Computer Science

CS 476  **Program Verification**  credit: 3 OR 4 hours.
Formal methods for demonstrating correctness and other properties of programs. Invariant assertions; Hoare axiomatics; well-founded orderings for proving termination; structural induction; computational induction; data structures; parallel programs; overview of predicate calculus. 3 undergraduate hours. 3 or 4 graduate hours. Prerequisite: CS 225; CS 374 or MATH 414.

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<td>1131 - Siebel Center for Comp Sci</td>
<td>Meseguer, J</td>
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