



## Faculty Survey on Instructional Technology 2001: Business School Frequencies

### About You

<b>Survey Mode:</b>	N	%
Online	30	33.3
Paper	60	66.7

<b>2. Rank:</b>	N	%
1) Full Professor	19	21.3
2) Associate Professor	8	9.0
3) Assistant Professor	7	7.9
4) Instructor	4	4.5
5) Lecturer	38	42.7
6) Teaching Assistant	10	11.2
7) Other (specify):	3	3.4
TOTAL	89	

<b>3. Are you tenured?</b>	N	%
No	62	71.3
Yes	25	28.7

<b>4. Current appointment:</b>	N	%
a. 1) Part-time	28	34.6
2) Full-time	53	65.4
TOTAL	81	
b. 1) Regular	11	57.9
2) Adjunct	4	21.1
3) Temporary	4	21.1
TOTAL	19	

**5. Do you serve in an administrative capacity?**

	N	%
1) No	74	93.7
2) Yes, Dean	0	0.0
Yes, Chair/Chief	1	1.3
Yes, Director	4	5.1
Yes, Other	0	0.0
TOTAL	79	

**6. Highest degree**

	N	%
BS/BA	7	8.4
MS/MS	20	24.1
JD	8	9.6
PhD/EdD	46	55.4
Other	2	2.4
TOTAL	83	

**Year received highest degree**

	N	%
thru 1969	7	13.2
1970s	10	18.9
1980s	14	26.4
1990-94	12	22.6
1995+	10	18.9
TOTAL	53	

7. For how many courses and students are you the primary instructor this academic year (autumn through spring qtr.)?

Mean Number of ...	Lower Division		Upper Division		Graduate		ALL LEVELS	
	Courses	Students	Courses	Students	Courses	Students	Courses	Students
Classroom lectures	1.8	110	3.1	107	1.7	58	3.3	126
Discussion seminars	1.3	63	-	-	2.3	46	1.9	51
Other (e.g., lab, practicum):	0.5	72	1.5	21	1.5	27	1.4	47

### Your Use of Technology

8. How would you rate your expertise as a computer user?

0	1	2	3	4	N
Don't use	Novice	Intermediate	Advanced	Expert	
0.0	6.7	56.7	31.1	5.6	90

9. Which of the following methods for learning about computers do you prefer most? (Check all that apply.) Please also rank your top THREE preferences by writing the corresponding letter in the appropriate space below.

	%		
a) I don't wish to learn more about computers.	2.2	1 <sup>st</sup> most preferred:	<u>EXPLORING</u> 27%
b) Workshops	46.7		<u>WORKSHOPS</u> 21%
c) On-line computer classes	27.8	2 <sup>nd</sup> most preferred:	<u>COLLEAGUES</u> 23%
d) Books, journals, tutorials	38.9		<u>LOCAL SUP.</u> 17%
e) Exploring, experimenting	57.8	3 <sup>rd</sup> most preferred:	<u>COLLEAGUES</u> 21%
f) Help from colleagues, friends, family	64.4		<u>WORKSHOPS</u> 16%
g) Telephone consultants	27.8		
h) Local technical support	47.8		
i) Conferences in your discipline	11.1		
j) Other (specify): _____	8.1		

10. About how often do you use computers at the following places to do your work for the UW?

	Never	Once a year	Several times a year	Once a month	Several times a month	1-2 times a week	Every day	N
a) Campus office	10.6	0.0	1.2	1.2	3.5	11.8	71.8	85
b) Classroom	36.6	6.1	15.9	8.5	1.2	17.1	14.6	82
c) Home	0.0	0.0	3.4	0.0	8.0	15.9	72.7	88
d) While traveling	29.3	8.0	28.0	10.7	1.3	9.3	13.3	75
e) Other (specify): _____	21.4	7.1	14.3	0.0	14.3	14.3	28.6	14

11. What computer technology (if any) do you use at the UW? (Check all that apply.) For each item, indicate the number of years since it was replaced / up-graded.

	I use	Since Replacement / Upgrade			N
		1 year	2 years	3+ years	
a) Personal Computer (PC, IBM-compatible)	77.8	61.3	24.2	14.5	70
b) Macintosh (MAC)	14.4	45.5	45.5	9.1	13
c) Unix Workstation	7.8	33.3	33.3	33.3	7
d) Printer	77.8	42.6	16.7	40.7	70
e) Scanner	24.4	31.3	31.3	37.5	22
f) Drives, diskettes, etc. for file back-up	55.6	60.0	31.4	8.6	50
g) Digital camera	11.1	87.5	12.5	0.0	10
h) Other (specify): _____	1.1	0.0	0.0	0.0	1

12. What kind of Internet connection do you use ... (Percent checked in each column.)

	at the UW?	at home?	while traveling?	N
a) None	2.2	3.3	13.3	90
b) I don't know what kind of connection I use.	6.7	2.2	3.3	90
c) Campus network	82.2	5.6	3.3	90
d) Regular modem	1.1	62.2	35.6	90
e) Cable modem	2.2	14.4	1.1	90
f) Digital Subscriber Line (DSL) modem	2.2	11.1	3.3	90
g) Wireless	0.0	2.2	2.2	90
h) Other (specify): _____	0.0	0.0	0.0	90

13. How satisfied are you with your Internet connection at home?

	Very Dissatisfied	Somewhat Dissatisfied	Somewhat Satisfied	Very Satisfied	Not Applicable/ Don't know	N
a) speed	14.6	20.2	34.8	27.0	3.4	89
b) reliability	3.4	19.3	37.5	35.2	4.5	88

14. Do you ...

	No	Yes	N
a) have exclusive use of a computer at the UW?	32.2	67.8	90
b) communicate with email at work?	11.1	88.9	90
c) communicate with email at home?	5.6	94.4	90
d) have a non-UW email account?	31.5	68.5	89
e) transfer files between work and home?	15.7	84.3	89

If yes, which method do you use most often? (N=81)

1) 3.5" floppy:	42.0%	4) Other high capacity disk	1.2%	7) FTP (Fetch, WS-FTP)	25.9%
2) ZIP disk:	4.9	5) CD burner	0.0	8) Other (specify):	0.0
3) Jazz disk	2.5	6) Email attachment	23.5		

15. How often do you use the following to support your instruction at the UW?

	Never	Once a year	Several times a year	Once a month	Several times a month	1-2 times a week	Every day
a) Word processing	2.2	0.0	4.4	0.0	4.4	16.7	72.2
b) Spreadsheet (e.g., Excel)	9.2	2.3	6.9	6.9	10.3	37.9	26.4
c) Presentation (e.g., PowerPoint)	22.2	3.3	12.2	10.0	8.9	18.9	24.4
d) Email (e.g., Pine, Outlook, Eudora)	4.5	0.0	1.1	1.1	2.3	11.4	79.5
e) Calendar/scheduling	60.0	2.4	2.4	1.2	4.7	8.2	21.2
f) Internet/Web access (e.g, Navigator)	2.2	0.0	4.4	1.1	10.0	16.7	65.6
g) Web (HTML) editors (e.g., Frontpage)	40.5	6.0	15.5	4.8	9.5	16.7	7.1
h) Catalyst web-based tools	71.4	8.3	7.1	3.6	4.8	3.6	1.2
i) Courseware (e.g., WebCT, Blackboard)	79.5	6.8	3.4	2.3	0.0	4.5	3.4
j) Publishing (e.g., Acrobat, PageMaker)	59.1	5.7	10.2	6.8	9.1	8.0	1.1
k) Graphics (e.g., Photoshop)	68.2	7.1	5.9	7.1	5.9	4.7	1.2
l) Multimedia authoring software	91.8	4.7	2.4	1.2	0.0	0.0	0.0
m) Database (e.g., ACCESS, FileMaker)	67.8	8.0	9.2	3.4	6.9	4.6	0.0
n) Video editing software	91.9	3.5	4.7	0.0	0.0	0.0	0.0
o) Statistical analysis software	50.0	5.8	9.3	8.1	7.0	14.0	5.8
p) Software to record/manage grades	36.1	3.6	6.0	7.2	14.5	25.3	7.2
q) Modeling or simulations	90.7	3.5	1.2	1.2	1.2	1.2	1.2
r) Overhead transparencies	15.7	0.0	7.9	11.2	14.6	31.5	19.1
s) Slides, filmstrips and/or movies	72.4	3.4	4.6	5.7	6.9	5.7	1.1
t) Video and/or audio tape	43.8	5.6	13.5	12.4	14.6	6.7	3.4
u) Digital video and/or audio	83.5	7.1	2.4	1.2	5.9	0.0	0.0
v) Computer-projected presentations	52.9	3.4	11.5	4.6	6.9	17.2	3.4
w) Video conferencing	94.3	3.4	2.3	0.0	0.0	0.0	0.0
x) 3-D modeling	98.9	1.1	0.0	0.0	0.0	0.0	0.0
y) Computer-generated animat/graphics	96.6	1.1	1.1	0.0	1.1	0.0	0.0
z) Other (specify):	94.7	0.0	0.0	0.0	5.3	0.0	0.0

16. Have you used any of the following Catalyst tools?

	Yes	No	Don't know	N
a) Peer Review (collaboration tool)	1.1	96.6	2.2	89
b) WebQ (survey/quiz generator)	6.7	91.0	2.2	89
c) Epost (discussion board)	3.4	94.4	2.2	89
d) Umail (feedback form)	3.4	93.3	3.4	89
e) E-submit (assignment turn-in)	2.2	95.5	2.2	89
f) Web Templates (course webpage)	18.0	78.7	3.4	89
* <u>Any</u> Catalyst tool (derived from items a-f)	23.3	76.7	--	90

17. Which of the following issues concern you when using information technology to do your work for the University? (Check all that apply.) Please also rank your top THREE concerns by writing the corresponding letter in the appropriate space below.

	A concern of (%)		A concern of (%)
a) I don't have time.	51.1	l) There is no incentive (e.g., leave time, contribution toward tenure, financial).	34.4
b) I don't have the necessary skills.	45.6	m) I'm not convinced it would improve student learning.	32.2
c) I don't know how to get access.	26.7	n) Students may not be proficient.	12.2
d) I need upgraded hardware.	20.0	o) It's too much trouble.	31.1
e) I don't have adequate development tools.	17.8	p) It costs too much.	2.2
f) The applications and media I want to use don't run on machines in the classrooms.	22.2	q) Other (specify):	8.9
g) I don't have technical support in my department.	25.6	1 <sup>st</sup> highest concern: <u>TIME</u>	27%
h) I don't have on-site (e.g., classroom, lab) support.	26.7	<u>SKILLS</u>	13%
i) I don't have pedagogical support.	11.1	2 <sup>nd</sup> highest concern: <u>TIME</u>	19%
j) I'm not sure how to legally use copyrighted materials.	3.3	<u>SKILLS</u>	13%
k) I'm concerned about losing my own intellectual property rights.	10.0	3 <sup>rd</sup> highest concern: <u>TOO MUCH TROUBLE</u>	15%
		<u>SKILLS</u>	12%
		<u>STUDENT LRNG.</u>	12%

18. If you could easily obtain support and service, to what extent would you like to use the web for the following?

	Not at All	Somewhat	Very Much	Already Use	Don't Know
a) Mount course materials	5.8	14.0	32.6	45.3	2.3
b) Facilitate class discussions	18.6	33.7	27.9	16.3	3.5
c) Post student work	36.9	22.6	22.6	11.9	6.0
d) Access on-line course reserves	20.7	23.2	26.8	17.1	12.2
e) Gather information via on-line quizzes or surveys	34.5	17.9	34.5	9.5	3.6
f) Manage course grades	47.0	12.0	32.5	4.8	3.6
g) Submit final course grades	18.4	18.4	58.6	3.4	1.1
h) Access on-line materials archives	13.1	22.6	41.7	15.5	7.1
i) Conduct simulations or visualizations	42.7	17.1	23.2	3.7	13.4
j) Conduct research	21.7	12.0	27.7	28.9	9.6
k) Use Geographical Information System (GIS) or other spatial display of information	63.0	6.2	9.9	1.2	19.8
l) Present work to other people at the UW	32.9	36.6	15.9	4.9	9.8
m) Present work to other people around the world	33.3	35.7	16.7	6.0	8.3
n) Facilitate collaboration with people at the UW	25.3	30.1	27.7	9.6	7.2
o) Facilitate collaboration with people around the world	26.8	30.5	26.8	7.3	8.5
p) Perform compositions, dances, or other music/art activities	92.7	0.0	1.2	0.0	6.1
q) Other (specify):	55.6	0.0	22.2	0.0	22.2

19. If you could easily obtain support and service, to what extent would you like to use the following resources for your work?

	Not at All	Somewhat	Very Much	Already Use	Don't Know
a) An email list of students in your class	2.2	4.5	41.6	50.6	1.1
b) Audio/video clips, animation, or slides	27.4	20.2	29.8	16.7	6.0
c) Videoconferencing	48.2	25.9	11.8	2.4	11.8
d) Streaming video	38.8	14.1	22.4	7.1	17.6
e) Computer simulations	39.3	27.4	14.3	6.0	13.1
f) Multimedia presentations as class assignments	23.3	31.4	23.3	12.8	9.3
g) Textual analysis programs (e.g., Atlas)	51.8	9.6	4.8	0.0	33.7
h) Other (specify):	85.7	0.0	0.0	0.0	14.3

20. Where do you currently go for technical support for your instruction?

Resource	N	%
Nowhere	7	7.8
Colleague/Faculty/Friend	8	8.9
Department/Office	22	24.4
UW resource/Catalyst	9	10.0
Web resource	0	0.0
Other	6	6.7
No Answer (missing)	38	42.2

21. What 3 things could the University do to improve the information technology products and services it provides to you?

Service	N	%
Improve access	5	12.2
Improve support	19	46.3
Workshops/courses	15	36.6
Improve classroom capabilities	10	24.4

22. What technical skills should students have to participate in University courses?

Skill	N	%
Use email	9	25.7
Use word processing software	19	54.3
Have Web access	12	34.3
Use database or spreadsheet software	15	42.9

23. What technical skills should students have when they graduate from the UW?

Skill	N	%
Use email	9	26.5
Use word processing software	5	14.7
Have Web access	11	32.4
Use database or spreadsheet software	17	50.0

24. What resources need to be in place for students to learn required technical skills while they are at the UW?

Resource	N	%
Computer access or loans	3	9.4
Computer labs with assistance	9	28.1
Instruction/workshops	7	21.9
Programs define/require skills courses	4	12.5

## Your Experience with Technical Facilities in UW Classrooms

25. What type(s) of technology do you prefer to have available in the classroom? (Check all that apply.) Please also rank your top THREE choices by writing the corresponding letter in the appropriate space below.

	Preferred by (%)		Preferred by (%)
a) None	3.3	l) Laptop hook-up on podium	55.6
b) Overhead projector (for transparencies)	81.1	m) Multi-media (computer) projector	51.1
c) Television	41.1	n) Other (specify):	3.3
d) VCR	56.7		
e) Video disc player	7.8	1st most preferred:	<u>OVERHEADS</u> 50%
f) DVD	12.2		<u>COMPUTER</u> 22%
g) Film projector	6.7	2nd most preferred:	<u>MULTI-MEDIA</u> 23%
h) Slide projector	4.4		<u>COMPUTER</u> 18%
i) Audio tape player	12.2	3rd most preferred:	<u>VCR</u> 22%
j) CD player	11.1		<u>LAPTOP HOOKUP</u> 22%
k) Permanent computer at podium	52.2		

26. What technical facilities that you want are missing from the classrooms you use?

Resource	N	%
Computer access	14	45.2
Multimedia	12	38.7
Personal help	0	0.0

27. UW currently maintains ten general-access multi-media classrooms (permanent computer at podium with projection capabilities), and two collaboratories (computer at each student seat). Have you used these classrooms?

	Have you used these classrooms?		If you <u>haven't used</u> them, would you like to?		If you <u>have used</u> them, did you have technical problems? (describe)	
	Yes	% Yes	No	Yes	No	Yes
a) multi-media classrooms	21	26.6	9 (47.4)	10 (52.6)	10 (62.5)	6 (37.5)
b) collaboratories	18	32.7	12 (52.2)	11 (47.8)	5 (29.4)	12 (70.6)

28. What size classrooms function well as multimedia classrooms? (Percent checking each option)

Small (<30):46.7%      Intermediate (30-80): 57.8%      Large (80-200): 21.1%      Very large (200+): 15.6%