

Course Schedule - Fall 2006

Civil and Environmental Engineering

201 **Systems Engrg & Economics** Credit: 3 hours.

Introduction to the formulation and solution of civil engineering problems. Major topics are: engineering economy, mathematical modeling, and optimization. Techniques, including classical optimization, linear and nonlinear programming, network theory, critical path methods, simulation, decision theory, and dynamic programming are applied to a variety of civil engineering problems. Prerequisite: MATH 231 (formerly MATH 230); credit or concurrent registration in MATH 225.

CRN	Type	Section	Time	Days	Location	Instructor
29694	lecture-discussion	NP	10:00 AM - 11:20 AM	TR	room 112 Transportation Bldg	Minsker, B