



Faculty Survey on Instructional Technology 2001: Tacoma Frequencies

About You

Survey Mode:	N	%
Online	5	23.8
Paper	16	76.2

2. Rank:	N	%
1) Full Professor	8	38.1
2) Associate Professor	5	23.8
3) Assistant Professor	4	19.0
4) Instructor	0	0.0
5) Lecturer	3	14.3
6) Teaching Assistant	0	0.0
7) Other (specify):	1	4.8
TOTAL	21	

3. Are you tenured?	N	%
No	7	35.0
Yes	13	65.0

4. Current appointment:	N	%
a. 1) Part-time	0	0.0
2) Full-time	19	100.0
TOTAL	19	
b. 1) Regular	3	60.0
2) Adjunct	1	20.0
3) Temporary	1	20.0
TOTAL	5	

5. Do you serve in an administrative capacity?

	N	%
1) No	13	72.2
2) Yes, Dean	0	0.0
Yes, Chair/Chief	2	11.1
Yes, Director	3	16.7
Yes, Other	0	0.0
TOTAL	18	

6. Highest degree

	N	%
BS/BA	0	0.0
MS/MS	1	5.6
PhD/EdD	17	94.4
Other	0	0.0
TOTAL	18	

Year received highest degree

	N	%
thru 1969	0	0.0
1970s	2	16.7
1980s	5	41.7
1990-94	3	25.0
1995+	2	16.7
TOTAL	12	

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	4.0	360	4.2	127	1.5	25	4.4	149
Discussion seminars	-	-	2.8	60	3.0	45	3.5	71
Other (e.g., lab, practicum):	-	-	1.0	12	-	-	1.0	12

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	0.0	52.4	38.1	9.5	21

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.	0.0	1 st most preferred:	<u>WORKSHOPS 26%</u>
b) Workshops	76.2		<u>EXPLORING 26%</u>
c) On-line computer classes	19.0	2 nd most preferred:	<u>COLLEAGUES 47%</u>
d) Books, journals, tutorials	28.6		<u>WORKSHOPS 16%</u>
e) Exploring, experimenting	61.9	3 rd most preferred:	<u>LOCAL SUPP. 37%</u>
f) Help from colleagues, friends, family	71.4		<u>WORKSHOPS 16%</u>
g) Telephone consultants	33.3		<u>EXPLORING 16%</u>
h) Local technical support	71.4		
i) Conferences in your discipline	23.8		
j) Other (specify): _____	0.0		

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	0.0	0.0	0.0	0.0	0.0	0.0	100.0	21
b) Classroom	9.5	0.0	9.5	14.3	19.0	42.9	4.8	21
d) Home	9.5	0.0	0.0	0.0	9.5	0.0	81.0	21
e) While traveling	9.5	14.3	28.6	0.0	9.5	23.8	14.3	21
d) Other (specify): _____	50.0	0.0	0.0	0.0	50.0	0.0	0.0	4

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)	81.0	44.4	33.3	22.2	17
b) Macintosh (MAC)	19.0	75.0	25.0	0.0	4
c) Unix Workstation	0.0	0.0	0.0	0.0	0
d) Printer	95.2	28.6	28.6	42.9	20
e) Scanner	47.6	20.0	30.0	50.0	10
f) Drives, diskettes, etc. for file back-up	61.9	53.8	30.8	15.4	13
g) Digital camera	42.9	22.2	33.3	44.0	9
h) Other (specify): _____	4.8	0.0	100.0	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	0.0	9.5	9.5	21
b) I don't know what kind of connection I use.	0.0	0.0	4.8	21
c) Campus network	95.2	9.5	0.0	21
d) Regular modem	4.8	47.6	57.1	21
e) Cable modem	4.8	28.6	0.0	21
f) Digital Subscriber Line (DSL) modem	0.0	4.8	0.0	21
g) Wireless	0.0	0.0	0.0	21
h) Other (specify): _____	0.0	0.0	0.0	21

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	4.8	23.8	42.9	19.0	9.5	21
b) reliability	0.0	14.3	57.1	19.0	9.5	21

14. Do you ...

	No	Yes	N
a) have exclusive use of a computer at the UW?	4.8	95.2	21
b) communicate with email at work?	0.0	100.0	21
c) communicate with email at home?	9.5	90.5	21
d) have a non-UW email account?	42.9	57.1	21
e) transfer files between work and home?	9.5	90.5	21

If yes, which method do you use most often? (N=18)

1) 3.5" floppy:	66.7%	4) Other high capacity disk	0.0%	7) FTP (Fetch, WS-FTP)	5.6%
2) ZIP disk:	5.6	5) CD burner	0.0	8) Other (specify):	0.0
3) Jazz disk	0.0	6) Email attachment	22.2		

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	4.8	0.0	0.0	4.8	9.5	81.0
b) Spreadsheet (e.g., Excel)	35.0	5.0	10.0	10.0	0.0	35.0	5.0
c) Presentation (e.g., PowerPoint)	35.0	5.0	15.0	5.0	25.0	15.0	0.0
d) Email (e.g., Pine, Outlook, Eudora)	0.0	4.8	0.0	0.0	0.0	4.8	90.5
e) Calendar/scheduling	71.4	0.0	4.8	0.0	0.0	0.0	23.8
f) Internet/Web access (e.g, Navigator)	0.0	0.0	0.0	0.0	0.0	4.8	95.2
g) Web (HTML) editors (e.g., Frontpage)	28.6	4.8	23.8	4.8	14.3	23.8	0.0
h) Catalyst web-based tools	71.4	0.0	19.0	0.0	4.8	4.8	0.0
i) Courseware (e.g., WebCT, Blackboard)	47.6	4.8	0.0	0.0	0.0	28.6	19.0
j) Publishing (e.g., Acrobat, PageMaker)	47.6	4.8	9.5	0.0	14.3	19.0	4.8
k) Graphics (e.g., Photoshop)	57.1	0.0	9.5	9.5	19.0	4.8	0.0
l) Multimedia authoring software	95.2	0.0	0.0	0.0	4.8	0.0	0.0
m) Database (e.g., ACCESS, FileMaker)	66.7	4.8	14.3	14.3	0.0	0.0	0.0
n) Video editing software	95.2	0.0	4.8	0.0	0.0	0.0	0.0
o) Statistical analysis software	66.7	0.0	19.0	4.8	9.5	0.0	0.0
p) Software to record/manage grades	38.1	0.0	9.5	0.0	33.3	14.3	4.8
q) Modeling or simulations	85.0	0.0	10.0	5.0	0.0	0.0	0.0
r) Overhead transparencies	9.5	4.8	9.5	9.5	23.8	28.6	14.3
s) Slides, filmstrips and/or movies	28.6	4.8	4.8	14.3	19.0	23.8	4.8
t) Video and/or audio tape	0.0	9.5	14.3	19.0	33.3	19.0	4.8
u) Digital video and/or audio	45.0	10.0	30.0	5.0	5.0	0.0	5.0
v) Computer-projected presentations	42.9	4.8	14.3	19.0	9.5	9.5	0.0
w) Video conferencing	61.9	14.3	19.0	4.8	0.0	0.0	0.0
x) 3-D modeling	90.5	0.0	9.5	0.0	0.0	0.0	0.0
y) Computer-generated animat/graphics	90.5	0.0	9.5	0.0	0.0	0.0	0.0
z) Other (specify):	50.0	0.0	0.0	0.0	0.0	25.0	25.0

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

	Yes	No	Don't know	N
a) Peer Review (collaboration tool)	15.0	85.0	0.0	20
b) WebQ (survey/quiz generator)	10.0	90.0	0.0	20
c) Epost (discussion board)	9.5	90.5	0.0	21
d) Umail (feedback form)	15.0	85.0	0.0	20
e) E-submit (assignment turn-in)	5.3	94.7	0.0	19
f) Web Templates (course webpage)	30.0	70.0	0.0	20
* <u>Any</u> Catalyst tool (derived from items a-f)	42.9	57.1	--	21

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.	71.4	l) There is no incentive (e.g., leave time, contribution toward tenure, financial).	52.4
b) I don't have the necessary skills.	52.4	m) I'm not convinced it would improve student learning.	38.1
c) I don't know how to get access.	23.8	n) Students may not be proficient.	33.3
d) I need upgraded hardware.	14.3	o) It's too much trouble.	23.8
e) I don't have adequate development tools.	23.8	p) It costs too much.	14.3
f) The applications and media I want to use don't run on machines in the classrooms.	19.0	q) Other (specify):	4.8
g) I don't have technical support in my department.	28.6	1 st highest concern: <u>TIME</u>	42%
h) I don't have on-site (e.g., classroom, lab) support.	23.8	<u>SKILLS</u>	16%
i) I don't have pedagogical support.	33.3	<u>STUDENT LRNG.</u>	16%
j) I'm not sure how to legally use copyrighted materials.	14.3	2 nd highest concern: <u>NO INCENTIVE</u>	24%
k) I'm concerned about losing my own intellectual property rights.	28.6	<u>TIME</u>	18%
		<u>SKILLS</u>	18%
		3 rd highest concern: <u>NO INCENTIVE</u>	27%
		<u>SKILLS</u>	20%

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	5.9	17.6	11.8	64.7	0.0
b) Facilitate class discussions	16.7	33.3	22.2	27.8	0.0
c) Post student work	11.8	23.5	23.5	41.2	0.0
d) Access on-line course reserves	0.0	11.1	22.2	66.7	0.0
e) Gather information via on-line quizzes or surveys	33.3	44.4	11.1	11.1	0.0
f) Manage course grades	27.8	33.3	16.7	22.2	0.0
g) Submit final course grades	16.7	22.2	61.1	0.0	0.0
h) Access on-line materials archives	0.0	5.9	52.9	41.2	0.0
i) Conduct simulations or visualizations	38.9	27.8	16.7	11.1	5.6
j) Conduct research	5.6	22.2	27.8	44.4	0.0
k) Use Geographical Information System (GIS) or other spatial display of information	41.2	11.8	23.5	17.6	5.9
l) Present work to other people at the UW	22.2	22.2	38.9	11.1	5.6
m) Present work to other people around the world	16.7	22.2	33.3	22.2	5.6
n) Facilitate collaboration with people at the UW	11.1	22.2	50.0	11.1	5.6
o) Facilitate collaboration with people around the world	17.6	17.6	41.2	17.6	5.9
p) Perform compositions, dances, or other music/art activities	88.9	0.0	11.1	0.0	0.0
q) Other (specify):	100.0	0.0	0.0	0.0	0.0

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	0.0	0.0	27.8	72.2	0.0
b) Audio/video clips, animation, or slides	16.7	22.2	33.3	27.8	0.0
c) Videoconferencing	41.2	17.6	11.8	23.5	5.9
d) Streaming video	27.8	22.2	33.3	5.6	11.1
e) Computer simulations	35.3	17.6	17.6	23.5	5.9
f) Multimedia presentations as class assignments	11.1	16.7	27.8	38.9	5.6
g) Textual analysis programs (e.g., Atlas)	50.0	5.6	22.2	0.0	22.2
h) Other (specify):	100.0	0.0	0.0	0.0	0.0

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

Resource	N	%
Nowhere	0	0.0
Colleague/Faculty/Friend	2	9.5
Department/Office	3	14.3
UW resource/Catalyst	10	47.6
Web resource	0	0.0
Other	1	4.8
No Answer (missing)	5	23.8

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

Service	N	%
Improve access	2	14.3
Improve support	8	57.1
Workshops/courses	8	57.1
Improve classroom capabilities	0	0.0

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

Skill	N	%
Use email	5	38.5
Use word processing software	7	53.8
Have Web access	9	69.2
Use database or spreadsheet software	4	30.8

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

Skill	N	%
Use email	3	27.3
Use word processing software	2	18.2
Have Web access	7	63.6
Use database or spreadsheet software	5	45.5

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	25.0
Computer labs with assistance	4	33.3
Instruction/workshops	8	66.7
Programs define/require skills courses	0	0.0

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	0.0	l) Laptop hook-up on podium	19.0
b) Overhead projector (for transparencies)	90.5	m) Multi-media (computer) projector	57.1
c) Television	42.9	n) Other (specify):	0.0
d) VCR	90.5		
e) Video disc player	23.8	1st most preferred:	<u>COMPUTER</u> 29%
f) DVD	28.6		<u>OVERHEADS</u> 24%
g) Film projector	14.3		<u>VCR</u> 24%
h) Slide projector	47.6	2nd most preferred:	<u>MULTI-MEDIA</u> 29%
i) Audio tape player	19.0		<u>COMPUTER</u> 24%
j) CD player	28.6	3rd most preferred:	<u>OVERHEADS</u> 29%
k) Permanent computer at podium	76.2		<u>VCR</u> 24%

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

Resource	N	%
Computer access	1	10.0
Multimedia	6	60.0
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	17	89.5	-	-	7 (46.7)	8 (53.3)
b) collaboratories	2	40.0	3 (75.0)	1 (25.0)	5 (83.3)	1 (16.7)

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

Small (<30): 57.1% Intermediate (30-80): 66.7% Large (80-200): 38.1% Very large (200+): 23.8%