

# Course Schedule - Spring 2006

## Civil and Environmental Engineering

491 ***Decision and Risk Analysis*** Credit: 3 or 4 hours.

Development of modern statistical decision theory and risk analysis, and application of these concepts in civil engineering design and decision making; Bayesian statistical decision theory, decision tree, utility concepts, and multi-objective decision problems; modeling and analysis of uncertainties, practical risk evaluation, and formulation of risk-based design criteria, risk benefit trade-offs, and optimal decisions. 3 undergraduate hours. 3 or 4 graduate hours. Prerequisite: CEE 202.

CRN	Type	Section	Time	Days	Location	Instructor
31740	lecture-discussion	D3	02:00 PM - 02:50 PM	MWF	room 1304 Siebel Center for Comp Sci	Song, J
31740: 3 hours						
44798	lecture-discussion	D4	02:00 PM - 02:50 PM	MWF	room 1304 Siebel Center for Comp Sci	Song, J
44798: 4 hours						