



## Faculty Survey on Instructional Technology 2001: College of Arts and Sciences Frequencies

### About You

<b>Survey Mode:</b>	N	%
Online	249	31.7
Paper	536	68.3

<b>2. Rank:</b>	N	%
1) Full Professor	208	26.6
2) Associate Professor	103	13.2
3) Assistant Professor	71	9.1
4) Instructor	31	4.0
5) Lecturer	84	10.7
6) Teaching Assistant	235	30.0
7) Other (specify):	51	6.5
<b>TOTAL</b>	<b>783</b>	

<b>3. Are you tenured?</b>	N	%
No	461	61.1
Yes	294	38.9

<b>4. Current appointment:</b>	N	%
a. 1) Part-time	217	31.3
2) Full-time	477	68.7
<b>TOTAL</b>	<b>694</b>	
b. 1) Regular	152	73.1
2) Adjunct	13	6.3
3) Temporary	43	20.7
<b>TOTAL</b>	<b>200</b>	

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

	N	%
1) No	617	83.3
2) Yes, Dean	2	.3
Yes, Chair/Chief	30	4.1
Yes, Director	32	4.3
Yes, Other	55	7.5
<b>TOTAL</b>	<b>736</b>	

**6. Highest degree**

	N	%
BS/BA	93	12.6
MS/MS	182	24.6
JD	1	.1
MD/DDS	1	.1
PhD/EdD	429	58.1
Other	33	4.5
<b>TOTAL</b>	<b>739</b>	

**Year received highest degree**

	N	%
thru 1969	49	10.0
1970s	100	20.5
1980s	83	17.0
1990-94	56	11.5
1995+	200	41.0
<b>TOTAL</b>	<b>488</b>	

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	1.6	118.4	1.7	69.2	1.3	19.8	2.5	115.1
Discussion seminars	1.4	53.1	1.3	28.0	1.3	15.4	1.8	34.4
Other (e.g., lab, practicum):	1.8	59.1	1.6	27.7	1.6	14.2	2.2	45.3

### 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	
.5	8.9	50.9	31.3	8.4	764

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.	5.0	1 <sup>st</sup> most preferred: <u>EXPLORING 30%</u> <u>COLLEAGUES 25%</u>
b) Workshops	42.9	
c) On-line computer classes	19.7	
d) Books, journals, tutorials	41.4	2 <sup>nd</sup> most preferred: <u>COLLEAGUES: 31%</u> <u>LOCAL SUPPT: 16%</u>
e) Exploring, experimenting	68.0	
f) Help from colleagues, friends, family	76.9	3 <sup>rd</sup> most preferred: <u>COLLEAGUES: 19%</u> <u>LOCAL SUPPT: 16%</u>
g) Telephone consultants	16.3	
h) Local technical support	48.5	
i) Conferences in your discipline	11.6	
j) Other (specify): _____	3.5	

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	4.7	0	.7	.3	2.5	6.8	85.5	764
b) Classroom	52.2	4.5	12.9	4.4	5.8	11.8	8.4	689
d) Home	4.9	.8	.8	1.3	3.4	18.3	70.4	754
e) While traveling	29.0	6.8	24.9	4.3	4.3	17.5	13.2	692
d) Other (specify): _____	41.1	1.1	5.6	1.1	1.1	22.2	18.9	90

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)	68.4	35.2	28.2	36.6	537
b) Macintosh (MAC)	34.8	29.3	25.5	45.2	273
c) Unix Workstation	20.5	23.4	27.6	49.0	161
d) Printer	81.7	22.7	26.8	50.5	641
e) Scanner	34.3	34.3	29.7	36.0	269
f) Drives, diskettes, etc. for file back-up	60.8	39.2	27.9	32.9	477
g) Digital camera	12.9	47.8	31.5	20.7	101
h) Other (specify): _____	2.7	36.4	13.6	50.0	21

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

	at the UW?	at home?	while traveling?	N
a) None	1.0	4.6	15.7	785
b) I don't know what kind of connection I use.	6.5	2.4	5.4	785
c) Campus network	87.1	11.1	3.8	785
d) Regular modem	3.2	61.1	30.3	785
e) Cable modem	1.1	12.2	.3	785
f) Digital Subscriber Line (DSL) modem	.5	6.6	.4	785
g) Wireless	.3	.5	.8	785
h) Other (specify): _____	.3	.4	3.1	785

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	16.9	26.7	28.4	21.6	6.3	756
b) reliability	6.1	21.2	36.9	29.4	6.4	754

14. Do you ...

	No	Yes	N
a) have exclusive use of a computer at the UW?	28.9	71.1	775
b) communicate with email at work?	21.1	97.9	774
c) communicate with email at home?	10.8	89.2	771
d) have a non-UW email account?	39.5	60.5	769
e) transfer files between work and home?	18.7	81.3	766

If yes, which method do you use most often? (N=652)

1) 3.5" floppy:	39.1%	4) Other high capacity disk	.3%	7) FTP (Fetch, WS-FTP)	25.0%
2) ZIP disk:	16.9	5) CD burner	.2	8) Other (specify):	3.8
3) Jazz disk	.2	6) Email attachment	14.6		

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	2.9	.3	2.3	1.6	6.6	22.6	63.7
b) Spreadsheet (e.g., Excel)	27.7	4.7	10.5	6.8	18.5	22.3	9.5
c) Presentation (e.g., PowerPoint)	54.2	7.2	12.5	5.2	9.2	6.6	5.1
d) Email (e.g., Pine, Outlook, Eudora)	1.7	0	.9	1.1	3.2	9.1	84.1
e) Calendar/scheduling	58.8	1.5	4.2	2.7	5.2	7.9	19.7
f) Internet/Web access (e.g, Navigator)	5.5	.3	2.5	2.3	7.8	18.1	63.6
g) Web (HTML) editors (e.g., Frontpage)	55.6	2.7	10.0	4.7	10.0	11.2	5.8
h) Catalyst web-based tools	81.4	2.8	7.1	2.3	2.7	3.7	.1
i) Courseware (e.g., WebCT, Blackboard)	96.3	.7	.6	.3	.3	1.1	.7
j) Publishing (e.g., Acrobat, PageMaker)	55.3	3.0	9.7	8.0	10.3	10.2	3.4
k) Graphics (e.g., Photoshop)	54.7	4.4	9.9	7.8	10.2	9.9	3.2
l) Multimedia authoring software	89.2	1.0	2.4	2.2	3.2	1.4	.6
m) Database (e.g., ACCESS, FileMaker)	77.7	2.2	5.7	3.5	3.9	4.4	2.6
n) Video editing software	93.2	1.4	2.9	.6	1.1	.4	.4
o) Statistical analysis software	69.1	2.7	7.9	2.7	5.7	7.1	4.7
p) Software to record/manage grades	56.8	1.0	7.0	4.2	14.8	12.9	3.2
q) Modeling or simulations	85.7	1.8	2.9	.8	3.8	2.6	2.4
r) Overhead transparencies	23.1	1.2	9.2	5.7	17.2	24.5	19.1
s) Slides, filmstrips and/or movies	52.3	4.8	12.4	8.1	10.2	8.2	4.0
t) Video and/or audio tape	39.9	5.8	16.3	12.5	15.2	8.5	1.9
u) Digital video and/or audio	81.9	2.7	3.4	3.1	4.0	3.7	1.1
v) Computer-projected presentations	69.4	3.7	7.9	4.3	5.8	5.8	3.0
w) Video conferencing	95.0	2.1	1.4	.4	.4	.7	0
x) 3-D modeling	92.5	.6	2.0	1.0	1.4	2.0	.7
y) Computer-generated animat/graphics	84.8	1.8	1.9	2.1	3.6	3.9	1.9
z) Other (specify):	80.1	0	2.0	0	4.1	5.1	8.7

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

	Yes	No	Don't know	N
a) Peer Review (collaboration tool)	3.3	93.5	3.2	
b) WebQ (survey/quiz generator)	5.4	92.0	2.7	
c) Epost (discussion board)	7.0	90.1	2.9	
d) Umail (feedback form)	3.6	93.4	2.9	
e) E-submit (assignment turn-in)	2.3	95.0	2.7	
f) Web Templates (course webpage)	12.9	84.3	2.8	
* <u>Any</u> Catalyst tool (derived from items a-f)	21.3	78.7	--	785

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.	54.5	l) There is no incentive (e.g., leave time, contribution toward tenure, financial).	32.4
b) I don't have the necessary skills.	47.5	m) I'm not convinced it would improve student learning.	34.9
c) I don't know how to get access.	19.0	n) Students may not be proficient.	12.5
d) I need upgraded hardware.	30.2	o) It's too much trouble.	27.3
e) I don't have adequate development tools.	18.0	p) It costs too much.	6.1
f) The applications and media I want to use don't run on machines in the classrooms.	22.3	q) Other (specify):	4.6
g) I don't have technical support in my department.	20.3	1 <sup>st</sup> highest concern: TIME: _____ 30%	
h) I don't have on-site (e.g., classroom, lab) support.	22.5	SKILLS: _____ 16%	
i) I don't have pedagogical support.	13.0	2 <sup>nd</sup> highest concern: SKILLS: _____ 18%	
j) I'm not sure how to legally use copyrighted materials.	11.7	TIME: _____ 15%	
k) I'm concerned about losing my own intellectual property rights.	12.0	3 <sup>rd</sup> highest concern: TIME: _____ 11%	
		STUDENT LEARNING: _____ 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	8.7	21.0	31.6	36.0	2.7
b) Facilitate class discussions	23.9	35.8	23.8	11.3	5.1
c) Post student work	31.2	30.6	20.2	11.3	6.7
d) Access on-line course reserves	16.3	21.7	34.3	19.9	7.8
e) Gather information via on-line quizzes or surveys	36.8	30.9	21.1	5.7	5.5
f) Manage course grades	36.8	19.2	26.1	12.0	5.8
g) Submit final course grades	19.7	17.9	53.1	3.3	5.9
h) Access on-line materials archives	10.7	19.2	41.7	21.7	6.7
i) Conduct simulations or visualizations	41.8	18.5	24.4	5.7	9.6
j) Conduct research	18.3	16.4	22.9	38.2	4.2
k) Use Geographical Information System (GIS) or other spatial display of information	56.4	11.8	11.5	4.4	15.9
l) Present work to other people at the UW	28.3	29.0	15.7	16.3	10.7
m) Present work to other people around the world	21.9	27.2	19.8	21.5	9.6
n) Facilitate collaboration with people at the UW	21.9	30.4	21.6	17.5	8.5
o) Facilitate collaboration with people around the world	20.5	29.3	23.0	19.4	7.7
p) Perform compositions, dances, or other music/art activities	81.6	4.5	5.5	.9	7.6
q) Other (specify):	70.7	0	11.0	6.1	12.2

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	1.3	8.2	37.1	52.5	.8
b) Audio/video clips, animation, or slides	25.0	22.3	33.1	15.3	4.3
c) Videoconferencing	63.7	16.8	8.7	1.4	9.4
d) Streaming video	52.8	15.7	14.9	1.8	14.8
e) Computer simulations	45.9	18.1	18.0	8.1	9.9
f) Multimedia presentations as class assignments	40.4	24.4	22.6	4.8	7.8
g) Textual analysis programs (e.g., Atlas)	52.1	9.9	7.8	1.1	29.1
h) Other (specify):	71.1	1.3	6.6	0	21.1

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

Resource	N	%
Nowhere	38	4.8
Colleague/Faculty/Friend	85	10.8
Department/Office	204	26.0
UW resource/Catalyst	78	9.9
Web resource	14	1.8
Other	26	3.3
No Answer (missing)	340	43.3

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

Service	N	%
Improve access	83	22.5
Improve support	125	33.9
Workshops/courses	73	19.8
Improve classroom capabilities	55	14.9

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

Skill	N	%
Use email	118	32.3
Use word processing software	153	41.9
Have Web access	162	44.4
Use database or spreadsheet software	55	15.1

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

Skill	N	%
Use email	49	15.2
Use word processing software	73	22.6
Have Web access	119	36.8
Use database or spreadsheet software	68	21.1

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	59	21.2
Computer labs with assistance	67	24.1
Instruction/workshops	66	23.7
Programs define/require skills courses	39	14.0

## 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	2.0	l) Laptop hook-up on podium	44.6
b) Overhead projector (for transparencies)	83.4	m) Multi-media (computer) projector	44.5
c) Television	39.7	n) Other (specify):	5.0
d) VCR	61.8	1st most preferred: OVERHEADS	54%
e) Video disc player	8.0	MULTIMEDIA	12%
f) DVD	12.6	2nd most preferred: VCR	21%
g) Film projector	12.5	LAPTOP HOOKUP	14%
h) Slide projector	36.8	3rd most preferred: VCR	19%
i) Audio tape player	21.8	MULTIMEDIA	16%
j) CD player	23.9		
k) Permanent computer at podium	38.0		

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

Resource	N	%
Computer access	123	39.7
Multimedia	158	51.0
Personal help	1	.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	166	23.5	58	91	81	65	<u>MALFUNCTION: n=29</u>
b) laboratories	217	40.3	108	63	76	128	<u>MALFUNCTION: n=5</u>

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

Small (<30): 50.1%      Intermediate (30-80): 40.0%      Large (80-200): 30.4%      Very large (200+): 20.9%