

Approval Form

Proposal Title: Change Restricted Electives

Sponsor(s) A. Michael Berman Dept.: Computer Science Ext. 6521

Check one: Course Specialization Concentration Minor Achievement Certificate
 Certification Program Major Program Minor Change Change restricted electives
(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> Date</p> <p><input type="checkbox"/> Not Approved</p> <p><u>A. Michael Berman</u> Dept. CC Chairperson</p> <p><input checked="" type="checkbox"/> Reviewed <u>2/24/93</u> Date</p> <p><u>Dean C. Smith</u> Dept. Chairperson</p>	<p>Step 2 (Receipt)</p> <p><input type="checkbox"/> SCC# <u>4255177</u></p> <p>Proposal Received _____ Date</p> <p><u>Mary J. Tubman</u> SCC Chairperson</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: Be sure that majors know that 0704.400 is required for graduation as a capstone course.</p> <p><u>J. Caldwell</u> School Curr. Comm. Chairperson</p>
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<p>Step 4 (Academic Dean)</p> <p><input type="checkbox"/> Recommend <input type="checkbox"/> Not Recommend <input type="checkbox"/> Conditionally Recommend (see comments)</p> <p>Reviewed _____ Date</p>	<p>Comments:</p> <p>_____</p> <p>Signature, Dean of School</p>
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Step 5 (SCC)

Open Hearing 10/24/93 Approved by Senate Curriculum Committee 10/19/94
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 Ronald J. Gaber
Date Signature SCC Chairperson

Step 7 (Executive V.P./Provost)

Received 11/4/94
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. Cepulak
Signature, Executive Vice-President/Provost

Registrar

Approved course description received 20 Nov 94
Date

Hegis Taxonomy and Course Number assigned N/A

B. P. Kelly 20 Nov 94
Signature, Registrar Date

Notification forwarded:

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

92-93-57

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

**Minor Curricular Change:
Change Restricted Electives for Computer Science Majors**

1. Details

a. Change Requested: Change Restricted Electives from:

18 s.h., including at least one of:

- 0704.400 Computer Science Senior Project
- 0707.300 Computer Field Experience

to:

12 s.h., including at least 2 Advanced Computer Science courses:

- 0707.360 Computer Graphics
- 0706.410 Data Communications and Networking
- 0704.422 Theory of Computing
- 0707.450 Artificial Intelligence
- 0704.401 Compiler Design*
- 0706.380 Computer Architecture*
- 070..... Topics in Computer Science[†]

*These courses currently are major requirements which are proposed to be made electives.

[†]This course is newly proposed.

The remaining 6 s.h. would be chosen from among the other courses currently listed as Restricted Electives.

b. Sponsor: A. Michael Berman, Department of Computer Science

2. Rationale

a. Statement of need for change:

As part of our Department Self-Study for 1991--92, we identified certain courses that should be major requirements. If our proposed changes are accepted, the hours for the required courses will go from 38 s.h. to 45 s.h. Three of these hours come from moving Senior Project into the list of required courses. In order to keep roughly the same balance between Major Requirements, General Education, and Free Electives, a reduction in the restricted electives is needed.

Furthermore, there was concern in the Department that it was possible for a student to completely avoid advanced computer science courses when choosing restricted electives. We believe that it is important that our students are exposed to these areas. Overall, the changes proposed expand the number of advanced courses from 5 to 8, thus giving the student a good selection.

b. Statement of Curricular Effect:

As discussed above.

3. Results of Consultation:

This proposal has been discussed and approved by the Computer Science Department.