TO: Office of Student Affairs  
Date: __February 2, 1999__
6426 Boelter Hall

FROM: __D.S. Parker, P.R. Eggert___  
(Proposers)  
Computer Science  
Department

Course No. __CS131__ Title __Programming Languages__ Units __4__
New Course  
Revision __X__  
Deletion ________________
Prerequisites  

CATALOG DESCRIPTION (Limit 40 words):

Existing catalog description:

131. Programming Languages. Lecture, four hours; laboratory, two hours; outside study, six hours. Prerequisites: courses 32, 33. Study, comparison, and evaluation of alternative strategies for language specification, data description, data control, program modularity, instruction sequencing, and language implementations. Use of a few languages selected from FORTRAN 77, ADA, SNOBOL 14, LISP, MODULA 2, and PROLOG to illustrate particular implementations of some of above features.

Proposed revision:

131. Programming Languages. Lecture, four hours; laboratory, two hours; outside study, six hours. Prerequisites: courses 32, 33. Principles and methods for describing, implementing, and using modern programming languages. Topics include syntax, scope, control, types, inheritance, reliability, and storage management.

JUSTIFICATION FOR PROPOSAL:

Existing catalog description is out of date.
Does this modification affect major or minor field program?  
Yes _______ No ___

Submit major field program sheets with handwritten correction.

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

<table>
<thead>
<tr>
<th>Constraints</th>
<th>Suggested Units (please circle)</th>
<th>Units Approved by UPC</th>
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</thead>
<tbody>
<tr>
<td>Design</td>
<td>0 1 2 3 4</td>
<td>0 1 2 3 4</td>
</tr>
<tr>
<td>Engineering Science</td>
<td>0 1 2 3 4</td>
<td>0 1 2 3 4</td>
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<tr>
<td>Laboratory</td>
<td>0 1 2 3 4</td>
<td>0 1 2 3 4</td>
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<tr>
<td>Engineering and Science in Society</td>
<td><em><strong>DO_NOT_FILL_IN</strong></em></td>
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<tr>
<td>Mathematics - Upper division</td>
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RECOMMENDED

Signatures(s):

___________________________ _______________________________
DEPARTMENT CHAIRMAN PROPOSER DATE

___________________________ _______________________________
ACADEMIC POLICY COMMITTEE (CSD) PROPOSER DATE
CHAIRMAN

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