

Course Schedule - Spring 2008

Mathematics

489 ***Differential Equations II*** credit: 3 or 4 hours.

Treats systems of linear differential equations (including the necessary matrix theory), and then concentrates on nonlinear systems, studying their dynamics by means of phase plane analysis and other methods. Provides applications of nonlinear systems to physics and biology. 4 hours of credit requires approval of the instructor and completion of additional work of substance. Prerequisite: One of MATH 284, MATH 285, MATH 286, MATH 441.

CRN	Type	Section	Time	Days	Location	Instructor
38150	lecture-discussion	C13	10:00 AM - 10:50 AM	MWF	room 148 Henry Administration Bldg	Palmore, J
38150: 3 hours Open to both undergraduate and graduate students.						
38151	lecture-discussion	C14	10:00 AM - 10:50 AM	MWF	room 148 Henry Administration Bldg	Palmore, J
38151: 4 hours Instructor Approval Required Instructor approval forms available in 313 Altgeld Hall.						