

Course Schedule - Spring 2008

Mathematics

481 **Vector and Tensor Analysis** credit: 3 or 4 hours.

Vector spaces, transformation properties, covariant and contravariant tensors, and differential geometry of surfaces; applications to relativity theory. 4 hours of credit requires approval of the instructor and department with completion of additional work of substance. Prerequisite: MATH 241 or MATH 380, or equivalent; or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
38087	lecture-discussion	N13	10:30 AM - 11:50 AM	TR	room 343 Altgeld Hall	Alexander, S
38087: 3 hours Open to both undergraduate and graduate students.						
38089	lecture-discussion	N14	10:30 AM - 11:50 AM	TR	room 343 Altgeld Hall	Alexander, S
38089: 4 hours Instructor Approval Required Instructor approval forms available in 313 Altgeld Hall.						