UNIVERSITY OF WASHINGTON

Faculty Survey on Instructional Technology 2001: College of Education Frequencies

About You

Survey Mode:

	N	%
Online	24	32.9
Paper	49	67.1

2. Rank:

		N	%
1)	Full Professor	18	25.0
2)	Associate Professor	5	6.9
3)	Assistant Professor	20	27.8
4)	Instructor	5	6.9
5)	Lecturer	8	11.1
6)	Teaching Assistant	9	12.5
7)	Other (specify):	7	9.7
	TOTAL	72	

3. Are you tenured?

	N	%
No	51	69.9
Yes	22	30.1

4. Current appointment:

			N	%
a.	1)	Part-time	18	27.7
	2)	Full-time	47	72.3
		TOTAL	65	
b.	1)	Regular	25	80.6
	2)	Adjunct	3	9.7
	3)	Temporary	3	9.7
		TOTAL	31	

5. Do you serve in an administrative capacity?

		N	%
1)	No	65	89.0
2)	Yes, Dean	0	0.0
	Yes, Chair/Chief	4	5.5
	Yes, Director	4	5.5
	Yes, Other	3	4.1
	TOTAL	73	

6. Highest degree

	N	%
BS/BA	2	2.9
MS/MA	17	24.3
PhD/EdD	48	68.6
Other	3	4.3
TOTAL	70	

Year received highest degree

	N	%
thru 1969	4	8.7
1970s	11	23.9
1980s	4	8.7
1990-94	15	32.6
1995+	12	26.1
TOTAL	46	

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

Mean Number of …	Lower Division Courses	Lower Division Students	Upper Division Courses	Upper Division Students	Graduate Courses	Graduate Students	ALL LEVELS Courses	ALL LEVELS Students
Classroom lectures	3.7	66	2.9	45	2.5	46	3.1	56
Discussion seminars	5.0	20	2.0	22	2.4	27	2.7	30
Other (e.g., lab, practicum):	1.0	17	5.0	48	2.1	32	2.4	36

Your Use of Technology

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

0 Don't use	1 Novice	2 Intermediate	3 Advanced	4 Expert	N
0	4.3	60.0	28.6	7.1	70

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 <u>writing the corresponding letter</u> in the appropriate space below.

		%
a)	I don't wish to learn more about computers.	1.4
b)	Workshops	65.8
c)	On-line computer classes	13.7
d)	Books, journals, tutorials	30.1
e)	Exploring, experimenting	68.5
f)	Help from colleagues, friends, family	79.5
g)	Telephone consultants	21.9
h)	Local technical support	53.4
i)	Conferences in your discipline	19.2
j)	Other (specify):	3.9

1st most preferred: EXPLORING 25%
WORKSHOPS 25%

2nd most preferred: COLLEAGUES 39%
LOCAL SUPP. 19%

3rd most preferred: EXPLORING 26%
WORKSHOPS 23%

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	6.9	0.0	1.4	0.0	2.8	5.6	83.3	72
b)	Classroom	27.3	7.6	12.1	4.5	25.8	18.2	4.5	66
d)	Home	1.4	0.0	1.4	0.0	4.2	9.7	83.3	72
e)	While traveling	21.2	13.6	27.3	4.5	7.6	15.2	10.6	66
d)	Other (specify):	14.3	0.0	0.0	0.0	42.9	14.3	28.6	7

11. What computer technology (if any) do you <u>use</u> 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			
			1 year	2 years	3+ years	N
a)	Personal Computer (PC, IBM-compatible)	50.7	42.9	22.9	34.3	35
b)	Macintosh (MAC)	56.2	36.1	27.8	36.1	36
c)	Unix Workstation	5.5	60.0	20.0	20.0	5
d)	Printer	84.9	35.2	29.6	35.2	54
e)	Scanner	23.3	46.2	23.1	30.8	13
f)	Drives, diskettes, etc. for file back-up	69.9	46.5	27.9	25.6	43
g)	Digital camera	15.1	88.9	11.1	0.0	9
h)	Other (specify):	2.7	100.0	0.0	0.0	2

12. What kind of Internet connection do you <u>use</u> … (Percent checked in each column.)

		at the UW?	at home?	while traveling?	N
a)	None	0.0	2.7	15.1	73
b)	I don't know what kind of connection I use.	5.5	0.0	2.7	73
c)	Campus network	84.9	19.2	2.7	73
d)	Regular modem	0.0	61.6	30.1	73
e)	Cable modem	0.0	15.1	4.1	73
f)	Digital Subscriber Line (DSL) modem	1.4	8.2	0.0	73
g)	Wireless	1.4	0.0	0.0	73
h)	Other (specify):	0.0	0.0	1.4	73

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	18.1	33.3	25.0	20.8	2.8	72
b)	reliability	2.8	27.8	29.2	37.5	2.8	72

14. Do you …

		No	Yes	N
a)	have exclusive use of a computer at the UW?	27.4	72.6	73
b)	communicate with email at work?	8.2	91.8	73
c)	communicate with email at home?	2.7	97.3	73
d)	have a non-UW email account?	29.0	71.0	69
e)	transfer files between work and home?	20.5	79.5	73

If yes, which method do you use most often? (N=64)

1)	3.5" floppy:	54.7%	4)	Other high capacity disk	1.6%	7)	FTP (Fetch, WS-FTP)	9.4%
2)	ZIP disk:	12.5	5)	CD burner	0.0	8)	Other (specify):	0.0
3)	Jazz disk	0.0	6)	Email attachment	21.9			

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	0.0	0.0	4.1	0.0	0.0	17.8	78.1
b) Spreadsheet (e.g., Excel)	23.6	6.9	15.3	13.9	16.7	20.8	2.8
c) Presentation (e.g., PowerPoint)	23.9	7.0	21.1	18.3	7.0	19.7	2.8
d) Email (e.g., Pine, Outlook, Eudora)	2.8	0.0	2.8	1.4	0.0	13.9	79.2
e) Calendar/scheduling	54.3	1.4	4.3	1.4	2.9	7.1	28.6
f) Internet/Web access (e.g, Navigator)	5.6	0.0	2.8	1.4	11.1	18.1	61.1
g) Web (HTML) editors (e.g., Frontpage)	56.5	5.8	10.1	0.0	11.6	8.7	7.2
h) Catalyst web-based tools	77.9	4.4	7.4	2.9	4.4	2.9	0.0
i) Courseware (e.g., WebCT, Blackboard)	87.3	0.0	4.2	0.0	4.2	4.2	
j) Publishing (e.g., Acrobat, PageMaker)	57.1	2.9	11.4	5.7	10.0	11.4	1.4
k) Graphics (e.g., Photoshop)	59.2	2.8	18.3	4.2	7.0	7.0	1.4
l) Multimedia authoring software	85.3	0.0	5.9	1.5	1.5	2.9	2.9
m) Database (e.g., ACCESS, FileMaker)	57.1	4.3	15.7	1.4	11.4	7.1	2.9
n) Video editing software	90.0	1.4	7.1	0.0	1.4	0.0	0.0
o) Statistical analysis software	54.3	7.1	7.1	12.9	7.1	8.6	2.9
p) Software to record/manage grades	71.9	1.6	1.6	1.6	15.6	6.3	1.6
q) Modeling or simulations	88.7	0.0	2.8	1.4	5.6	1.4	0.0
r) Overhead transparencies	17.8	2.7	6.8	11.0	20.5	32.9	8.2
s) Slides, filmstrips and/or movies	59.7	8.3	13.9	8.3	8.3	0.0	1.4
t) Video and/or audio tape	25.0	5.6	19.4	12.5	30.6	5.6	1.4
u) Digital video and/or audio	77.9	5.9	4.4	1.5	7.4	2.9	0.0
v) Computer-projected presentations	48.6	9.7	9.7	11.1	11.1	8.3	1.4
w) Video conferencing	84.3	10.0	1.4	2.9	1.4	0.0	0.0
x) 3-D modeling	97.1	1.4	0.0	0.0	1.4	0.0	0.0
y) Computer-generated animat/graphics	89.9	1.4	4.3	4.3	0.0	0.0	0.0
z) Other (specify):	64.7	0.0	0.0	11.8	17.6	5.9	0.0

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

		Yes	No	Don't know	N
a)	Peer Review (collaboration tool)	1.5	97.0	1.5	67
b)	WebQ (survey/quiz generator)	13.0	85.5	1.4	69
c)	Epost (discussion board)	10.1	88.4	1.4	69
d)	Umail (feedback form)	2.9	95.6	1.5	68
e)	E-submit (assignment turn-in)	4.4	94.1	1.5	68
f)	Web Templates (course webpage)	18.6	80.0	1.4	70
*	Any Catalyst tool (derived from items a-f)	21.9	78.1	--	73

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.	46.6	l) There is no incentive (e.g., leave time, contribution toward tenure, financial).	24.7
b)	I don't have the necessary skills.	54.8		
c)	I don't know how to get access.	27.4	m) I'm not convinced it would improve student learning.	19.2
d)	I need upgraded hardware.	34.2		
e)	I don't have adequate development tools.	21.9	n) Students may not be proficient.	8.2
f)	The applications and media I want to use don't run on machines in the classrooms.	15.1	o) It's too much trouble.	19.2
			p) It costs too much.	4.1
g)	I don't have technical support in my department.	27.4	q) Other (specify):	5.5
h)	I don't have on-site (e.g., classroom, lab) support.	23.3	1st highest concern: SKILLS 33% / TIME 25%	
i)	I don't have pedagogical support.	13.7	2nd highest concern: SKILLS 18% / TIME 18%	
j)	I'm not sure how to legally use copyrighted materials.	11.0		
k)	I'm concerned about losing my own intellectual property rights.	5.5	3rd highest concern: NO INCENTIVE 14% / TOO MUCH TROUBLE 14%	

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	7.7	23.1	35.4	30.8	3.1
b)	Facilitate class discussions	7.4	38.2	27.9	20.6	5.9
c)	Post student work	19.1	36.8	22.1	13.2	8.8
d)	Access on-line course reserves	3.0	17.9	37.3	35.8	6.0
e)	Gather information via on-line quizzes or surveys	29.9	31.3	20.9	11.9	6.0
f)	Manage course grades	35.3	26.5	25.0	2.9	10.3
g)	Submit final course grades	14.5	18.8	58.0	1.4	7.2
h)	Access on-line materials archives	7.4	16.2	41.2	22.1	13.2
i)	Conduct simulations or visualizations	35.8	17.9	28.4	1.5	16.4
j)	Conduct research	13.4	22.4	31.3	26.9	6.0
k)	Use Geographical Information System (GIS) or other spatial display of information	50.7	17.9	13.4	0.0	17.9
l)	Present work to other people at the UW	23.9	37.3	23.9	4.5	10.4
m)	Present work to other people around the world	20.9	29.3	21.7	19.4	8.7
n)	Facilitate collaboration with people at the UW	12.1	33.3	42.4	6.1	6.1
o)	Facilitate collaboration with people around the world	10.6	33.3	39.4	7.6	9.1
p)	Perform compositions, dances, or other music/art activities	83.6	7.5	0.0	0.0	9.0
q)	Other (specify):	33.3	16.7	16.7	16.7	16.7

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	1.5	3.0	25.4	70.1	0.0
b) Audio/video clips, animation, or slides	12.3	21.5	47.7	10.8	7.7
c) Videoconferencing	27.3	27.3	25.8	6.1	13.6
d) Streaming video	20.6	27.0	19.0	1.6	31.7
e) Computer simulations	24.6	26.2	23.1	7.7	18.5
f) Multimedia presentations as class assignments	10.6	34.8	33.3	7.6	13.6
g) Textual analysis programs (e.g., Atlas)	31.3	17.2	9.4	4.7	37.5
h) Other (specify):	20.0	20.0	20.0	0.0	40.0

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

Resource	N	%
Nowhere	1	1.4
Colleague/Faculty/Friend	8	11.0
Department/Office	15	20.5
UW resource/Catalyst	11	15.1
Web resource	1	1.4
Other	6	8.2
No Answer (missing)	31	42.5

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

Service	N	%
Improve access	7	22.6
Improve support	10	32.3
Workshops/courses	12	38.7
Improve classroom capabilities	1	3.2

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

Skill	N	%
Use email	14	51.9
Use word processing software	14	51.9
Have Web access	14	51.9
Use database or spreadsheet software	6	22.2

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

Skill	N	%
Use email	3	11.1
Use word processing software	7	25.9
Have Web access	10	37.0
Use database or spreadsheet software	4	14.8

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	4	16.7
Computer labs with assistance	11	45.8
Instruction/workshops	8	33.3
Programs define/require skills courses	2	8.3

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 <u>by writing the corresponding letter</u> in the appropriate space below.

		Preferred by (%)				Preferred by (%)
a)	None	1.4	l)	Laptop hook-up on podium		52.1
b)	Overhead projector (for transparencies)	86.3	m)	Multi-media (computer) projector		56.2
c)	Television	50.7	n)	Other (specify):		5.5
d)	VCR	78.1				
e)	Video disc player	13.7	1st most preferred:	OVERHEADS		46%
f)	DVD	21.9		COMPUTER		25%
g)	Film projector	8.2				
h)	Slide projector	20.5	2nd most preferred:	MULTIMEDIA		30%
i)	Audio tape player	26.0		VCR		25%
j)	CD player	32.9				
k)	Permanent computer at podium	61.6	3rd most preferred:	OVERHEADS		32%
				VCR		19%

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

Resource	N	%
Computer access	7	33.3
Multimedia	7	33.3
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	27	41.5	7 (58.3)	5 (41.7)	17 (73.9)	6 (26.1)	MALFUNCTION: *n*=4
b)	collaboratories	21	50.0	8 (61.5)	5 (38.5)	13 (50.0)	13 (50.0)	MALFUNCTION: *n*=1

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

Small (<30): 58.9%   Intermediate (30-80): 47.9%   Large (80-200): 23.3%   Very large (200+): 17.8%