



# Faculty Survey on Instructional Technology 2001: Overall Frequencies

## About You

<b>Survey Mode:</b>	N	%
Online	602	32.0
Paper	1277	68.0

1. Your department:  
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<b>2. Rank:</b>	N	%
1) Full Professor	546	29.3
2) Associate Professor	341	18.3
3) Assistant Professor	235	12.6
4) Instructor	63	3.4
5) Lecturer	228	12.3
6) Teaching Assistant	310	16.7
7) Other (specify):	138	7.4
TOTAL	1861	

<b>3. Are you tenured?</b>	N	%
No	1112	61.8
Yes	688	38.2

<b>4. Current appointment:</b>	N	%
a. 1) Part-time	431	25.7
2) Full-time	1248	74.3
TOTAL	1679	
b. 1) Regular	400	74.3
2) Adjunct	60	11.2
3) Temporary	78	14.5
TOTAL	538	

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

	N	%
1) No	1344	81.8
2) Yes, Dean	10	0.6
Yes, Chair/Chief	87	5.3
Yes, Director	134	8.2
Yes, Other	69	4.2
TOTAL	1644	

**6. Highest degree**

	N	%
BS/BA	151	8.6
MS/MS	339	19.3
JD	22	1.3
MD/DDS	182	10.3
PhD/EdD	996	56.6
Other	69	3.9
TOTAL	1759	

**Year received highest degree**

	N	%
thru 1969	149	12.9
1970s	291	25.2
1980s	257	22.2
1990-94	168	14.5
1995+	292	25.2
TOTAL	1157	

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	1.4	105	1.8	69	1.5	37	2.4	94
Discussion seminars	1.1	46	1.2	28	1.5	20	1.7	32
Other (e.g., lab, practicum):	1.7	54	1.5	27	1.7	23	2.0	38

## 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	
0.4	7.6	51.6	31.7	8.7	1831

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.	4.0	1 <sup>st</sup> most preferred:	<u>EXPLORING: 28%</u>
b) Workshops	46.5		<u>COLLEAGUES: 23%</u>
c) On-line computer classes	23.5		
d) Books, journals, tutorials	38.6	2 <sup>nd</sup> most preferred:	<u>COLLEAGUES: 29%</u>
e) Exploring, experimenting	67.1		<u>LOCAL SUPP.: 15%</u>
f) Help from colleagues, friends, family	73.4	3 <sup>rd</sup> most preferred:	<u>COLLEAGUES: 19%</u>
g) Telephone consultants	19.2		<u>LOCAL SUPP.: 17%</u>
h) Local technical support	51.0		
i) Conferences in your discipline	13.9		
j) Other (specify): _____	3.8		

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	4.6	0.1	0.6	0.3	1.8	5.3	87.3	1815
b) Classroom	41.6	4.8	15.3	5.9	9.0	14.3	9.1	1618
d) Home	3.4	0.4	1.5	1.5	5.3	19.3	68.4	1807
e) While traveling	24.5	7.4	25.6	6.3	5.3	13.8	17.1	1664
d) Other (specify): _____	37.9	0.9	5.5	1.8	11.4	14.2	28.3	219

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)	70.1	41.2	28.4	30.3	1305
b) Macintosh (MAC)	32.4	33.3	28.2	38.5	600
c) Unix Workstation	15.5	30.7	24.7	44.6	267
d) Printer	82.0	27.0	25.6	47.4	1450
e) Scanner	36.3	35.0	32.3	32.6	631
f) Drives, diskettes, etc. for file back-up	62.1	43.1	28.1	28.8	1025
g) Digital camera	20.9	57.1	26.7	16.2	359
h) Other (specify): _____	3.0	51.7	23.3	25.0	60

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

	at the UW?	at home?	while traveling?	N
a) None	1.5	3.2	14.5	1879
b) I don't know what kind of connection I use.	5.6	1.8	4.2	1879
c) Campus network	86.3	10.1	4.2	1879
d) Regular modem	2.8	58.6	35.8	1879
e) Cable modem	1.2	14.8	0.9	1879
f) Digital Subscriber Line (DSL) modem	0.8	10.2	0.5	1879
g) Wireless	0.4	1.0	0.9	1879
h) Other (specify): _____	0.5	0.5	1.7	1879

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	17.8	26.7	27.3	23.6	4.7	1812
b) reliability	8.2	20.4	34.8	31.7	4.8	1784

14. Do you ...

	No	Yes	N
a) have exclusive use of a computer at the UW?	20.7	79.3	1845
b) communicate with email at work?	2.9	97.1	1844
c) communicate with email at home?	9.0	91.0	1841
d) have a non-UW email account?	33.4	66.6	1822
e) transfer files between work and home?	17.8	82.2	1828

If yes, which method do you use most often? (N=1579)

1) 3.5" floppy:	35.8%	4) Other high capacity disk	0.6%	7) FTP (Fetch, WS-FTP)	20.3%
2) ZIP disk:	18.2	5) CD burner	0.4	8) Other (specify):	4.7
3) Jazz disk	0.3	6) Email attachment	19.6		

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	3.0	.4	3.2	1.8	6.6	20.0	65.1
b) Spreadsheet (e.g., Excel)	21.9	5.1	11.3	7.7	17.8	24.4	11.7
c) Presentation (e.g., PowerPoint)	32.8	5.3	15.4	9.8	14.3	14.5	7.9
d) Email (e.g., Pine, Outlook, Eudora)	2.7	.2	1.6	1.0	3.4	8.6	82.5
e) Calendar/scheduling	53.5	1.1	3.6	2.1	4.6	7.5	27.5
f) Internet/Web access (e.g, Navigator)	4.9	.3	2.9	2.4	7.4	18.4	63.7
g) Web (HTML) editors (e.g., Frontpage)	55.7	3.7	9.4	4.8	9.7	10.8	6.0
h) Catalyst web-based tools	80.6	4.1	6.7	2.2	2.9	2.9	.6
i) Courseware (e.g., WebCT, Blackboard)	93.3	1.2	1.3	.5	.6	2.0	1.0
j) Publishing (e.g., Acrobat, PageMaker)	54.9	3.3	9.9	6.5	10.8	10.3	4.3
k) Graphics (e.g., Photoshop)	50.4	4.2	11.6	7.8	12.0	10.2	3.8
l) Multimedia authoring software	88.5	1.7	3.0	2.4	2.8	1.1	.6
m) Database (e.g., ACCESS, FileMaker)	67.7	3.1	8.3	4.7	6.2	6.0	4.0
n) Video editing software	92.7	1.7	2.9	.9	1.0	.5	.2
o) Statistical analysis software	60.4	4.5	9.5	5.5	7.4	8.0	4.7
p) Software to record/manage grades	60.7	1.0	6.5	4.0	12.9	11.7	3.1
q) Modeling or simulations	82.7	1.9	3.9	1.4	4.0	3.2	2.9
r) Overhead transparencies	21.8	2.8	11.3	8.0	19.7	23.0	13.4
s) Slides, filmstrips and/or movies	50.2	5.4	13.0	8.7	12.5	7.4	2.9
t) Video and/or audio tape	45.4	7.2	16.1	10.6	13.3	6.1	1.4
u) Digital video and/or audio	80.6	3.9	4.8	3.2	4.4	2.7	.5
v) Computer-projected presentations	53.8	5.0	12.1	7.1	10.1	8.8	3.2
w) Video conferencing	88.5	4.8	3.4	1.5	1.2	.5	.1
x) 3-D modeling	91.4	1.5	2.3	1.0	1.6	1.4	.9
y) Computer-generated animat/graphics	83.7	2.2	2.9	2.5	3.9	3.0	1.9
z) Other (specify):	80.1		1.3	1.0	4.9	6.2	6.5

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

	Yes	No	Don't know	N
a) Peer Review (collaboration tool)	3.5	94.1	2.4	1773
b) WebQ (survey/quiz generator)	6.8	91.1	2.1	1776
c) Epost (discussion board)	5.7	92.2	2.1	1777
d) Umail (feedback form)	4.2	93.5	2.3	1769
e) E-submit (assignment turn-in)	2.6	95.4	2.0	1766
f) Web Templates (course webpage)	13.2	84.6	2.2	1774
* <u>Any</u> Catalyst tool (derived from items a-f)	20.5	79.5	--	1879

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.	53.5	l) There is no incentive (e.g., leave time, contribution toward tenure, financial).	31.0
b) I don't have the necessary skills.	47.5	m) I'm not convinced it would improve student learning.	27.8
c) I don't know how to get access.	21.1	n) Students may not be proficient.	11.5
d) I need upgraded hardware.	26.0	o) It's too much trouble.	24.2
e) I don't have adequate development tools.	18.0	p) It costs too much.	6.9
f) The applications and media I want to use don't run on machines in the classrooms.	18.5	q) Other (specify):	5.2
g) I don't have technical support in my department.	23.3	1 <sup>st</sup> highest concern: <u>TIME:</u>	34%
h) I don't have on-site (e.g., classroom, lab) support.	22.3	<u>SKILLS:</u>	19%
i) I don't have pedagogical support.	13.0	2 <sup>nd</sup> highest concern: <u>SKILLS:</u>	18%
j) I'm not sure how to legally use copyrighted materials.	10.6	<u>TIME:</u>	14%
k) I'm concerned about losing my own intellectual property rights.	11.1	3 <sup>rd</sup> highest concern: <u>NO INCENTIVE:</u>	11%
		<u>STUDENT LEARNING:</u>	10%

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	9.0	18.2	33.0	36.5	3.3
b) Facilitate class discussions	22.8	33.5	24.6	13.3	5.8
c) Post student work	31.7	26.4	21.1	13.2	7.6
d) Access on-line course reserves	18.1	20.1	32.8	21.4	7.5
e) Gather information via on-line quizzes or surveys	34.3	29.2	23.2	6.9	6.4
f) Manage course grades	39.8	19.6	25.7	8.9	6.0
g) Submit final course grades	23.4	17.9	50.4	2.5	5.9
h) Access on-line materials archives	12.2	19.3	40.8	20.6	7.0
i) Conduct simulations or visualizations	36.2	19.7	28.7	5.9	9.5
j) Conduct research	18.3	17.3	24.0	34.5	5.8
k) Use Geographical Information System (GIS) or other spatial display of information	52.9	13.0	12.7	4.0	17.4
l) Present work to other people at the UW	24.7	29.9	18.6	17.2	9.6
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	17.4	31.4	25.3	17.6	8.2
o) Facilitate collaboration with people around the world	17.8	30.0	26.3	17.7	8.1
p) Perform compositions, dances, or other music/art activities	84.1	3.9	3.7	.5	7.8
q) Other (specify):	67.0	2.0	13.2	3.0	14.7

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	4.3	7.5	30.2	57.0	1.0
b) Audio/video clips, animation, or slides	22.1	24.4	32.7	16.0	4.7
c) Videoconferencing	50.6	21.8	15.3	3.4	8.9
d) Streaming video	43.6	18.5	17.8	2.5	17.6
e) Computer simulations	37.4	21.9	21.3	7.6	11.8
f) Multimedia presentations as class assignments	34.5	25.8	24.0	7.0	8.8
g) Textual analysis programs (e.g., Atlas)	48.9	9.9	7.5	1.3	32.4
h) Other (specify):	72.5	1.6	6.6	.5	18.74

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

Resource	N	%
Nowhere	80	6.3
Colleague/Faculty/Friend	215	16.8
Department/Office	481	37.7
UW resource/Catalyst	184	14.4
Web resource	30	2.3
Other	73	5.7
No Answer (missing)	214	16.8

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

Service	N	%
Improve access	169	13.2
Improve support	294	23.0
Workshops/courses	221	17.3
Improve classroom capabilities	120	9.4

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

Skill	N	%
Use email	244	19.1
Use word processing software	379	29.7
Have Web access	358	28.0
Use database or spreadsheet software	157	12.3

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

Skill	N	%
Use email	140	11.0
Use word processing software	142	11.1
Have Web access	278	21.8
Use database or spreadsheet software	182	14.3

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	133	10.4
Computer labs with assistance	170	13.3
Instruction/workshops	187	14.6
Programs define/require skills courses	77	6.0

## 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	1.5	l) Laptop hook-up on podium	54.2
b) Overhead projector (for transparencies)	80.5	m) Multi-media (computer) projector	51.6
c) Television	34.5	n) Other (specify):	4.6
d) VCR	54.7	1st most preferred: OVERHEADS	43%
e) Video disc player	7.2	MULTIMEDIA	19%
f) DVD	11.1	2nd most preferred: MULTIMEDIA	18%
g) Film projector	9.0	LAPTOP HOOK-UP	17%
h) Slide projector	42.7	3rd most preferred: OVERHEADS	17%
i) Audio tape player	14.2	VCR	17%
j) CD player	16.8		
k) Permanent computer at podium	41.9		

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

Resource	N	%
Computer access	292	15.5
Multimedia	374	19.9
Personal help	6	0.3

27. UW currently maintains ten general-access multi-media classrooms (permanent computer at podium with projection capabilities), and two laboratories (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	407	21.7	151 (11.9)	212 (16.7)	198 (48.6)	143 (35.1)	<u>MALFUNCTION: n=76</u>
b) laboratories	502	26.7	240 (32.7)	157 (21.4)	183 (36.5)	293 (58.4)	<u>MALFUNCTION: n=9</u>

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

Small (<30): 49.8%      Intermediate (30-80): 44.1%      Large (80-200): 28.6%      Very large (200+): 19.3%

1. Your department:

School or Sub-College	N	%
A&S Arts	78	4.2
A&S Humanities	168	8.9
A&S Natural Sci	328	17.5
A&S Social Sci	211	11.2
Architecture	26	1.4
Business	90	4.8
Education	73	3.9
Engineering	146	7.8
Fisheries	41	2.2
Forestry	36	1.9
I-School	8	0.4
Libraries	13	0.7
Social Work	28	1.5
Public Affairs	12	0.6
Public Health	76	4.0
Law	18	1.0
Dentistry	49	2.6
Nursing	60	3.2
Pharmacy	35	1.9
Medicine	293	15.6
ROTC	9	0.5
Grad Interdisciplinary	9	0.5
Other	18	1.0
Bothell Campus	6	0.3
Tacoma Campus	21	1.1
Total	1852	98.6