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Approval Form

Proposal Title: Topics in Computer Science 340

Sponsor(s) Nancy Tinkham Dept.: Computer Science Ext. 7323

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

Undergraduate Graduate ___ Credit Hours

| | | |
|--|---|---|
| <p>Step 1 (Department)</p> <p><input checked="" type="checkbox"/> Approved <u>1/27/93</u> <small>Date</small></p> <p><input type="checkbox"/> Not Approved</p> <p><u>A. Michael Benin</u> <small>Dept. CC Chairperson</small></p> <p><input checked="" type="checkbox"/> Reviewed <u>4-28-93</u> <small>Date</small></p> <p><u>[Signature]</u> <small>Dept. Chairperson</small></p> | <p>Step 2 (Receipt)</p> <p><input type="checkbox"/> SCC# <u>929208</u></p> <p>Proposal Received _____ <small>Date</small></p> <p><u>[Signature]</u> <small>SCC Chairperson</small></p> | <p>Step 3 (School CC)</p> <p>Reviewed <u>4-28-93</u></p> <p><input checked="" type="checkbox"/> Approved <input type="checkbox"/> Not Approved</p> <p>Comments: <i>Change prerequisites to "Permission of instructor"</i></p> <p><u>[Signature]</u> <small>School Curr Comm Chairperson</small></p> |
|--|---|---|

Step 4 (Academic Dean) **Comments:**

Recommend
 Not Recommend
 Conditionally Recommend (see comments)

Reviewed _____
Date _____
Signature, Dean of School

Step 5 (SCC)

Open Hearing 10/29/93 Approved by Senate Curriculum Committee 10/18/94
Date Date

Returned to sponsor(s) for the following reasons:

Step 6 (Senate)

Presented to Senate 10/26/94 Approved Not Approved
Date

Notification to Executive Vice-President/Provost 10/26/94 [Signature]
Date Signature, SCC Chairperson

Step 7 (Executive V.P./Provost)

Received 11/14/94
Date:

Approved Yes No

If no, reasons are as follows:

Student credit hours _____

Faculty load hours _____

Equalized credit hours _____

Official copy and approval sheet filed _____
Date

Donald L. Gopke
Signature, Executive Vice-President/Provost

Registrar

Approved course description received 22 Nov 94
Date

Hegis Taxonomy and Course Number assigned 0111-3915

AJ Kibbey
Signature, Registrar

22 Nov 94
Date

Notification forwarded:

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

92-93-68

**Rowan College of New Jersey
Department of Computer Science**

Course Proposal

Selected Topics in Computer Science

6767-210

1. Details

- a. Course Title: Selected Topics in Computer Science
- b. Sponsor: Nancy Tinkham, Department of Computer Science
- c. Credit Hours: 3
- d. Course Level: Junior/Senior
- e. Curricular Effect: Restricted elective for computer science majors.
May be taken multiple times by a student.
- f. Prerequisites: Vary with topic
- g. Suggested Time, Implementation, and Resources: The course will be scheduled periodically, as faculty resources permit, beginning as soon as possible.

2. Rationale

A "topics" course will allow faculty to offer occasional elective courses in their areas of expertise and research. These may be either courses on topics not covered in the regular schedule or advanced courses in subjects for which an introductory course now exists.

3. Essence of the course

a. Objectives in relation to student outcome

Students will learn about some aspect of computer science not covered in the regular course offerings. Specific objectives will vary according to topic.

b. Topics

Potential topics for this course include: advanced graphics; an advanced artificial intelligence topic such as natural language processing; software engineering.
Topic proposals will be submitted to the department chair for approval.

c. Evaluation of students

Students will be graded on the basis of homework and exams.

d. Course evaluation

The course will be evaluated as part of our department self-study every 5 years.

4. Consultants

Dr. Eleanor Gaer, Psychology Department, Rowan College of New Jersey
Prof. Benjamin Hitchner, Economics Department, Rowan College of New Jersey
Dr. John Myers, Sociology Department, Rowan College of New Jersey

Summary of consultation:

The chairs of other departments at Rowan College that have topics courses report that it has strengthened their curriculum by allowing the department to offer courses on topics not in the regular schedule.

Methods of approving topics vary from department to department. In some departments, topics are approved by the department chair; other departments prefer more formality in the approval process.

Catalogue description

Topics in Computer Science

(Prerequisites: Permission of instructor)

This course enables the faculty to offer courses in advanced topics which are not offered on a regular basis. Prerequisites will vary according to the specific topic being studied.

Suggested hegis #: 0707.404



GLASSBORO STATE COLLEGE

Glassboro, New Jersey 08028-1701

To: Nancy Tinkham, Computer Science Department

From: Eleanor Gaer, Psychology *E P G*

Re: "Topics" Courses

Date: November 12, 1992

In response to your questions, I have found that our Topics course has strengthened our curriculum. Faculty members are eager to offer classes in new or specialized areas. The procedure for approval of a topic is approval by the department chairperson. We have found that faculty members have to actively recruit students to sign up for the course and inform them of the significance of the topic, since it is not a required course. If enrollment is low, the course has to be dropped. If a topic is very popular, we recommend that the faculty member propose a new course encompassing the topic.



GLASSBORO STATE COLLEGE

Sociology Department

Glassboro, New Jersey 08028-1762 (609) 863-6076

Nov. 12, 1992

To: Nancy Tinkham
Curriculum Committee
Computer Science Department

From: John Myers, Chair
Sociology

Re: "Topics" course

Yes, our Topics course has strengthened our curriculum and in general has been a good experience. The Topics course has been used both to test new courses which eventually became courses and to offer a class which would only be taught once.

Our department procedure is approval of the department chair. I would not recommend this procedure. I believe a committee which would evaluate proposals would be more effective and avoid some of the problems we encountered.

I would be happy to discuss this with you.

/m



GLASSBORO STATE COLLEGE

Economics Department

Glassboro, New Jersey 08028-1761 (609) 863-6014

To: Nancy Tinkham, Curriculum Committee, Computer Sci.

From: Ben Hitchner, Chair

Date: November 10, 1992

Subject: "Topics" course

The consultant from our last Academic Program Review recommended that we add a Topics course to our program. Our proposal for a Topics course was soon approved, and has been offered several times with a good student registration each time. There is not any question that the Topics course has strengthened our curriculum. Economic conditions change rapidly and such a course enables the department to offer a course with contemporary references to such changes. The course has been popular with faculty, four of five economists have chosen to offer it. There is not any formal procedure for topic approval. The faculty person is free to choose any topic of interest. We feel the faculty person should be encouraged to be creative and offer new topics. Some examples of Topics that have been taught are Post Socialist Reform, The Destruction and Restoration of Gaia, and The Economics of Personal Financial Planning.