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Fourth Annual Business School Computing Survey - Questionnaire

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**FOURTH ANNUAL
BUSINESS SCHOOL COMPUTING SURVEY
1987**

We appreciate your willingness to participate in this *Fourth Annual Business School Computing Survey*. Please complete as many of the questions as you can. If you do not know the exact answer to a particular question, an approximation is better than no answer at all. In questions that ask about specific courses or numbers of FTEs (full time equivalents), you may have some doubt as to how to answer in your particular situation. In these cases, use the AACSB accreditation guidelines to frame your answer. In advance, thank you for your help.

Your name: _____ Institution: _____

Your title: _____

Telephone: (_____) _____

Today's date: _____ Public _____ Private (check one)

SCHOOL DATA

1. Students

Number of students in each of the business school programs	Full-time students	Part-time students	
	Total FTE	Total number of individuals	Total FTE
Undergraduate program			
M.B.A. program (and other masters programs)			
Ph.D. program			
Non-degree executive programs			
Other non-degree programs			

2. Faculty

Number of full-time faculty	Number of part-time faculty	
Total FTE	Total number of individuals	Total FTE

3. What is the type of academic term of your school? (check one)

_____ Quarter system _____ Semester system _____ Other; please specify _____

4. On average, how many courses does each full-time faculty member teach each year?

_____ Undergraduate courses, totalling _____ units per year

_____ Graduate courses, totalling _____ units per year

BUDGET

5. The total annual budget for the business school for 1986-87 from all sources is \$_____.

6. The total annual *computing* operating budget for the business school for 1986-87 from all sources (excluding major capital acquisitions) is \$_____.

7. The total value of all computer equipment currently installed in the business school is (use market prices) \$_____.

8. Are students charged a fee for computer usage?

_____ No _____ Yes

If yes, how much (choose one)? \$_____ per year \$_____ per course

9. *Source of funds for computing for 1986-87.*

Percentage of funds obtained from each of the following sources	Hardware and software acquisitions	Computer operations and maintenance
Business school and/or university funds		
State and/or other government funding		
Vendor supplied		
Private endowment and/or contributions		
Student fees		
Total	100%	100%

COMPUTING SUPPORT

10. Does your business school have its own computing support staff (i.e., autonomous from the campus facilities)?

_____ No (If no, skip the next two questions and go to Question 13.)

_____ Yes

_____ In process of development

11. *Staffing for business school computing*

Number of personnel described below	Full-time staff	Part-time staff	
	Total FTE	Total number of individuals	Total FTE
Technical support and operations (including programming)			
User support (e.g., student assistants, consultants)			
Managerial (including administrative)			
Total			

12. *Services provided by the business school computing staff*

Services provided	Check all that apply
Coursework development support for faculty	
Programming and statistical support for faculty	
Programming and statistical support for students	
Workshops and training sessions	
Assistance in selection and acquisition of microcomputer hardware	
Assistance in selection and acquisition of microcomputer software	
Installation and operational support of microcomputers	
Support of business school administrative computing	
Other; please specify _____	

COMPUTER EQUIPMENT

For the computer hardware and software you identify in the tables below (i.e., Questions 13, 18, 20, 21, 23, and 27), please indicate how *you feel* about this equipment; i.e., Does it meet your expectations? Is it well supported by the vendor? Would you recommend it to others? Overall, how strong is your endorsement of it, with 1 being lowest and 5 being highest? (This question is optional if you are uncomfortable about rating your suppliers.)

13. *Mainframe and minicomputers.* List all computers that are available to your school. (Do not include microcomputers; they will be covered in Questions 18-22.)

Computer make, model, and year the current model was installed	Check one		Check one		Estimate the mix of applications (the three percentages should total to 100%)			Strength of endorsement 1 (low) to 5 (high)
	University wide access	Business school only	Re-charge	No charge	Instruc- tion	Re- search	Admin- istration	

14. Are the computers listed above networked to other mainframes or minicomputers?

_____ No

_____ Yes. If yes, please describe how (e.g., topology, protocols)

15. When did the business school first begin using mainframes or minicomputers (indicate the year)? _____

16. Do you have plans for acquiring a new or additional mainframe or minicomputer by the Fall of 1987?

_____ No

_____ Yes. If yes, please indicate the approximate amount to be spent and the anticipated make and model.

17. *Terminals.* Indicate the total number of terminals located within the business school, as well as terminals owned by the business school but located elsewhere. (Do not include microcomputers with telecommunications capability in this answer; they will be covered in Questions 18-22.)

Number of Terminals			
Publically available	Faculty use only	Administrative use only	Total

18. *Desktop microcomputers.* Indicate the total number of *desktop* microcomputers owned by the business school, as well as microcomputers owned by the business school but located elsewhere. (Do not include portable or laptop microcomputers in this answer; they will be covered in Question 20.)

Desktop microcomputers	Publically available	Faculty use only	Administrative use only	Total number	Strength of endorsement 1 (low) to 5 (high)
Apple Macintosh					
Apple II series					
DEC MicroVAX					
DEC Rainbow					
HP Vectra					
HP, other models					
IBM PC, PC/XT					
IBM PC/AT					
PC compatibles					
Tandy					
Unisys					
Zenith					
Other; please specify _____					

19. When did the business school acquire its first microcomputer (indicate the year)? _____

20. *Portables and laptop microcomputers.* Indicate the total number of *portable and/or laptop* microcomputers owned by the business school. (Do *not* include microcomputers owned by faculty or students.)

Portable microcomputers	Publically available	Faculty use only	Total number	Strength of endorsement 1 (low) to 5 (high)
Compaq				
HP				
IBM				
NEC				
Tandy				
Toshiba				
Zenith				
Other; please specify _____				

21. *Operating systems.* Indicate the microcomputer operating system(s) currently being used in the business school.

Operating systems	Check all that apply	Strength of endorsement 1 (low) to 5 (high)
Apple		
CP/M		
MS/DOS, PC/DOS		
Unix		
Xenix		
Other; please specify _____		

22. *Communications with microcomputers.* List the number of microcomputers in each of the categories shown below.

No telecommunications capability	Links to a host computer; hardwired or dial-up	Links to a host and to other micros (e.g., Ethernet)	Total number of microcomputers*

* This number should equal the totals of all the microcomputers listed in Questions 18 and 20.

23. Local Area Networks

Local Area Networks	Check all that apply	Strength of endorsement 1 (low) to 5 (high)
None		
Appletalk		
Corvus		
DECNet		
Ethernet		
IBM PC Network		
IBM SNA		
IBM Token Ring		
Nestar		
Novell		
Port selector, PABX		
Starlan		
Ungermann Bass		
Unisys		
Wangnet		
"Home grown"; please describe _____		
Other; please describe _____		

24. What communications software or protocols are used with the LAN(s) checked above?

25. Are the faculty connected to each other electronically?

_____ No

_____ Yes. If yes, please indicate the percentage connected and the extent of use. _____

26. Network applications. Check all that apply.

Applications	Communications with a host	Communications among microcomputers
Calendaring		
Database access		
Disk backup and restore		
Document transfer		
Electronic conferencing		
Electronic mail		
File server		
Print server		
Software distribution		
Other; please specify _____		

27. Wide Area Networks

Wide Area Networks	Check all that apply	Strength of endorsement 1 (low) to 5 (high)
None		
ARPANET		
BITNET		
CompuServe		
CSNET		
EDUNET		
MCI Mail		
The Source		
UUCP (UNIX)		
Other; Please specify		

28. Do you have users who access off-campus computing services, either for data or computational needs (e.g., Dow Jones, DRI, STSC)?

_____ No

_____ Yes. If yes, please indicate how many and to what extent. _____

29. Are your students required to purchase their own microcomputer?

_____ No

_____ No, but it is recommended. Make(s) of microcomputers being recommended, (if any) _____

_____ No, but it is being planned for next year; please describe _____

_____ Yes, for some students. (e.g., information systems majors, executive M.B.A.s); please describe _____

_____ Yes, for all students. Make(s) of microcomputers being required _____

30. Do faculty have their own microcomputers?

_____ No

_____ Yes, some do. Please indicate the percentage _____%

_____ Yes, virtually all do.

If yes, how were they acquired?

_____ Faculty purchase (at market prices)

_____ Faculty purchase (at a discount, through the business school)

_____ Provided by the business school.

If school-owned, are faculty allowed to take their microcomputers off-campus?

_____ No

_____ Yes

COMPUTER SOFTWARE

31. *Principal software packages or languages used in the business school.* Write the *name* of the package or language in each of the categories shown below.

Software category	On mainframe or minicomputer		On microcomputers	
	Instruction	Research	Instruction	Research
Word processing and/or desktop publishing				
Database management systems (e.g., dBase, Focus, Ingress, 4GLs)				
Statistical packages (e.g., SAS, SPSS)				
Modeling and optimization (e.g., IFPS, LINDO)				
Simulation (e.g., GPSS, Simscript)				
Business games (e.g., Markstrat, Empire)				
Programming languages (e.g., BASIC, COBOL)				
Spreadsheet packages (e.g., 1-2-3, Visicalc)				
Integrated packages (e.g., Framework, Symphony)				
Office systems and/or electronic mail (e.g., PROFS)				
Graphics				
AI, expert systems				
Administrative computing				
Other; please specify _____				

32. *Training for business school users in the use of computer software.* (Check all that apply and indicate with an asterisk the most prevalent type of training.)

Type of Training	Students	Faculty	Staff
None			
As part of classroom instruction			
University-provided workshops			
University-provided individual training			
Business school workshops (prior to the beginning of classes)			
Business school workshops (during the academic year)			
Business school individual training			
Handouts, workbooks, and other documentation			
CAI, video training			
Other; please specify _____			

INSTRUCTION

33. Is there a computer or information systems course required in the business? Check as appropriate.

	Undergraduate	Graduate
No or not applicable		
Yes		

34. Is the learning of a computer language (e.g., BASIC, COBOL) required in the business school?

	Undergraduate	Graduate
No or not applicable		
Yes; please specify the language		

35. Is *hands-on* use of computing required in the *undergraduate* core courses in the business school?

Introductory or core courses	Classes using computer (check one)			Source of the courseware				Indicate the name of the software used (if known)
	None (or N/A)	Some sections	All sections	Developed internally	Acquired with the textbook	Acquired from commercial sources	Acquired from other universities	
Accounting								
Business Policy								
Economics								
Finance								
Information Systems								
Organizational Behavior/Theory								
Management Science/Operations Research								
Marketing								
Production/Operations Management								
Statistics								

36. Is *hands-on* use of computing required in the *graduate* core courses in the business school?

Introductory or core courses	Classes using computer (check one)			Source of the courseware				Indicate the name of the software used (if known)
	None (or N/A)	Some sections	All sections	Developed internally	Acquired with the textbook	Acquired from commercial sources	Acquired from other universities	
Accounting								
Business Policy								
Economics								
Finance								
Information Systems								
Organizational Behavior/Theory								
Management Science/Operations Research								
Marketing								
Production/Operations Management								
Statistics								

37. Are classrooms in the business school equipped to display interactive computer output (either terminals or microcomputers) to students?

_____ No. If no, skip to Question 41.

_____ Yes

38. What type of technology is used for these displays? Indicate the brand name of the equipment used.

Video projectors	Video monitors	LCD devices used with overhead projectors (e.g., Datashow)	Other; please describe

39. What percentage of classrooms in the business school are permanently equipped with these computer displays?

_____ %

40. Do you have mobile units (i.e., computers and/or display devices) that can be wheeled from classroom to classroom?

_____ No

_____ Yes. How many? _____

RESEARCH

41. *Databases available for use in the business school for research.* Check all that apply and indicate with an asterisk the most widely used database.

Database	
Citibase	
Compustat	
CRSP	
Dow Jones	
DRI	
GNMA	
IMF	
PIM	
Value Line	
"Home grown"; please describe _____	
Other; please specify _____	

ADMINISTRATION

42. *Business school administrative activities that are being supported by the business school computers.* Check all that apply.

Activity	
None	
Admissions	
Alumni and development	
Budget preparation	
Class scheduling	
Contracts and grants administration	
Direct faculty support	
Faculty course assignment	
Faculty records	
Publications	
Registration and enrollment	
Student records	
Word processing	
Other; please specify _____	

Please return by June 1, 1987 to
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THANK YOU VERY MUCH FOR YOUR ASSISTANCE.