathematical programming and modeling to the design, planning and management of engineered environmental systems, regional environmental systems, and environmental policy. Economic analysis, including benefit-cost analysis and management strategies. Concepts of tradeoff, non-inferior sets, single and multi-objective optimization. Practical application to case studies to convey an understanding of the complexity and data collection challenges of actual design practice. Prerequisite: CEE 201 or GE 330; CEE 330.

CRN	Type	Section	Time	Days	Location	Instructor
29744	lecture-discussion	C	10:00 AM - 10:50 AM	MWF	room 1302 Siebel Center for Comp Sci	Eheart, J