

# Course Schedule - Fall 2005

## Aerospace Engineering

470 ***Aerospace Numerical Methods*** Credit: 3 hours.

(A A E 270) Introduction to numerical methods used in aerospace engineering. Finite difference method; Variational principles and Rayleigh-Ritz method; finite element method; applications from simple structural mechanics and aerodynamics problems encountered in aerospace engineering. 3 undergraduate hours. No graduate credit.

Prerequisite: CS 101, AE 311, AE 312, AE 321, and AE 322; or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
29791	lecture-discussion	A	09:00 AM - 09:50 AM	MWF	room 106B1 Engineering Hall	Geubelle, P