

Course Schedule - Fall 2006

Aerospace Engineering

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

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 106B8 Engineering Hall | Geubelle, P |