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Approval Form

Proposal Title: 0704.400 Computer Science Senior Project

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

Check one: Course Specialization Concentration Minor Achievement Certificate

Certification Program Major Program Minor Change require course
(please note 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>2/4/93</u> Date</p> <p><u>Don C. Stone</u> Dept. Chairperson</p>	<p>Step 2 (Receipt)</p> <p><input checked="" type="checkbox"/> SCC# <u>0704.400</u></p> <p>Proposal Received _____ Date</p> <p><u>Murray J. Putman</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:</p> <p><u>J. Caldwell</u> School Curr Comm Chairperson</p>
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Step 4 (Academic Dean) **Comments:**

Recommend
 Not Recommend
 Conditionally Recommend (see comments)

Reviewed _____ Date _____

Signature, Dean of School _____

Step 5 (SCC)

Open Hearing 10/27/93 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 Donald J. Gocher
Date Signature SCC Chairperson

Step 7 (Executive V.P./Provost)

Received 11/15/94
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

Samuel L. Cephasde
Signature, Executive Vice-President/Provost

Registrar

Approved course description received 22 Nov 94
Date

Hegis Taxonomy and Course Number assigned Required Course

B. F. Kiley
Signature, Registrar

22 Nov 94
Date

Notification forwarded:

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

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

**Minor Curricular Change:
Make Senior Project a required course for Computer Science majors**

1. Details

- a. Description: Make the course Computer Science Senior Project (0704.400) a requirement for all Computer Science majors.
- b. Sponsor: A. Michael Berman, Department of Computer Science
- c. Credit Hours: 3
- d. Course Level: Senior
- e. Curricular Effect: Currently, all majors are required to take either Senior Project or Field Experience, as part of an 18 credit bank of Restricted Electives. Under this proposal, the number of major requirements would increase by 3 credits, while the number of restricted electives would be reduced by 3, since Senior Project would no longer be in the Restricted Electives bank. Field Experience would continue to be available in the Restricted Electives bank.
- f. Prerequisites: Assembly Language Programming (0704.204) and Programming Languages (0704.315).
- g. Suggested time, Implementation: Currently, Senior Project is scheduled to be offered once a year. This change will require that it be offered each semester, including at least one night section.
- h. Resources: The department has adequate trained faculty and laboratories to teach this course once per semester.

2. Rationale

Computer Science Senior Project is a capstone course designed to give the students the opportunity to apply their studies to developing a significant piece of software, and to give the students practice in presenting their work to others through written and oral presentation. All students need to have this experience, which is not necessarily provided via Field Experience. Furthermore, the capstone course should be a shared experience for all graduates.

3. Results of consultation

The members of the Department have discussed this change and approve of it.