

Course Schedule - Fall 2005

Computer Science

476 **Program Verification** Credit: 3 or 4 hours.

(C S 376) Examines formal methods for demonstrating correctness and other properties of programs; includes an overview of predicate calculus. Topics include: invariant assertions, Hoare axiomatics, well-founded orderings for proving termination, structural induction, computational induction, data structures, and parallel programs. 3 undergraduate hours. 3 or 4 graduate hours. Prerequisite: CS 225; CS 273 or MATH 414.

| CRN | Type | Section | Time | Days | Location | Instructor |
|----------------|--------------------|---------|---------------------|------|--|-------------|
| 35855 | lecture-discussion | D3 | 09:30 AM - 10:45 AM | TR | room 1103 Siebel Center for Comp Sci | Meseguer, J |
| 35855: 3 hours | | | | | | |
| 35852 | lecture-discussion | D4 | 09:30 AM - 10:45 AM | TR | room 1103 Siebel Center for Comp Sci | Meseguer, J |
| 35852: 4 hours | | | | | | |