

Course Schedule - Spring 2008

Computer Science

455 **Numerical Methods for PDEs** credit: 3 or 4 hours.

Introduction to numerical techniques for initial and boundary value problems in partial differential equations.

Examines finite difference and finite element discretization techniques, direct and iterative solution methods for discrete problems, and programming techniques and usage of FORTRAN packages. Same as CSE 411 and MATH 455. 3 undergraduate hours. 3 or 4 graduate hours. Prerequisite: CS 257; one of MATH 241, MATH 285, MATH 380.

| CRN | Type | Section | Time | Days | Location | Instructor |
|----------------|--------------------|---------|---------------------|------|--|------------|
| 39584 | lecture-discussion | N3 | 12:30 PM - 01:45 PM | TR | room 1103 Siebel Center for Comp Sci | Bond, S |
| 39584: 3 hours | | | | | | |
| 39585 | lecture-discussion | N4 | 12:30 PM - 01:45 PM | TR | room 1103 Siebel Center for Comp Sci | Bond, S |
| 39585: 4 hours | | | | | | |