THE FACULTY SENATE

December 14, 1995

Dr. Ray M. Bowen
President
Texas A&M University

Dear President Bowen:

At its regular meeting held December 11, 1995 the Faculty Senate considered and approved the following proposal from the University Curriculum Committee:

FS.13.093  Nonsubstantive Requests: Changes in Curriculum

College of Engineering
Department of Petroleum Engineering
B.S. in Petroleum Engineering

I enclose for your information a copy of the material sent to Senators on the above items.

Thank you for considering these items. Please inform me of your action on these recommendations.

Sincerely,

Pierce E. Cantrell
Speaker, 1995-96

Enclosure

pc: Dr. Sallie V. Sheppard, Interim Executive Vice President & Provost
    Dr. R. Bruce Simpson, Chair, University Curriculum Committee
    Ms. Linda F. Lacey, Director of Academic Support Services

APPROVED

DATE

DEC 20, 1995

TEXAS A&M UNIVERSITY COLLEGE STATION, TEXAS 77843-1225 TEL. 409/845-9528 FAX 409/845-6445
Report of the University Curriculum Committee
November 10, 1995

The University Curriculum Committee Recommends approval of the following:

Nonsubstantive Requests

Change in Curricula

College of Engineering
Department of Petroleum Engineering
B.S. in Petroleum Engineering
October 17, 1995

TO:      Dr. W. D. Turner  
      Associate Dean, College of Engineering

FROM:    James E. Russell  
      Department Head, Petroleum Engineering

SUBJECT: New Geology Course

The Petroleum Engineering Department would like to replace the current requirement of GEOL 106 - Historical Geology, with the new GEOL 312 - Structural Geology and Tectonics. There will be no change in the number of hours.

This change will eliminate the need for GEOL 489 in place of GEOL 106 (GEOL 106 does not satisfy our ABET requirements).

Since GEOL 312 will be offered only in the Fall semesters we propose to place it in the Fall semester of the Junior year. This means that one course must be moved from the Fall semester of the Junior year to the Spring semester of the Sophomore year. The best candidate for this move appears to be PHYS 208 - Electricity and Optics.

A letter from Dr. Rabinowitz, Head of the Geology and Geophysics Department, confirming these changes, is attached. A suggested curriculum schedule for Catalog 119 is also attached.

If you have any questions, please contact Hans Juvkam-Wold.

JER-HCJ

cc:   J. E. Russell  
      Undergraduate Affairs Committee Members

Attachments
## Sophomore Year

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>GEOL 104</td>
<td>Physical Geology</td>
<td>3</td>
</tr>
<tr>
<td>MATH 251</td>
<td>Engineering Mathematics III</td>
<td>3</td>
</tr>
<tr>
<td>MEEN 212</td>
<td>Engineering Mech. I</td>
<td>2</td>
</tr>
<tr>
<td>PETE 205</td>
<td>Petroleum Development</td>
<td>2</td>
</tr>
<tr>
<td>Directed elective</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>*Military, air or naval science</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>KINE 199</td>
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## Junior Year

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<tbody>
<tr>
<td>ECON 202</td>
<td>Principles of Economics</td>
<td>3</td>
</tr>
<tr>
<td>MEEN 213</td>
<td>Engineering Mechanics II</td>
<td>2</td>
</tr>
<tr>
<td>PETE 310</td>
<td>Reservoir Fluids</td>
<td>3</td>
</tr>
<tr>
<td>PETE 417</td>
<td>Petroleum Engineering</td>
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</tr>
<tr>
<td>PETE 413</td>
<td>Petroleum Meas. &amp; Trans</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 312</td>
<td>Struct. Geol. and Tectonics#</td>
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## Summer

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>PETE 300</td>
<td>Summer Practice</td>
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## Senior Year

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<tbody>
<tr>
<td>PETE 402</td>
<td>Petroleum Property Management</td>
<td>3</td>
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<tr>
<td>PETE 405</td>
<td>Drilling Engineering</td>
<td>3</td>
</tr>
<tr>
<td>PETE 414</td>
<td>Well Compel. &amp; Stimulation</td>
<td>3</td>
</tr>
<tr>
<td>PETE 420</td>
<td>Reservoir Engineering</td>
<td>3</td>
</tr>
<tr>
<td>SCOM 203</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>Directed elective</td>
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<td></td>
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## TOTAL 138 hours

*Three hours of history and three hours of political science may be substituted for a student in an approved senior ROTC unit.
1. Of the 21 hours shown as directed electives, 6 must be from humanities, 3 from social science and 12 from citizenship as described in “Directed Electives in Engineering.”
2. To be selected from PETE 403, 406, 416, 422 or 436.
August 10, 1995

MEMORANDUM

TO: James Russell, Head
    Petroleum Engineering Dept.

FROM: Philip Rabinowitz, Head
      Geology & Geophysics Dept.

SUBJECT: Geology 312 offering for Petroleum Engineers

At the request of the Petroleum Engineering Department, the Geology & Geophysics Department has been offering a combination of Historical Geology and Structural Geology as a Geol. 489 offering. Recent revisions in the Geology & Geophysics curriculum have included a change in emphasis in the existing Geol. 312 Structural Geology course which now makes this course similar to what was being offered as Geol. 489. The number of hours credit for Geology 312 has also been raised from 3 to 4 hours. Since this modification has obviously been a unilateral one, people in Petroleum Engineering were not made aware of the necessity to register in Geology 312 for the Fall of 1995. To alleviate this problem, the Geology & Geophysics Department will offer Geology 312 again in the Spring of 1996 on a one time only basis. Henceforth, Geology 312 will be taught only in the succeeding Fall semesters.

We sincerely hope this modification will not impair the program for Petroleum Engineers.

PDR: gjt

Teaching Through Research

College of Geosciences and Maritime Studies