



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

### About You

<b>Survey Mode:</b>	N	%
Online	17	21.8
Paper	61	78.2

<b>2. Rank:</b>	N	%
1) Full Professor	19	24.4
2) Associate Professor	11	14.1
3) Assistant Professor	8	10.3
4) Instructor	3	3.8
5) Lecturer	9	11.5
6) Teaching Assistant	23	29.5
7) Other (specify):	5	6.4
TOTAL	78	

<b>3. Are you tenured?</b>	N	%
No	46	61.3
Yes	29	38.7

<b>4. Current appointment:</b>	N	%
a. 1) Part-time	24	35.3
2) Full-time	44	64.7
TOTAL	68	
b. 1) Regular	10	55.6
2) Adjunct	2	11.1
3) Temporary	6	33.3
TOTAL	10	

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

	N	%
1) No	56	81.2
2) Yes, Dean	0	0.0
Yes, Chair/Chief	4	5.8
Yes, Director	3	4.3
Yes, Other	6	8.7
TOTAL	69	

**6. Highest degree**

	N	%
BS/BA	7	10.4
MS/MS	32	47.8
PhD/EdD	16	23.9
Other	12	17.9
TOTAL	67	

**Year received highest degree**

	N	%
thru 1969	4	8.2
1970s	14	28.6
1980s	11	22.4
1990-94	3	6.1
1995+	17	34.7
TOTAL	49	

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	174	2.0	46	1.3	11	2.3	107
Discussion seminars	1.5	50	1.3	17	1.6	14	1.7	22
Other (e.g., lab, practicum):	2.7	77	2.3	30	2.9	28	3.8	71

### 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	
2.6	19.5	50.6	20.8	6.5	77

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.	7.7	1 <sup>st</sup> most preferred:	<u>COLLEAGUES 33%</u>
b) Workshops	42.3		<u>EXPLORING 19%</u>
c) On-line computer classes	16.7		
d) Books, journals, tutorials	35.9	2 <sup>nd</sup> most preferred:	<u>COLLEAGUES 28%</u>
e) Exploring, experimenting	70.5		<u>EXPLORING 22%</u>
f) Help from colleagues, friends, family	78.2	3 <sup>rd</sup> most preferred:	<u>EXPLORING 18%</u>
g) Telephone consultants	14.1		<u>COLLEAGUES 18%</u>
h) Local technical support	42.3		<u>LOCAL SUPP. 18%</u>
i) Conferences in your discipline	16.7		
j) Other (specify): _____	6.5		

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	6.7	0.0	2.7	0.0	2.7	13.3	74.7	78
b) Classroom	63.9	1.6	11.5	3.3	0.0	13.1	6.6	61
c) Home	2.7	2.7	1.4	2.7	5.4	13.5	71.6	74
d) While traveling	40.3	11.3	22.6	3.2	1.6	12.9	8.1	62
e) Other (specify): _____	75.0	0.0	0.0	0.0	0.0	12.5	12.5	8

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)	52.6	23.7	23.7	52.6	41
b) Macintosh (MAC)	56.4	24.3	21.6	54.1	44
c) Unix Workstation	11.5	28.6	28.6	42.9	9
d) Printer	71.8	9.3	22.2	68.5	56
e) Scanner	28.2	21.1	31.6	47.4	22
f) Drives, diskettes, etc. for file back-up	44.9	24.1	24.1	51.7	35
g) Digital camera	15.4	61.5	23.1	15.4	12
h) Other (specify): _____	2.6	50.0	0.0	50.0	2

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

	at the UW?	at home?	while traveling?	N
a) None	5.1	3.8	20.5	78
b) I don't know what kind of connection I use.	11.5	3.8	5.1	78
c) Campus network	69.2	11.5	2.6	78
d) Regular modem	10.3	67.9	24.4	78
e) Cable modem	2.6	11.5	1.3	78
f) Digital Subscriber Line (DSL) modem	0.0	2.6	0.0	78
g) Wireless	0.0	1.3	1.3	78
h) Other (specify): _____	0.0	0.0	0.0	78

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	10.8	34.2	32.9	17.1	5.3	76
b) reliability	5.2	28.6	41.6	19.5	5.2	77

14. Do you ...

	No	Yes	N
a) have exclusive use of a computer at the UW?	46.2	53.8	78
b) communicate with email at work?	2.6	97.4	76
c) communicate with email at home?	6.5	93.5	77
d) have a non-UW email account?	39.7	60.3	78
e) transfer files between work and home?	29.9	70.1	77

If yes, which method do you use most often? (N=58)

1) 3.5" floppy:	50.0%	4) Other high capacity disk	0.0%	7) FTP (Fetch, WS-FTP)	13.8%
2) ZIP disk:	22.4	5) CD burner	0.0	8) Other (specify):	0.0
3) Jazz disk	0.0	6) Email attachment	13.8		

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	3.8	0.0	3.8	6.4	10.3	30.8	44.9
b) Spreadsheet (e.g., Excel)	54.1	6.8	6.8	6.8	13.5	9.5	2.7
c) Presentation (e.g., PowerPoint)	89.0	2.7	4.1	0.0	1.4	2.7	0.0
d) Email (e.g., Pine, Outlook, Eudora)	5.3	0.0	1.3	1.3	3.9	10.5	77.6
e) Calendar/scheduling	61.4	1.4	4.3	1.4	10.0	7.1	14.3
f) Internet/Web access (e.g, Navigator)	12.2	0.0	4.1	1.4	10.8	23.0	48.6
g) Web (HTML) editors (e.g., Frontpage)	71.6	1.4	4.1	4.1	10.8	4.1	4.1
h) Catalyst web-based tools	94.5	0.0	1.4	2.7	1.4	0.0	0.0
i) Courseware (e.g., WebCT, Blackboard)	98.6	0.0	0.0	0.0	1.4	0.0	0.0
j) Publishing (e.g., Acrobat, PageMaker)	73.3	1.3	2.7	10.7	6.7	1.3	4.0
k) Graphics (e.g., Photoshop)	59.5	6.8	6.8	6.8	9.5	6.8	4.1
l) Multimedia authoring software	90.1	1.4	2.8	2.8	0.0	1.4	1.4
m) Database (e.g., ACCESS, FileMaker)	77.0	2.7	5.4	2.7	6.8	4.1	1.4
n) Video editing software	85.1	4.1	6.8	0.0	1.4	1.4	1.4
o) Statistical analysis software	97.3	1.4	0.0	0.0	1.4	0.0	0.0
p) Software to record/manage grades	84.9	1.4	2.7	2.7	4.1	4.1	0.0
q) Modeling or simulations	93.2	2.7	1.4	0.0	0.0	1.4	1.4
r) Overhead transparencies	64.0	4.0	12.0	4.0	9.3	4.0	2.7
s) Slides, filmstrips and/or movies	45.5	5.2	10.4	1.3	13.0	13.0	11.7
t) Video and/or audio tape	26.3	2.6	21.1	11.8	22.4	11.8	3.9
u) Digital video and/or audio	61.6	2.7	2.7	4.1	13.7	11.0	4.1
v) Computer-projected presentations	86.5	2.7	2.7	0.0	2.7	4.1	1.4
w) Video conferencing	98.6	0.0	0.0	0.0	0.0	1.4	0.0
x) 3-D modeling	94.4	1.4	2.8	0.0	1.4	0.0	0.0
y) Computer-generated animat/graphics	90.5	2.7	0.0	2.7	1.4	1.4	1.4
z) Other (specify):	86.4	0.0	0.0	0.0	4.5	9.1	0.0

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

	Yes	No	Don't know	N
a) Peer Review (collaboration tool)	0.0	94.7	5.3	75
b) WebQ (survey/quiz generator)	2.6	92.1	5.3	76
c) Epost (discussion board)	0.0	94.7	5.3	76
d) Umail (feedback form)	1.3	93.4	5.3	76
e) E-submit (assignment turn-in)	1.3	94.7	3.9	76
f) Web Templates (course webpage)	9.3	88.0	2.7	75
* <u>Any</u> Catalyst tool (derived from items a-f)	9.0	91.0	--	78

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.	48.7	l) There is no incentive (e.g., leave time, contribution toward tenure, financial).	38.5
b) I don't have the necessary skills.	50.0	m) I'm not convinced it would improve student learning.	28.2
c) I don't know how to get access.	20.5	n) Students may not be proficient.	6.4
d) I need upgraded hardware.	39.7	o) It's too much trouble.	20.5
e) I don't have adequate development tools.	20.5	p) It costs too much.	12.8
f) The applications and media I want to use don't run on machines in the classrooms.	21.8	q) Other (specify):	6.4
g) I don't have technical support in my department.	15.4	1 <sup>st</sup> highest concern: <u>SKILLS</u>	23%
h) I don't have on-site (e.g., classroom, lab) support.	17.9	<u>TIME</u>	22%
i) I don't have pedagogical support.	15.4	2 <sup>nd</sup> highest concern: <u>SKILLS</u>	18%
j) I'm not sure how to legally use copyrighted materials.	10.3	<u>TIME</u>	15%
k) I'm concerned about losing my own intellectual property rights.	6.4	<u>HARDWARE</u>	15%
		3 <sup>rd</sup> highest concern: <u>HARDWARE</u>	13%
		<u>NO INCENTIVE</u>	13%
		<u>STUDENT LEARNING</u>	13%
		<u>TOO MUCH TROUBLE</u>	13%

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	22.5	18.3	36.6	18.3	4.2
b) Facilitate class discussions	38.0	32.4	16.9	8.5	4.2
c) Post student work	42.0	18.8	24.6	7.2	7.2
d) Access on-line course reserves	26.5	22.1	27.9	7.4	16.2
e) Gather information via on-line quizzes or surveys	49.3	29.0	11.6	4.3	5.8
f) Manage course grades	40.6	23.2	29.0	0.0	7.2
g) Submit final course grades	24.3	12.9	54.3	1.4	7.1
h) Access on-line materials archives	17.4	18.8	44.9	10.1	8.7
i) Conduct simulations or visualizations	52.3	12.3	18.5	0.0	16.9
j) Conduct research	21.1	14.1	31.0	28.2	5.6
k) Use Geographical Information System (GIS) or other spatial display of information	66.7	3.2	7.9	3.2	19.0
l) Present work to other people at the UW	31.4	27.1	17.1	10.0	14.3
m) Present work to other people around the world	14.5	29.0	27.5	15.9	13.0
n) Facilitate collaboration with people at the UW	25.0	32.4	22.1	14.7	5.9
o) Facilitate collaboration with people around the world	19.1	29.4	27.9	14.7	8.8
p) Perform compositions, dances, or other music/art activities	39.7	14.7	33.8	2.9	8.8
q) Other (specify):	50.0	0.0	12.5	12.5	25.0

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	4.0	9.3	49.3	37.3	0.0
b) Audio/video clips, animation, or slides	16.7	16.7	52.8	12.5	1.4
c) Videoconferencing	62.3	18.8	14.5	0.0	4.3
d) Streaming video	47.1	14.3	21.4	1.4	15.7
e) Computer simulations	58.8	14.7	16.2	0.0	10.3
f) Multimedia presentations as class assignments	31.0	29.6	26.8	4.2	8.5
g) Textual analysis programs (e.g., Atlas)	55.2	10.4	6.0	0.0	28.4
h) Other (specify):	71.4	0.0	7.1	0.0	21.4

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

Resource	N	%
Nowhere	4	5.1
Colleague/Faculty/Friend	9	11.5
Department/Office	28	35.9
UW resource/Catalyst	5	6.4
Web resource	2	2.6
Other	2	2.6
No Answer (missing)	28	35.9

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

Service	N	%
Improve access	16	30.8
Improve support	15	28.8
Workshops/courses	10	19.2
Improve classroom capabilities	3	5.8

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

Skill	N	%
Use email	11	26.2
Use word processing software	15	35.7
Have Web access	11	26.2
Use database or spreadsheet software	0	0.0

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

Skill	N	%
Use email	2	5.4
Use word processing software	3	8.1
Have Web access	8	21.6
Use database or spreadsheet software	3	8.1

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	2	5.1
Computer labs with assistance	6	15.4
Instruction/workshops	5	12.8
Programs define/require skills courses	3	7.7

## 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	2.6	l) Laptop hook-up on podium	33.3
b) Overhead projector (for transparencies)	55.1	m) Multi-media (computer) projector	32.1
c) Television	39.7	n) Other (specify):	11.5
d) VCR	74.4	1st most preferred: <u>CD PLAYER</u>	31%
e) Video disc player	19.2	<u>SLIDES</u>	28%
f) DVD	20.5	2nd most preferred: <u>VCR</u>	24%
g) Film projector	9.0	<u>AUDIO TAPE</u>	18%
h) Slide projector	51.3	3rd most preferred: <u>VCR</u>	32%
i) Audio tape player	50.0	<u>OVERHEADS</u>	13%
j) CD player	57.7	<u>AUDIO TAPE</u>	13%
k) Permanent computer at podium	23.1		

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

Resource	N	%
Computer access	15	42.9
Multimedia	22	62.9
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	13	18.1	6 (46.2)	7 (53.9)	5 (55.6)	4 (44.4)
b) collaboratories	19	32.8	8 (57.1)	6 (42.9)	7 (41.2)	10 (58.8)

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

Small (<30): 56.4%      Intermediate (30-80): 21.8%      Large (80-200): 16.7%      Very large (200+): 15.4%