

Course Schedule - Fall 2005

Computer Science

450 *Intro to Numerical Analysis* Credit: 3 or 4 hours.

(C S 350) Introduction to numerical analysis, including linear system solvers, optimization techniques, interpolation and approximation of functions, solving systems of nonlinear equations, eigenvalue problems, least squares, and quadrature; numerical handling of ordinary and partial differential equations. Same as CSE 401, ECE 491, and MATH 450. 3 undergraduate hours. 3 or 4 graduate hours. Prerequisite: CS 101 or CS 125; CS 257 or MATH 415; one of MATH 385, MATH 386, MATH 441; or consent of instructor.

| CRN | Type | Section | Time | Days | Location | Instructor |
|----------------|--------------------|---------|---------------------|------|---|------------|
| 36016 | lecture-discussion | B3 | 09:00 AM - 09:50 AM | MWF | room 1310 Digital Computer Laboratory | Bond, S |
| 36016: 3 hours | | | | | | |
| 36020 | lecture-discussion | B4 | 09:00 AM - 09:50 AM | MWF | room 1310 Digital Computer Laboratory | Bond, S |
| 36020: 4 hours | | | | | | |