Please fill in all information. Required signatures are on page two of this form. Please return to: Academic Affairs Committee, Office of the Provost, Anderson Hall, 2nd Floor.

Contact Person: GEORGE BURMEISTER Phone: 946-2470

Date: 1/19/83 School or College: ENGINEERING Department: MECHANICAL

Proposed Course #: BEN 191 Title: INDEPENDENT STUDY

Units: 1-4 Enrollment/Expected Enrollment: 15-20 Grade Option: A-F

Prerequisites: Permission must be received from the department chairperson and the faculty members involved.

Catalog description: Special individual projects are undertaken under the direction of one or more faculty members knowledgeable in the particular field of study.

Permission must be received from the department chairperson and the faculty members involved.

Please attach syllabus.

What are the reasons for the new course (e.g., student needs, major, etc.):

In general, bioengineering is a broad field. An "independent study" will provide flexibility in the bioengineering curriculum. This course would be analogous to ECPE 191, MECH 191 and CIVL 191.

If approved, when will this be implemented? Spring 2004

What is the anticipated impact on resources (e.g., Faculty, funds, library materials etc.):
Existing Bioengineering Faculty can cover the course using existing funds, facilities and library materials.

Describe any special facilities, furnishings, or technology needs. List software needs, if any.
Computer labs maintained by the SOECS will be utilized.
# Approval Process

Please obtain all signatures before submitting to Academic Affairs Committee. Please acquire signatures in the order in which they are listed below.

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
<th>Approved by</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Action by department requesting addition/change:</td>
<td>[Signature]</td>
<td>9/18/03</td>
</tr>
<tr>
<td>2.</td>
<td>Action by the Curriculum and/or Graduate Studies Committee of the School/College:</td>
<td>[Signature]</td>
<td>9-18-03</td>
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<td>3.</td>
<td>Action by the Dean of the School/College:</td>
<td>[Signature]</td>
<td>9-18-03</td>
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<td>4.</td>
<td>Action by the General Education Committee (as appropriate):</td>
<td>N/A</td>
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<td>5.</td>
<td>Action by the Dean of the Library:</td>
<td>[Signature]</td>
<td>10-9-03</td>
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<td>6.</td>
<td>Action by the Director of Educational Technology Services (if computer lab needed):</td>
<td>N/A</td>
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<td>7.</td>
<td>Action by the Graduate Studies Committee (as appropriate):</td>
<td>N/A</td>
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<td>8.</td>
<td>Action by the Registrar (to check course number, etc.):</td>
<td>[Signature]</td>
<td>9-26-03</td>
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<tr>
<td>9.</td>
<td>Action by the Academic Affairs Committee:</td>
<td></td>
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</tbody>
</table>

After approval by the Academic Affairs Committee, information regarding new, revised, or deleted courses is sent to the Registrar for listing in or modifying the catalog.

Form revised 9/4/03
BENG 191. Independent Study (1-4)

Catalog description:
Special individual projects are undertaken under the direction of one or more faculty members knowledgeable in the particular field of study. Permission must be received from the department chairperson and the faculty members involved.

What are the reasons for the new course (e.g., student needs, major, etc.)?
In general, bioengineering is a broad field. An “independent study” will provide flexibility in the bioengineering curriculum. This course would be analogous to ECPE 191, MECH 191 and CIVL 191.

What is the anticipated impact on resources (e.g., Faculty, funds, facilities, library materials, etc.)?
Existing Bioengineering Faculty can cover the course using existing funds, facilities, and library materials.

Will university computer labs be needed? If so, what software will be needed?
Computer labs maintained by the School of Engineering and Computer Science will be utilized.
Proposed Syllabus - BENG 193 – Independent Study - 9/18/03

Fall, Spring and/or Summer Semester

The independent study, deliverables and meeting times will be determined by the instructor.