



Faculty Survey on Instructional Technology 2001: College of Arts & Sciences – Social Sciences Frequencies

About You

Survey Mode:	N	%
Online	70	33.2
Paper	141	66.8

2. Rank:	N	%
1) Full Professor	61	29.0
2) Associate Professor	33	15.7
3) Assistant Professor	28	13.3
4) Instructor	12	5.7
5) Lecturer	16	7.6
6) Teaching Assistant	52	24.8
7) Other (specify):	8	3.8
TOTAL	210	

3. Are you tenured?	N	%
No	114	55.1
Yes	93	44.9

4. Current appointment:	N	%
a. 1) Part-time	52	27.4
2) Full-time	138	72.6
TOTAL	190	
b. 1) Regular	38	71.7
2) Adjunct	5	9.4
3) Temporary	10	18.9
TOTAL	53	

5. Do you serve in an administrative capacity?

	N	%
1) No	171	91.0
2) Yes, Dean	1	0.5
Yes, Chair/Chief	10	5.3
Yes, Director	5	2.7
Yes, Other	1	0.5
TOTAL	188	

6. Highest degree

	N	%
BS/BA	16	7.9
MS/MS	45	22.3
JD	1	0.5
PhD/EdD	133	65.8
Other	7	3.5
TOTAL	202	

Year received highest degree

	N	%
thru 1969	13	9.8
1970s	32	24.2
1980s	16	12.1
1990-94	16	12.1
1995+	55	41.7
TOTAL	132	

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	1.3	124	1.6	76	1.1	16	2.4	131
Discussion seminars	1.2	51	1.2	27	1.0	11	1.7	35
Other (e.g., lab, practicum):	1.7	85	1.1	16	0.8	3	1.9	40

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	
0.5	6.7	55.3	30.8	6.7	208

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.	5.2	1 st most preferred:	<u>EXPLORING</u> 33%
b) Workshops	41.7		<u>COLLEAGUES</u> 20%
c) On-line computer classes	20.9	2 nd most preferred:	<u>COLLEAGUES</u> 33%
d) Books, journals, tutorials	41.2		<u>WORKSHOPS</u> 14%
e) Exploring, experimenting	66.8	3 rd most preferred:	<u>COLLEAGUES</u> 20%
f) Help from colleagues, friends, family	74.9		<u>BOOKS</u> 18%
g) Telephone consultants	16.6		
h) Local technical support	51.7		
i) Conferences in your discipline	9.0		
j) Other (specify): _____	0.7		

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	6.3	0.0	0.5	1.0	3.8	5.3	83.2	208
b) Classroom	60.4	5.7	9.9	1.6	7.3	8.9	6.3	192
c) Home	3.8	0.5	0.0	1.0	1.9	17.8	75.0	208
d) While traveling	24.6	5.2	29.8	5.2	3.7	15.7	15.7	191
e) Other (specify): _____	30.8	3.8	3.8	0.0	11.5	23.1	26.9	26

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)	79.6	35.2	30.2	34.6	168
b) Macintosh (MAC)	18.0	12.2	24.4	63.4	38
c) Unix Workstation	5.2	38.5	38.5	23.1	11
d) Printer	82.5	22.2	30.2	47.5	174
e) Scanner	36.5	28.8	36.4	34.8	77
f) Drives, diskettes, etc. for file back-up	64.0	37.7	29.8	32.5	135
g) Digital camera	8.1	37.5	43.8	18.8	17
h) Other (specify): _____	1.9	20.0	20.0	60.0	4

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

	at the UW?	at home?	while traveling?	N
a) None	0.5	3.8	14.2	211
b) I don't know what kind of connection I use.	5.7	0.9	1.4	211
c) Campus network	91.0	14.7	5.7	211
d) Regular modem	2.4	63.5	36.5	211
e) Cable modem	1.9	11.8	0.0	211
f) Digital Subscriber Line (DSL) modem	1.4	4.7	0.5	211
g) Wireless	0.0	0.0	0.5	211
h) Other (specify): _____	0.0	0.9	2.4	211

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	19.0	29.8	26.3	21.0	3.9	205
b) reliability	5.9	24.9	38.0	27.3	3.9	205

14. Do you ...

	No	Yes	N
a) have exclusive use of a computer at the UW?	27.5	72.5	211
b) communicate with email at work?	2.8	97.2	211
c) communicate with email at home?	11.4	88.6	211
d) have a non-UW email account?	38.8	61.2	209
e) transfer files between work and home?	15.5	84.5	207

If yes, which method do you use most often? (N=178)

1) 3.5" floppy:	47.8%	4) Other high capacity disk	0.6%	7) FTP (Fetch, WS-FTP)	18.5%
2) ZIP disk:	15.2	5) CD burner	0.0	8) Other (specify):	2.8
3) Jazz disk	0.0	6) Email attachment	15.2		

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	1.9	.5		.5	5.3	16.4	75.4
b) Spreadsheet (e.g., Excel)	26.1	3.4	9.9	5.9	22.2	23.2	9.4
c) Presentation (e.g., PowerPoint)	53.3	8.1	16.2	6.1	5.6	4.6	6.1
d) Email (e.g., Pine, Outlook, Eudora)	2.4	0.0	.5	1.9	1.0	6.3	87.9
e) Calendar/scheduling	65.8	.5	2.6	2.6	3.6	7.8	17.1
f) Internet/Web access (e.g, Navigator)	5.9	0.0	.5	3.0	6.4	20.2	64.0
g) Web (HTML) editors (e.g., Frontpage)	56.1	4.1	10.2	3.1	9.2	14.8	2.6
h) Catalyst web-based tools	77.9	4.2	8.9	2.6	2.6	3.2	.5
i) Courseware (e.g., WebCT, Blackboard)	97.4	.5	.5	0.0	0.0	1.6	0.0
j) Publishing (e.g., Acrobat, PageMaker)	51.3	4.1	10.8	6.7	12.8	12.3	2.1
k) Graphics (e.g., Photoshop)	63.3	5.1	8.7	6.1	8.2	8.2	.5
l) Multimedia authoring software	92.2	1.0	1.6	1.6	3.6	0.0	0.0
m) Database (e.g., ACCESS, FileMaker)	71.6	1.5	9.8	4.6	4.1	4.6	3.6
n) Video editing software	95.3	0.0	3.1	.5	.5	.5	0.0
o) Statistical analysis software	54.5	2.5	11.1	5.6	7.6	11.1	7.6
p) Software to record/manage grades	56.7	0.0	5.6	4.4	20.6	11.1	1.7
q) Modeling or simulations	90.7	.5	1.5	1.5	3.6	1.0	1.0
r) Overhead transparencies	16.2	.5	3.6	5.1	20.3	33.0	21.3
s) Slides, filmstrips and/or movies	47.7	3.1	11.3	11.8	12.8	9.7	3.6
t) Video and/or audio tape	35.7	3.6	16.3	16.8	18.4	9.2	0.0
u) Digital video and/or audio	87.7	0.0	3.7	3.7	3.2	1.6	0.0
v) Computer-projected presentations	76.6	3.1	5.7	3.1	4.7	2.6	4.2
w) Video conferencing	97.9	1.0	1.0	0.0	0.0	0.0	0.0
x) 3-D modeling	97.4	0.0	1.6	.5	.5	0.0	0.0
y) Computer-generated animat/graphics	94.3	0.0	0.0	1.6	2.1	2.1	0.0
z) Other (specify):	89.3	0.0	0.0	0.0	1.8	3.6	5.4

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

	Yes	No	Don't know	N
a) Peer Review (collaboration tool)	6.9	89.1	4.0	202
b) WebQ (survey/quiz generator)	4.0	92.0	4.0	199
c) Epost (discussion board)	9.9	86.7	3.4	203
d) Umail (feedback form)	5.0	91.0	4.0	199
e) E-submit (assignment turn-in)	3.5	92.4	4.0	198
f) Web Templates (course webpage)	14.2	82.2	3.6	197
* <u>Any</u> Catalyst tool (derived from items a-f)	24.2	75.8	--	211

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.	59.7	l) There is no incentive (e.g., leave time, contribution toward tenure, financial).	40.8
b) I don't have the necessary skills.	55.0	m) I'm not convinced it would improve student learning.	35.5
c) I don't know how to get access.	18.5	n) Students may not be proficient.	13.3
d) I need upgraded hardware.	28.9	o) It's too much trouble.	31.8
e) I don't have adequate development tools.	17.5	p) It costs too much.	4.3
f) The applications and media I want to use don't run on machines in the classrooms.	21.8	q) Other (specify):	3.8
g) I don't have technical support in my department.	22.7	1 st highest concern: <u>TIME</u>	28%
h) I don't have on-site (e.g., classroom, lab) support.	28.0	<u>SKILLS</u>	17%
i) I don't have pedagogical support.	9.5	2 nd highest concern: <u>SKILLS</u>	18%
j) I'm not sure how to legally use copyrighted materials.	10.9	<u>TIME</u>	16%
k) I'm concerned about losing my own intellectual property rights.	20.4	3 rd highest concern: <u>TIME</u>	12%
		<u>STUDENT LRN.</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	7.4	17.8	36.6	35.6	2.5
b) Facilitate class discussions	18.1	34.7	30.2	13.1	4.0
c) Post student work	25.1	37.2	22.1	12.1	3.5
d) Access on-line course reserves	11.0	16.0	39.5	30.5	3.0
e) Gather information via on-line quizzes or surveys	34.5	30.5	22.8	7.1	5.1
f) Manage course grades	43.5	18.0	28.5	4.5	5.5
g) Submit final course grades	22.4	18.9	53.2	.5	5.0
h) Access on-line materials archives	9.2	15.3	44.4	26.0	5.1
i) Conduct simulations or visualizations	46.6	17.6	23.8	2.1	9.8
j) Conduct research	14.9	18.9	22.4	40.8	3.0
k) Use Geographical Information System (GIS) or other spatial display of information	46.4	16.0	17.0	5.7	14.9
l) Present work to other people at the UW	27.0	29.6	16.3	15.8	11.2
m) Present work to other people around the world	19.8	29.9	19.8	20.3	10.2
n) Facilitate collaboration with people at the UW	21.9	30.1	23.5	16.3	8.2
o) Facilitate collaboration with people around the world	17.7	30.3	24.2	18.2	9.6
p) Perform compositions, dances, or other music/art activities	87.9	4.7	1.6	.5	5.3
q) Other (specify):	77.8	0.0	7.4	3.7	11.1

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	1.0	7.8	36.1	54.6	.5
b) Audio/video clips, animation, or slides	28.7	20.3	26.7	16.8	7.4
c) Videoconferencing	63.2	15.4	7.5	1.0	12.9
d) Streaming video	56.9	14.2	11.7	2.5	14.7
e) Computer simulations	51.2	17.4	14.4	3.0	13.9
f) Multimedia presentations as class assignments	37.3	25.4	24.9	2.0	10.4
g) Textual analysis programs (e.g., Atlas)	43.4	14.3	10.7	1.5	30.1
h) Other (specify):	65.2	0.0	0.0	0.0	34.8

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

Resource	N	%
Nowhere	16	7.6
Colleague/Faculty/Friend	13	6.2
Department/Office	51	24.2
UW resource/Catalyst	32	15.2
Web resource	2	0.9
Other	7	3.3
No Answer (missing)	90	42.7

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

Service	N	%
Improve access	17	18.1
Improve support	35	37.2
Workshops/courses	19	20.2
Improve classroom capabilities	17	18.1

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

Skill	N	%
Use email	36	36.7
Use word processing software	39	39.8
Have Web access	45	45.9
Use database or spreadsheet software	20	20.4

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

Skill	N	%
Use email	12	13.8
Use word processing software	23	26.4
Have Web access	35	40.2
Use database or spreadsheet software	22	25.3

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	10	14.1
Computer labs with assistance	16	22.5
Instruction/workshops	17	23.9
Programs define/require skills courses	17	23.9

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	0.5	l) Laptop hook-up on podium	45.5
b) Overhead projector (for transparencies)	91.9	m) Multi-media (computer) projector	41.7
c) Television	48.3	n) Other (specify):	3.3
d) VCR	72.0	1st most preferred:	<u>OVERHEADS</u> 63%
e) Video disc player	5.2		<u>COMPUTER</u> 10%
f) DVD	8.5	2nd most preferred:	<u>VCR</u> 27%
g) Film projector	20.4		<u>TV</u> 15%
h) Slide projector	34.6	3rd most preferred:	<u>VCR</u> 25%
i) Audio tape player	13.7		<u>MULTI-MEDIA</u> 13%
j) CD player	16.1		
k) Permanent computer at podium	41.7		

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

Resource	N	%
Computer access	34	41.5
Multimedia	38	46.3
Personal help	0	0.0

27. UW currently maintains ten general-access multi-media classrooms (permanent computer at podium with projection capabilities), and two 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	46	24.1	10 (25.6)	29 (74.4)	21 (50.0)	21 (50.0)
b) laboratories	67	47.5	28 (65.1)	15 (34.9)	23 (39.0)	36 (61.0)

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

Small (<30): 45.0% Intermediate (30-80): 39.8% Large (80-200): 30.3% Very large (200+): 20.4%