

PROPOSAL NUMBER: 99-725

CURRICULUM PROPOSAL FORM

DEADLINES:

REGULAR COURSE PROPOSALS: OCTOBER 23, 1998 FOR FALL, 1999 AND FEBRUARY 19, 1999 FOR SPRING, 2000
 SHORT-TERM COURSE PROPOSALS: DECEMBER 11, 1998 FOR FALL, 1999 AND MARCH 26, 1998 FOR SPRING 2000

PROPOSAL TITLE: *Chg Catalog Description & Pay. for Computer Sci. course that require data structures & algorithms*

SPONSOR/S: *A. F. Lobo*

DEPARTMENT: *Computer Sci*

CHECK ALL THAT APPLY:
 UNDERGRADUATE GRADUATE

COLLEGE: *LAS*

If LAS: History/Humanities
 Math/Sciences
 Social/Behavioral Sciences

TYPE OF PROPOSAL (Check ALL that Apply)

<input type="checkbox"/> General Education	<input type="checkbox"/> New Course (NOT Gen. Ed.)
<input type="checkbox"/> New Course in _____ Bank	<input type="checkbox"/> Name Change (Dept., School, Major)
<input type="checkbox"/> Existing course, Add To _____ Bank	<input type="checkbox"/> Changes in Degree Requirements
<input type="checkbox"/> Multicultural/Global Designation	<input type="checkbox"/> Changes Involve Gen. Ed. requirements
<input type="checkbox"/> Writing Intensive Designation	<input checked="" type="checkbox"/> Minor Changes to Existing Courses
<input type="checkbox"/> New Minor/Concentration/Specialization	<input checked="" type="checkbox"/> Course is NOT General Education
<input type="checkbox"/> New Major/Degree Program	<input type="checkbox"/> Course IS General Education
<input type="checkbox"/> Short Term Course Proposal	

DEPARTMENT
 (SIGNATURE INDICATES APPROVAL) *[Signature]*

 DEPT. CURRICULUM CHAIR / DATE DEPT. CHAIRPERSON / DATE

COLLEGE CURRICULUM COMMITTEE
 DATE OF OPEN HEARING (if necessary) _____

APPROVED
 NOT APPROVED

COMMENTS:
[Signature] *3-3-99*

SIGNATURE DATE

ACADEMIC DEAN (& GRADUATE DEAN, for New Graduate Programs Only)

APPROVED
 NOT APPROVED

COMMENTS:
[Signature] *3-3-99*

SIGNATURE (Academic Dean) DATE
 SIGNATURE (Graduate Dean) DATE

UNIVERSITY CURRICULUM COMMITTEE

11/24/98 (College level only)

APPROVED

NOT APPROVED

COMMENTS:

Resolute Review 3/4/99
SIGNATURE DATE

SENATE

Date announced at Senate 1-2/8/98

Voted upon at Senate: Approved Not Approved Date:

EXECUTIVE VICE PRESIDENT/PROVOST

APPROVED

NOT APPROVED If no, reasons are as follows:

STUDENT CREDIT HOURS _____ FACULTY LOAD HOURS _____ EQUALIZED CREDIT HOURS _____

OFFICIAL COPY & APPROVAL SHEET FILED (DATE): _____

DATE/SIGNATURE EXECUTIVE VICE PRESIDENT/PROVOST

C. M. ...

REGISTRAR

DATE APPROVED COURSE DESCRIPTION RECEIVED _____

HEGIS TAXONOMY & COURSE NUMBER ASSIGNED _____

DATE/SIGNATURE OF REGISTRAR Robert G. Kulot 3/24/99

NOTIFICATION FORWARD:

SENATE CURRICULUM COMMITTEE CHAIRPERSON

DEPARTMENT CHAIRPERSONS

ACADEMIC DEAN(S)

REGISTRAR

SPONSOR(S)

T.M. 3/31/99

DEPARTMENT

(SIGNATURE INDICATES APPROVAL)

Nancy [Signature] 10-23-98 *Don C. Stone* 10/23/95

DEPT. CURRICULUM CHAIR / DATE DEPT. CHAIRPERSON / DATE

COLLEGE CURRICULUM COMMITTEE

DATE OF OPEN HEARING (if necessary) _____

----- APPROVED

----- NOT APPROVED

Comments:

SIGNATURE DATE

ACADEMIC DEAN (& GRADUATE DEAN, for New Graduate Programs Only)

----- APPROVED

----- NOT APPROVED

Comments:

SIGNATURE (Academic Dean) DATE

SIGNATURE (Graduate Dean) DATE

Minor Curricular Change
Change Catalog Description and Prerequisites for Computer Science courses that require
(0704.222) Data Structures and Algorithms

1. Details

a. Change Requested

The following Computer Science courses require (0704.222) Data Structures and Algorithms:

- i. 0704.315 Programming Languages -
- ii. 0704.325 Programming in Ada -
- iii. 0704.380 Object Oriented Design ✓
- iv. 0704.390 Operating Systems -
- v. 0707.321 Principles of Software Engineering ✓
- vi. 0707.340 Design and Analysis of Algorithms ✓
- vii. 0707.422 Theory of Computing -
- viii. 0707.450 Artificial Intelligence. -

We request that the prerequisite and catalog description portions regarding (0704.222) Data Structures and Algorithms, *for all the courses listed above*, be changed from:

"0704.222" **(old)**

to

"Must attain a C- or better in 0704.222" **(new).**

b. **Sponsor:** Andrea Lobo, Computer Science Department

2. Rationale

a. Statement of need for the change

The (0704.222) Data Structures and Algorithms course is central to the Computer Science curriculum. Obtaining a C- or better in Data Structures and Algorithms is currently required by Computer Science Department for graduation. The intention of this existing requirement is that students master the contents of this important course before going on to more advanced courses. This minor curriculum change proposal clarifies this intention.

b. Statement of curricular effect

These courses will continue to be required or elective courses for the major and minor in Computer Science.

3. Results of consultation

Consultation has been internal to the Department.