

SCHOOL OF ENGINEERING  
AND APPLIED SCIENCE

UNIVERSITY OF CALIFORNIA  
LOS ANGELES

COURSE PROPOSAL

TO: Office of Student Affairs  
6426 Boelter Hall

Date: January 12, 1999

FROM: D.S. Parker Computer Science  
(Proposer) Department

Course No. CS234A Title Correctness Proofs

New Course \_\_\_\_\_ Revision \_\_\_\_\_ Deletion X

Prerequisites \_\_\_\_\_

CATALOG DESCRIPTION (Limit 40 words):

**234A. Correctness Proofs. Prerequisite: consent of instructor. Theoretical and practical aspects of correctness proofs. Partial correctness, total correctness, and termination. Axiomatic semantics and proof systems. Abstraction and correctness of implementations. Formulation, execution, and assessment of correctness proofs. Topics of current research interest.**

JUSTIFICATION FOR PROPOSAL:

**This course is superseded by CS230A (Models of Information and Computation).**

Revised 1/12/98

