

## APPENDIX D

### SPECIAL QUESTIONNAIRE ON COMPUTER SCIENCE

#### SPECIAL COMPUTER SCIENCE QUESTIONNAIRE

This part of the questionnaire is designed for those departments which offer undergraduate programs (not necessarily degree programs) in computer science. It is limited to courses in computer science and the faculty which teach them. It is intended to give more detailed information about computer science itself than that recorded in the general survey. Summary information on your faculty has been included in the main questionnaire. All questions refer to Fall 1985 data. For computer science departments, per se, a few of the questions may be duplicates.

For  
Coding  
Only

1. A. Which of the following subject areas best describes the Computer Science bachelor's degree(s), if any, offered by your department (check as many as apply):

<input type="checkbox"/> No bachelor's degree in computer science	<input type="checkbox"/> Business	25-26
<input type="checkbox"/> Science (Liberal Arts and Science)	<input type="checkbox"/> Education	27-28
<input type="checkbox"/> Engineering	<input type="checkbox"/> Other	29-30

- B. Which, if any, departments or units (other than your own) on your campus teach undergraduate computer science courses (check as many as apply):

<input type="checkbox"/> Mathematics	<input type="checkbox"/> Library	31-32
<input type="checkbox"/> Engineering	<input type="checkbox"/> Humanities	33-34
<input type="checkbox"/> Business	<input type="checkbox"/> Education	35-36
<input type="checkbox"/> Other Natural Science	<input type="checkbox"/> Computer Center	37-38
<input type="checkbox"/> Social Science		39

2. A. Percentage of students enrolled in departmental Computer Science courses with programming projects using:

	Micros	Minis/Mainframes	Total	
In lower level courses in 3C of main questionnaire			100%	40-45
In middle or upper level courses in 3C of main questionnaire			100%	46-51

- B. Percentage of work stations used in departmental Computer Sciences courses controlled by:

	Department	Non-Department	Total	
Micros			100%	52-57
Minis/Mainframes			100%	58-63

- C. Consider the number of students taking departmental computer science courses and using the computer in Fall 1985. Check the average number of student enrollments per work station.

0-5  ; 6-10  ; 11-15;  ; 16-20  ; 21 or more  .

3. A. Of the non-computer science courses listed in 3A of the main questionnaire, encircle (by code numbers in 3A) those required for computer science majors.

15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34  
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54

- B. What is the total number of mathematics (and statistics) semester or quarter courses (at the calculus level and above) normally taken by computer science majors?

\_\_\_\_\_

Please see reverse side.

4. A. Full-time Computer Science faculty. Report the number of full-time computer science faculty in your department in the table below, by the highest degree and subject field in which it was earned (if the number is zero, check here ):  
(The numbers should total to your full-time computer science faculty.)

Highest degree \ Field	CS	Stat	Math	Educ	Engin	Other
Doctor's degree						
Master's degree						
Bachelor's degree						

49  
50-61  
62-73  
3  
6-17

B. Part-time Computer Science faculty, other than your teaching assistants. Report the number of faculty teaching Computer Science part-time in your department in the table below, by highest degree and subject field in which it was earned: (If the number is zero, check here .)

Highest degree \ Field	CS	Stat	Math	Educ	Engin	Other
Doctor's degree						
Master's degree						
Bachelor's degree						

18  
19-24  
25-30  
31-36

- C. Of the part-time computer science faculty reported in 4B above, how many were
- (a) Employed full-time by your university or college
  - (b) Employed full-time by some other university or college
  - (c) Employed full-time by a high school
  - (d) Employed full-time but not in education
  - (e) Not employed full-time anywhere

37-38  
39-40  
41-42  
43-44  
45-46

D. How many of the full-time and part-time departmental faculty reported in 4A and 4B teach:

	Full-time	Part-time
(a) basically only lower level courses?		
(b) only specialty courses?		

47-52  
53-58

E. Of the faculty reported in 4A and 4B above, how many have joint appointments in Computer Science and:

- Mathematics
- Engineering
- Business
- Library Science
- Other Natural Sciences
- Social Sciences
- Humanities
- Research Institutes
- Other

59-60  
61-62  
63-64  
65-66  
67

Information supplied by: \_\_\_\_\_ Title & Dept.: \_\_\_\_\_  
Institution & Campus: \_\_\_\_\_ Phone: \_\_\_\_\_  
Date: \_\_\_\_\_

Please return completed questionnaire by 27 November 1985 to:

Conference Board of the Mathematical Sciences  
1529 Eighteenth Street, N.W.  
Washington, D.C. 20036