

Faculty Senate Curriculum Committee

(1)

Approval Form

Proposal Title: Computer Science Concentration Change (2)

Sponsor(s): Carol Winkie Dept.: Math/Computer Science

Check one: Course Specialization Concentration Achievement Certificate
Delete: Intro. to Computer Science
 Certification Program Major Program Minor Change Require: Discrete Math & Structured
(please name: deletion or credit/title/catalog change) Prog.

Undergraduate Graduate Credit Hours

Step 1 (Department)

Approved 4/2/86
Date

Not Approved

[Signature]
Dept. CC Chairperson

Reviewed 4/16/86
Date

[Signature]
Chairperson, Dept.

Step 2 (Receipt)

SCC#

Proposal Received
Date

Chairperson, SCC

Step 3 (School CC)

Reviewed 11/19/86
Date

Approved
 Not Approved

Comments: letter & no hearing appearance from Alice Winkie

[Signature]
Chairperson, School Curr. Comm.

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

Reviewed 3/10/86
Date

[Signature]
Signature, Dean of School

Step 5 (SCC)

Open Hearing 4/16/86 Approved by Senate Curriculum Committee
Date Date

Returned to sponsor(s) for the following reasons:

Step 6 (Faculty Senate)

Presented to Faculty Senate : Approved Not Approved
Date

Notification to Vice-President Academic Affairs
Date Signature, SCC Chairperson

Step 7 (Vice-President for Academic Affairs)

Received 5/15/86
Date

Approved Yes No

If no, reasons are as follows:

*PROGRAM (CONCENTRATION)
CHANGES*

Student credit hours NA

Faculty load hours NA

Equalized credit hours NA

Official copy and approval sheet filed 9/16/86
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).

COMMITTEE REPORT

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PROPOSAL: Changes in the Computer Science Concentration

1. Discrete Math (1707.100) to be required for a Concentration in Computer Science.
2. Structures Programming (ASPC) (0704.103) replace Introduction to Computer Science (BASIC) (0701.102) as a requirement for a Concentration in Computer Science.
3. Statistics I (1703.200) replace Statistics for Management (1703.400) as a half-credit option for a Concentration in Computer Science.

REASONING:

1. Discrete Math is a prerequisite for Assembly Language Programming and Data Structures (two required courses for a Computer Science Concentration). The Computer Science Curriculum Committee recommends Discrete Math also become a required course. This would increase the number of credits for a concentration to 21, which is still under the maximum allowed of 24 credits.
2.
 - a. Structures Programming (ASPC) has already replaced Introduction to Computer Science (BASIC) for Computer Science majors.
 - b. Introduction to Computer Science (BASIC) has moved to the high school level for many of our students.
 - c. Structures Programming (ASPC) is a prerequisite for two required concentration courses: Assembly Language and Data Structures.
 - d. Structures Programming (ASPC) is recommended to replace Introduction to Computer Science instead of adding it to keep the number of credits needed for a Concentration in Computer Science to a minimum.
3. Statistics for Management has been deleted.

CONCLUSION:

The Committee recommends: