

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. CS232A Title Operational Semantics of Prog. Lang.

New Course _____ Revision _____ Deletion X

Prerequisites _____

CATALOG DESCRIPTION (Limit 40 words):

232A. Operational Semantics of Programming Languages. Lecture, four hours; outside study, eight hours. Prerequisites: courses 131, 181, or equivalent. Introduction to formal semantics. Interpreter-based operational definitions. Induction and structural operational semantics. Proving equivalence between structural and interpreter-based operational definitions. Static and dynamic semantics. Example operational definitions of functional, imperative, concurrent, logic, and object-oriented programming languages.

JUSTIFICATION FOR PROPOSAL:

This course is superseded by CS230A (Models of Information and Computation).

Revised 1/12/98

Does this modification affect major or minor field program?
 Yes _____ No X

Submit major field program sheets with handwritten correction.

This course is recommended to satisfy an elective constraint as indicated below:

	Suggested Units (please circle)	Constraints				
		Units Approved by UPC				
<u> </u> Design_____	0 1 2 3 4	0	1	2	3	4
<u> </u> Engineering Science_	0 1 2 3 4	0	1	2	3	4
<u> </u> Laboratory_____	0 1 2 3 4	0	1	2	3	4
<u> </u> Engineering and Science in Society		__DO_NOT_FILL_IN__				
<u> </u> Mathematics - Upper division						

RECOMMENDED _____ Signatures(s): _____
 DEPARTMENT CHAIRMAN PROPOSER DATE

ACADEMIC POLICY COMMITTEE (CSD) _____
 CHAIRMAN PROPOSER DATE

Signature: _____
 EXECUTIVE COMMITTEE (SEAS) INSTRUCTOR IN CHARGE DATE
 CHAIRMAN