



Faculty Survey on Instructional Technology 2001: The Daniel J. Evans School of Public Affairs Frequencies

About You

Survey Mode:	N	%
Online	4	33.3
Paper	8	66.7

2. Rank:	N	%
1) Full Professor	4	33.3
2) Associate Professor	3	25.0
3) Assistant Professor	2	16.7
4) Instructor	0	0.0
5) Lecturer	1	8.3
6) Teaching Assistant	0	0.0
7) Other (specify):	2	16.7
TOTAL	12	

3. Are you tenured?	N	%
No	7	58.3
Yes	5	41.7

4. Current appointment:	N	%
a. 1) Part-time	2	18.2
2) Full-time	9	81.8
TOTAL	11	
b. 1) Regular	3	75.0
2) Adjunct	0	0.0
3) Temporary	1	25.0
TOTAL	4	

5. Do you serve in an administrative capacity?

	N	%
1) No	6	75.0
2) Yes, Dean	0	0.0
Yes, Chair/Chief	0	0.0
Yes, Director	0	0.0
Yes, Other	2	25.0
TOTAL	8	

6. Highest degree

	N	%
BS/BA	1	10.0
MS/MS	1	10.0
JD	0	0.0
PhD/EdD	7	70.0
Other	1	10.0
TOTAL	10	

Year received highest degree

	N	%
thru 1969	0	0.0
1970s	2	33.3
1980s	1	16.7
1990-94	2	33.3
1995+	1	16.7
TOTAL	6	

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	-	-	-	-	2.3	87	2.3	87
Discussion seminars	-	-	-	-	1.0	23	1.0	23
Other (e.g., lab, practicum):	-	-	-	-	1.0	1	1.0	1

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	8.3	50.0	41.7	0.0	12

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>COLLEAGUES</u> 50% <u>EXPLORING</u> 25%
b) Workshops	33.3	
c) On-line computer classes	0.0	2 nd most preferred: <u>EXPLORING</u> 36% <u>BOOKS</u> 18% <u>COLLEAGUES</u> 18%
d) Books, journals, tutorials	41.7	
e) Exploring, experimenting	100.0	
f) Help from colleagues, friends, family	91.7	3 rd most preferred: <u>LOCAL SUPP.</u> 46% <u>EXPLORING</u> 27%
g) Telephone consultants	25.0	
h) Local technical support	66.7	
i) Conferences in your discipline	0.0	
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	12
b) Classroom	37.5	25.0	37.5	0.0	0.0	0.0	0.0	8
d) Home	0.0	0.0	0.0	0.0	25.0	8.3	66.7	12
e) While traveling	0.0	18.2	27.3	18.2	9.1	0.0	27.3	11
d) Other (specify): _____	0.0	0.0	0.0	0.0	50.0	0.0	50.0	2

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)	75.0	55.6	22.2	22.2	9
b) Macintosh (MAC)	33.3	75.0	25.0	0.0	4
c) Unix Workstation	8.3	0.0	0.0	100.0	1
d) Printer	100.0	36.4	36.4	27.3	12
e) Scanner	33.3	100.0	0.0	0.0	4
f) Drives, diskettes, etc. for file back-up	58.3	60.0	0.0	40.0	7
g) Digital camera	0.0	-	-	-	0
h) Other (specify): _____	8.3	100.0	0.0	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	0.0	16.7	12
b) I don't know what kind of connection I use.	8.3	8.3	16.7	12
c) Campus network	91.7	8.3	8.3	12
d) Regular modem	0.0	41.7	25.0	12
e) Cable modem	0.0	16.7	0.0	12
f) Digital Subscriber Line (DSL) modem	0.0	25.0	0.0	12
g) Wireless	0.0	0.0	8.3	12
h) Other (specify): _____	0.0	0.0	0.0	12

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	8.3	25.0	25.0	41.7	0.0	12
b) reliability	0.0	27.3	45.5	27.3	0.0	11

14. Do you ...

	No	Yes	N
a) have exclusive use of a computer at the UW?	0.0	100.0	12
b) communicate with email at work?	0.0	100.0	12
c) communicate with email at home?	8.3	91.7	12
d) have a non-UW email account?	33.3	66.7	12
e) transfer files between work and home?	16.7	83.3	12

If yes, which method do you use most often? (N=10)

1) 3.5" floppy:	40.0%	4) Other high capacity disk	0.0%	7) FTP (Fetch, WS-FTP)	0.0%
2) ZIP disk:	20.0	5) CD burner	0.0	8) Other (specify):	0.0
3) Jazz disk	0.0	6) Email attachment	40.0		

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	0.0	0.0	0.0	8.3	41.7	50.0
b) Spreadsheet (e.g., Excel)	25.0	8.3	0.0	8.3	25.0	8.3	25.0
c) Presentation (e.g., PowerPoint)	8.3	0.0	41.7	16.7	8.3	8.3	16.7
d) Email (e.g., Pine, Outlook, Eudora)	0.0	0.0	0.0	0.0	8.3	16.7	75.0
e) Calendar/scheduling	50.0	0.0	0.0	0.0	0.0	0.0	50.0
f) Internet/Web access (e.g, Navigator)	0.0	0.0	0.0	0.0	16.7	16.7	66.7
g) Web (HTML) editors (e.g., Frontpage)	58.3	0.0	8.3	8.3	8.3	0.0	16.7
h) Catalyst web-based tools	80.0	0.0	0.0	0.0	10.0	10.0	0.0
i) Courseware (e.g., WebCT, Blackboard)	100.0	0.0	0.0	0.0	0.0	0.0	0.0
j) Publishing (e.g., Acrobat, PageMaker)	70.0	10.0	0.0	0.0	0.0	10.0	10.0
k) Graphics (e.g., Photoshop)	63.6	0.0	18.2	18.2	0.0	0.0	0.0
l) Multimedia authoring software	100.0	0.0	0.0	0.0	0.0	0.0	0.0
m) Database (e.g., ACCESS, FileMaker)	58.3	0.0	16.7	8.3	0.0	8.3	8.3
n) Video editing software	100.0	0.0	0.0	0.0	0.0	0.0	0.0
o) Statistical analysis software	50.0	8.3	0.0	16.7	8.3	8.3	8.3
p) Software to record/manage grades	72.7	0.0	0.0	18.2	0.0	9.1	0.0
q) Modeling or simulations	90.9	0.0	0.0	0.0	9.1	0.0	0.0
r) Overhead transparencies	18.2	0.0	18.2	0.0	27.3	27.3	9.1
s) Slides, filmstrips and/or movies	72.7	0.0	18.2	0.0	0.0	9.1	0.0
t) Video and/or audio tape	54.5	18.2	18.2	0.0	0.0	9.1	0.0
u) Digital video and/or audio	90.9	0.0	0.0	0.0	9.1	0.0	0.0
v) Computer-projected presentations	66.7	0.0	25.0	8.3	0.0	0.0	0.0
w) Video conferencing	72.7	18.2	0.0	9.1	0.0	0.0	0.0
x) 3-D modeling	100.0	0.0	0.0	0.0	0.0	0.0	0.0
y) Computer-generated animat/graphics	90.9	0.0	0.0	0.0	0.0	0.0	9.1
z) Other (specify):	100.0	0.0	0.0	0.0	0.0	0.0	0.0

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

	Yes	No	Don't know	N
a) Peer Review (collaboration tool)	16.7	83.3	0.0	12
b) WebQ (survey/quiz generator)	0.0	100.0	0.0	12
c) Epost (discussion board)	0.0	100.0	0.0	12
d) Umail (feedback form)	8.3	91.7	0.0	12
e) E-submit (assignment turn-in)	0.0	100.0	0.0	12
f) Web Templates (course webpage)	8.3	91.7	0.0	12
* <u>Any</u> Catalyst tool (derived from items a-f)	16.7	83.3	--	12

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.	50.0	l) There is no incentive (e.g., leave time, contribution toward tenure, financial).	25.0
b) I don't have the necessary skills.	66.7	m) I'm not convinced it would improve student learning.	8.3
c) I don't know how to get access.	0.0	n) Students may not be proficient.	8.3
d) I need upgraded hardware.	0.0	o) It's too much trouble.	8.3
e) I don't have adequate development tools.	16.7	p) It costs too much.	0.0
f) The applications and media I want to use don't run on machines in the classrooms.	16.7	q) Other (specify):	16.7
g) I don't have technical support in my department.	16.7	1 st highest concern: <u>TIME</u>	44%
h) I don't have on-site (e.g., classroom, lab) support.	41.7	<u>SKILLS</u>	33%
i) I don't have pedagogical support.	8.3	2 nd highest concern: <u>SKILLS</u>	38%
j) I'm not sure how to legally use copyrighted materials.	0.0		
k) I'm concerned about losing my own intellectual property rights.	8.3		

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		18.2	36.4	36.4	9.1
b) Facilitate class discussions	10.0	50.0	10.0	20.0	10.0
c) Post student work	9.1	45.5	18.2	9.1	18.2
d) Access on-line course reserves	0.0	27.3	27.3	45.5	0.0
e) Gather information via on-line quizzes or surveys	36.4	54.5	9.1	0.0	0.0
f) Manage course grades	36.4	45.5	18.2	0.0	0.0
g) Submit final course grades	18.2	18.2	54.5	9.1	0.0
h) Access on-line materials archives	0.0	16.7	16.7	58.3	8.3
i) Conduct simulations or visualizations	20.0	60.0	10.0	0.0	10.0
j) Conduct research	9.1	18.2	0.0	72.7	0.0
k) Use Geographical Information System (GIS) or other spatial display of information	18.2	27.3	36.4	9.1	9.1
l) Present work to other people at the UW	9.1	36.4	9.1	45.5	0.0
m) Present work to other people around the world	8.3	33.3	16.7	41.7	0.0
n) Facilitate collaboration with people at the UW	0.0	27.3	9.1	45.5	18.2
o) Facilitate collaboration with people around the world	0.0	33.3	8.3	41.7	16.7
p) Perform compositions, dances, or other music/art activities	80.0	10.0	0.0	0.0	10.0
q) Other (specify):	0.0	100.0	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	9.1	90.9	0.0
b) Audio/video clips, animation, or slides	30.0	40.0	0.0	30.0	0.0
c) Videoconferencing	25.0	33.3	33.3	0.0	8.3
d) Streaming video	50.0	20.0	20.0	0.0	10.0
e) Computer simulations	50.0	30.0	20.0	0.0	0.0
f) Multimedia presentations as class assignments	30.0	30.0	40.0	0.0	0.0
g) Textual analysis programs (e.g., Atlas)	50.0	0.0	10.0	0.0	40.0
h) Other (specify):	0.0	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	1	8.3
Department/Office	5	41.7
UW resource/Catalyst	2	16.7
Web resource	0	0.0
Other	0	0.0
No Answer (missing)	4	33.3

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

Service	N	%
Improve access	0	0.0
Improve support	2	40.0
Workshops/courses	0	0.0
Improve classroom capabilities	0	0.0

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

Skill	N	%
Use email	1	20.0
Use word processing software	2	40.0
Have Web access	2	40.0
Use database or spreadsheet software	1	20.0

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

Skill	N	%
Use email	2	40.0
Use word processing software	0	0.0
Have Web access	0	0.0
Use database or spreadsheet software	0	0.0

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	0	0.0
Computer labs with assistance	1	20.0
Instruction/workshops	1	20.0
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	83.3
b) Overhead projector (for transparencies)	75.0	m) Multi-media (computer) projector	41.7
c) Television	41.7	n) Other (specify):	0.0
d) VCR	75.0	1st most preferred: <u>OVERHEADS</u>	<u>70%</u>
e) Video disc player	0.0	2nd most preferred: <u>COMPUTER</u>	<u>33%</u>
f) DVD	0.0	<u>VCR</u>	<u>22%</u>
g) Film projector	0.0	<u>MULTI-MEDIA</u>	<u>22%</u>
h) Slide projector	25.0	3rd most preferred: <u>LAPTOP HOOKUP</u>	<u>40%</u>
i) Audio tape player	0.0	<u>MULTI-MEDIA</u>	<u>40%</u>
j) CD player	0.0		
k) Permanent computer at podium	50.0		

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

Resource	N	%
Computer access	1	20.0
Multimedia	3	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	1	8.3	1 (33.3)	2 (66.7)	-	-
b) collaboratories	4	36.4	1 (33.3)	2 (66.7)	2 (50.0)	2 (50.0)

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

Small (<30): 50.0% Intermediate (30-80): 41.7% Large (80-200): 25.0% Very large (200+): 25.0%