

Glassboro State College Senate Curriculum Committee

Approval Form

Proposal Title: New Course - End User Computing - Database Management

Sponsor(s) Daniel Davis Dept.: Management Ext. 6031

Check one: Course Specialization Concentration Minor Achievement Certificate
 Certification Program Major Program Minor Change
(Please name: deletion or credit/title/catalog change)

Undergraduate

Graduate

1.0 Credit Hours

Step 1 (Department)

Approved 11/17/87
Date

Not Approved
[Signature]
Dept. CC Chairperson

Reviewed 11/17/87
Date

[Signature]
Dept. Chairperson

Step 2 (Receipt)

SCC# 87-88-15

Proposal Received 11/18/87
Date

Brenda A. Bolay
SCC Chairperson

Step 3 (School CC)

Reviewed 11/18/87

Approved
 Not Approved

Comments:

[Signature]
School Curr. Comm. Chairperson

Step 4 (Academic Dean)

Comments:

Recommend
 Not Recommend
 Conditionally Recommend (see comments)

Reviewed 11/25/87
Date

[Signature]
Signature, Dean of School

Step 5 (SCC)

Open Hearing 12/1/87 Approved by Senate Curriculum Committee 2/16/88
Date Date

Returned to sponsor(s) for the following reasons:

[Faint handwritten text]

Step 6 (Senate)

Presented to Senate 2/26/88 Approved Not Approved
Date

Notification to Vice-President for Academic Affairs 3/1/88 Brenda A. Bolay
Date Signature, SCC Chairperson

Step 6 (Senate)

Received 3/3/88
Date

Approved YES No

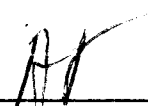
If no, reasons are as follows:

Student credit hours 1

Faculty load hours 1

Equalized credit hours 1

Official copy and approval sheet filed 5-17-88
Date



Signature, Vice President for Academic Affairs

Registrar

Approved course description received _____
Date

Hegis Taxonomy and Course Number assigned _____

Signature, Registrar Date

Notification forwarded:

- Senate Curriculum Committee Chairperson
- Department Chairperson(s)
- Academic Dean(s)
- Registrar
- Sponsor(s)

GLASSBORO STATE COLLEGE
SCHOOL OF BUSINESS ADMINISTRATION

NEW COURSE PROPOSAL

Course Proposal Format

Details

Course Title: End User Computing - Database Management

Sponsor: Daniel W. Davis, Assistant Professor,
School of Business Administration

Course Level: Sophomore

Curricular effect: This course will be taken as either a business elective or free elective. There are three End User Computing modules - business applications, electronic spreadsheet, and database management. Each module is one credit.

Prerequisites: Computer Literacy

Suggested time and scale of implementation:

This new course should be offered in the Fall 1988 to coincide with the changes necessary for the Challenge Grant.

Adequacy of present staff:

There are several faculty in the School of Business Administration, Computer Science Department and elsewhere at the College that are qualified to teach this course.

Rationale

It is necessary for college graduates to be able to use the file management and database management systems. This course will teach students how users query the database. The purpose of the course is to familiarize students with database management systems, structured query language (SQL), and relational database management systems. The concepts learned in this course will be applied in all upper level business courses.

Essence of the Course

Objective of the course in relation to student outcomes:

This course is designed to give students in the School of Business Administration an opportunity to learn a database management system and interact with the database at the user level. The student will be expected to be familiar with the query capabilities, report capabilities, and basic information gathering techniques using a relational database management system. Database management systems concepts will be used at all levels of business courses in the School of Business Administration.

Students must be able to:

1. query the database SELECT FROM WHERE
2. understand the power of relational databases
3. insert, delete, update the database
4. use intermediate commands
5. interact with business application software that interfaces with the database

Topical Outline and Content:

1. SQL- Forms, Calc, Report
2. Relational database - file, record column
3. elementary relational algebra
4. intermediate power of relational systems i.e. one to one, one to many and many to many
5. elementary locking concepts
6. elementary distributed concepts
7. file server and local area networks
8. business application software that interfaces with the database management system

Result of Consultation:

Consultation with Challenge Grant business representatives, School of Business faculty and chairpersons, the Challenge Grant committee, and the Math/Computer Science Department have been very supportive of the business applications, electronic spreadsheet, and database modules.

Catalog Description

This course introduces students to a database management system. Topics covered are relational database systems, the structured query language, and the user friendly tools of modern DBMS such as forms generation, report generation, and querying the database using SELECT FROM WHERE command.