

SENATE CURRICULUM COMMITTEE
MINOR CURRICULAR CHANGE FORM

(R)

PROPOSAL TITLE: Statistics I (1701.260)

UNDERGRADUATE

GRADUATE

CREDIT HOURS

SPONSOR(S): A. Abay
DEPARTMENT: Mathematics
TELEPHONE: x. 3878

RECEIVED
FEB 18 1998

OFFICE OF THE DEAN
ARTS AND SCIENCES

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: 10/16/97

Date NOT Approved: _____

ben abay 10/20/97

Dept. Curriculum Chairperson signature/date

J. P. ... 10/22/97

Dept. Chairperson signature/date

STEP #2 (COLLEGE)

Recommend To Approve/date: 2/2/98

Recommend NOT To Approve/date: _____

Comments:

K. P. ...

College Curriculum Chairperson Signature /date

STEP #3 (ACADEMIC DEAN)

Recommended

NOT Recommended

[Signature] 2/18/98
Dean of College Signature/date

STEP #4 (CURRICULUM COMMITTEE)

SCC# 9798-219
11-19-97

C.H. 4-17-98
520 400 403378

APPROVED:

NOT APPROVED:

[Signature] 5/1/98
Curriculum Committee Chairperson Signature/date

STEP #5 EXECUTIVE VP/PROVOST

MAY 1 1998

Approved

NOT Approved

[Signature] 5/1/98
Signature /Date

REGISTRAR'S SIGNATURE/DATE:

Robert A. Kulat 5/21/98

**Rowan University
Department of Mathematics**

Minor Curricular Change

**Changing Prerequisites and Catalog Description for
Statistics I**

1. Details

- a. Change requested:

Remove Precalculus as a prerequisite for 1702.260 Statistics I. Change catalog description for 1702.260 Statistics I.

- b. Sponsor: Curriculum Committee, Mathematics Department

2. Rationale

- a. Statement of “need” for such a change:

Starting in the Fall of 1998, students will not be able to register if they have not fulfilled the course prerequisites. The above course has a prerequisite that can be satisfied in high school. Since the registration system does not check courses taken in high school, it is appropriate to eliminate the prerequisite for the above course. However, it will be indicated in the catalog description that students are expected to have completed an equivalent of College Algebra.

- b. Statement of curricular effect:

None

3. Results of Consultation

The above is approved by the Curriculum Committee of the Mathematics Department.



New Catalog Description

1702.260

3 s. h.

Statistics I

Students learn to use frequency distributions, histograms, bar and line graphs, and measures of location and variability to describe data. The course considers elementary probability, and uses the binomial, normal, chi-square and t-distributions in estimation and hypotheses testing. It includes sampling techniques and the calculation procedure for linear regression and correlation. Use of a graphing calculator is required; computer software may be used. Students are expected to have completed an equivalent of 1701.123 College Algebra.