

**SENATE CURRICULUM COMMITTEE
MINOR CURRICULAR CHANGE FORM**

⑫

PROPOSAL TITLE: ^{Change} Analytical Mechanics from 4s.b. → 3s.b.
(1902, 315)

UNDERGRADUATE **GRADUATE** **CREDIT HOURS**

SPONSOR(S): U. Ling
DEPARTMENT: Chem + Phys
TELEPHONE: --4855

CHECK:

CHANGES IN APPROVED MINORS, SPECIALIZATIONS, CONCENTRATIONS

CATALOG DESCRIPTIONS, TITLES, AND/OR PREREQUISITES

SMALL CHANGES IN COURSE CONTENT OF EXISTING COURSES WHICH DO NOT SUBSTANTIALLY VARY THE CURRICULUM

CHANGES IN HEGIS NUMBER

STEP #1 (DEPARTMENT)

Date Approved: 9/12/97

Date **NOT** Approved: _____

RJ Moulton 9/12/97 rms
Dept. Curriculum Chairperson signature/date

RJ Moulton 9/12/97 rms
Dept. Chairperson signature/date

STEP #2 (COLLEGE)

Recommend To Approve/date: 10/20/97

Recommend **NOT** To Approve/date: _____

Comments: _____

Kon P. Magesh
College Curriculum Chairperson Signature /date

STEP #3 (ACADEMIC DEAN)

Recommended

NOT Recommended

[Signature]
Dean of College Signature/date

STEP #4 (CURRICULUM COMMITTEE)

SCC# 9798-34
Rec. 10.9.97

APPROVED: 12/2/97

NOT APPROVED: _____

Jaquette M. Reeves 12/2/97
Curriculum Committee Chairperson Signature/date

STEP #5 EXECUTIVE VP/PROVOST

Approved

NOT Approved

[Signature] 1/26/98
Signature /Date

REGISTRAR'S SIGNATURE/DATE: B. K. King 2-9-98

Minor change

1. Details:

Change requested: Change Analytical Mechanics(1902.315) from 4 to 3 credit hours

Sponsors: Hong Y. Ling and Department of Chemistry and Physics

2. Rationale:

Analytical Mechanics can be broadly divided into two parts: dynamics and statics. However, dynamics is emphasized in a typical physics program. The Analytical Mechanics currently offered in Rowan covers both dynamics and statics. This is because when the course was introduced the pre-engineering program was still in place. The inclusion of the statics in this course was to accommodate the need of pre-engineering majors. The pre-engineering program was terminated two years ago when Rowan began to develop its own engineering program. Meanwhile, a new BS. Physics program was developed. This course is one of the required upper-level physics courses for the physics majors. Since statics will be dropped from the content of this course, we request that the credit hours of this course be reduced from 4 to 3.

3. Results of Consultations:

Members of Department of Chemistry and Physics