



Faculty Survey on Instructional Technology 2001: College of Forest Resources Frequencies

About You

Survey Mode:	N	%
Online	13	36.1
Paper	23	63.9

2. Rank:	N	%
1) Full Professor	14	38.9
2) Associate Professor	10	27.8
3) Assistant Professor	3	8.3
4) Instructor	2	5.6
5) Lecturer	2	5.6
6) Teaching Assistant	1	2.8
7) Other (specify):	4	11.1
TOTAL	36	

3. Are you tenured?	N	%
No	14	40.0
Yes	21	60.0

4. Current appointment:	N	%
a. 1) Part-time	5	15.6
2) Full-time	27	84.4
TOTAL	32	
b. 1) Regular	5	71.4
2) Adjunct	0	0.0
3) Temporary	2	28.6
TOTAL	7	

5. Do you serve in an administrative capacity?

	N	%
1) No	23	82.1
2) Yes, Dean	0	0.0
Yes, Chair/Chief	2	7.1
Yes, Director	3	10.7
Yes, Other	0	0.0
TOTAL	28	

6. Highest degree

	N	%
BS/BA	1	2.9
MS/MS	4	11.8
PhD/EdD	29	85.3
Other	0	0.0
TOTAL	34	

Year received highest degree

	N	%
thru 1969	4	20.0
1970s	4	20.0
1980s	7	35.0
1990-94	1	5.0
1995+	4	20.0
TOTAL	20	

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	1.7	131	2.1	54	1.3	23	3.3	123
Discussion seminars	-	-	1.0	23	2.0	24.3	2.0	31.5
Other (e.g., lab, practicum):	2.0	48	1.2	27	1.0	30	1.3	30

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	0.0	50.0	47.2	2.8	36

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.	2.8	1 st most preferred:	<u>EXPLORING</u> 39%
b) Workshops	52.8		<u>COLLEAGUES</u> 25%
c) On-line computer classes	13.9	2 nd most preferred:	<u>COLLEAGUES</u> 39%
d) Books, journals, tutorials	25.0		<u>EXPLORING</u> 22%
e) Exploring, experimenting	80.6	3 rd most preferred:	<u>LOCAL SUPP.</u> 31%
f) Help from colleagues, friends, family	86.1		<u>WORKSHOPS</u> 17%
g) Telephone consultants	19.4		
h) Local technical support	61.1		
i) Conferences in your discipline	5.6		
j) Other (specify): _____	4.2		

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	2.9	0.0	0.0	0.0	0.0	2.9	94.3	35
b) Classroom	9.7	3.2	22.6	0.0	16.1	22.6	25.8	31
d) Home	0.0	2.8	0.0	0.0	2.8	22.2	72.2	36
e) While traveling	3.0	3.0	27.3	15.2	3.0	18.2	30.3	33
d) Other (specify): _____	50.0	0.0	0.0	0.0	0.0	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)	77.8	51.6	16.1	32.3	28
b) Macintosh (MAC)	22.2	12.5	62.5	25.0	8
c) Unix Workstation	11.1	25.0	0.0	75.0	4
d) Printer	80.6	22.6	19.4	58.1	29
e) Scanner	52.8	44.4	27.8	27.8	19
f) Drives, diskettes, etc. for file back-up	66.7	37.0	25.9	37.0	24
g) Digital camera	44.4	80.0	20.0	0.0	16
h) Other (specify): _____	11.1	100.0	0.0	0.0	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	2.8	0.0	11.1	36
b) I don't know what kind of connection I use.	0.0	0.0	5.6	36
c) Campus network	88.9	8.3	0.0	36
d) Regular modem	0.0	69.4	50.0	36
e) Cable modem	0.0	16.7	2.8	36
f) Digital Subscriber Line (DSL) modem	2.8	5.6	0.0	36
g) Wireless	2.8	2.8	0.0	36
h) Other (specify): _____	0.0	2.0	0.0	36

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	22.2	33.3	30.6	13.9	0.0	36
b) reliability	6.3	18.8	37.5	37.5	0.0	32

14. Do you ...

	No	Yes	N
a) have exclusive use of a computer at the UW?	11.1	88.9	36
b) communicate with email at work?	2.8	97.2	36
c) communicate with email at home?	2.8	97.2	36
d) have a non-UW email account?	30.6	69.4	36
e) transfer files between work and home?	8.3	91.7	36

If yes, which method do you use most often? (N=35)

1) 3.5" floppy:	28.6%	4) Other high capacity disk	0.0%	7) FTP (Fetch, WS-FTP)	22.9%
2) ZIP disk:	17.1	5) CD burner	0.0	8) Other (specify):	17.1
3) Jazz disk	0.0	6) Email attachment	14.3		

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	2.8	0.0	2.8	0.0	2.8	8.3	83.3
b) Spreadsheet (e.g., Excel)	2.8	0.0	5.6	0.0	19.4	44.4	27.8
c) Presentation (e.g., PowerPoint)	16.7	2.8	11.1	13.9	16.7	25.0	13.9
d) Email (e.g., Pine, Outlook, Eudora)	0.0	0.0	0.0	0.0	2.9	2.9	94.1
e) Calendar/scheduling	55.6	0.0	2.8	0.0	2.8	5.6	33.3
f) Internet/Web access (e.g, Navigator)	2.9	0.0	2.9	2.9	5.7	17.1	68.6
g) Web (HTML) editors (e.g., Frontpage)	27.8	8.3	16.7	5.6	8.3	19.4	13.9
h) Catalyst web-based tools	66.7	8.3	8.3	2.8	0.0	5.6	8.3
i) Courseware (e.g., WebCT, Blackboard)	97.1	0.0	0.0	2.9	0.0	0.0	0.0
j) Publishing (e.g., Acrobat, PageMaker)	61.1	2.8	2.8	2.8	19.4	8.3	2.8
k) Graphics (e.g., Photoshop)	36.1	0.0	11.1	11.1	16.7	16.7	8.3
l) Multimedia authoring software	85.7	0.0	5.7	2.9	2.9	0.0	2.9
m) Database (e.g., ACCESS, FileMaker)	66.7	0.0	5.6	8.3	11.1	0.0	8.3
n) Video editing software	91.2	0.0	2.9	2.9	0.0	2.9	0.0
o) Statistical analysis software	25.7	8.6	14.3	11.4	20.0	20.0	0.0
p) Software to record/manage grades	30.3	0.0	9.1	3.0	30.3	18.2	9.1
q) Modeling or simulations	65.7	2.9	11.4	0.0	8.6	5.7	5.7
r) Overhead transparencies	27.8	2.8	0.0	5.6	13.9	33.3	16.7
s) Slides, filmstrips and/or movies	47.2	5.6	11.1	2.8	22.2	11.1	0.0
t) Video and/or audio tape	65.7	5.7	14.3	8.6	5.7	0.0	0.0
u) Digital video and/or audio	77.1	2.9	5.7	8.6	2.9	2.9	0.0
v) Computer-projected presentations	36.1	11.1	5.6	11.1	16.7	11.1	8.3
w) Video conferencing	91.4	5.7	0.0	0.0	0.0	0.0	2.9
x) 3-D modeling	90.9	6.1	0.0	0.0	3.0	0.0	0.0
y) Computer-generated animat/graphics	73.5	2.9	0.0	5.9	5.9	0.0	11.8
z) Other (specify):	70.0	0.0	0.0	0.0	10.0	10.0	10.0

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

	Yes	No	Don't know	N
a) Peer Review (collaboration tool)	8.8	91.2	0.0	34
b) WebQ (survey/quiz generator)	5.9	94.1	0.0	34
c) Epost (discussion board)	11.4	88.6	0.0	35
d) Umail (feedback form)	2.9	97.1	0.0	34
e) E-submit (assignment turn-in)	2.9	97.1	0.0	34
f) Web Templates (course webpage)	25.0	75.0	0.0	36
* <u>Any</u> Catalyst tool (derived from items a-f)	41.7	58.3	--	36

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.	58.3	l) There is no incentive (e.g., leave time, contribution toward tenure, financial).	36.1
b) I don't have the necessary skills.	44.4	m) I'm not convinced it would improve student learning.	22.2
c) I don't know how to get access.	16.7	n) Students may not be proficient.	13.9
d) I need upgraded hardware.	25.0	o) It's too much trouble.	25.0
e) I don't have adequate development tools.	22.2	p) It costs too much.	2.8
f) The applications and media I want to use don't run on machines in the classrooms.	30.6	q) Other (specify):	11.1
g) I don't have technical support in my department.	13.9	1 st highest concern: <u>TIME</u>	32%
h) I don't have on-site (e.g., classroom, lab) support.	36.1	<u>SKILLS</u>	16%
i) I don't have pedagogical support.	5.6	2 nd highest concern: <u>SKILLS</u>	18%
j) I'm not sure how to legally use copyrighted materials.	8.3	<u>TIME</u>	14%
k) I'm concerned about losing my own intellectual property rights.	5.6	<u>APPLICATIONS</u>	14%
		3 rd highest concern: <u>NO INCENTIVE</u>	22%
		<u>TIME</u>	11%
		<u>ONSITE SUPP.</u>	11%
		<u>STUDENT LRNG.</u>	11%

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	0.0	14.3	34.3	51.4	0.0
b) Facilitate class discussions	20.6	41.2	14.7	14.7	8.8
c) Post student work	20.0	31.4	20.0	25.7	2.9
d) Access on-line course reserves	21.2	33.3	30.3	15.2	0.0
e) Gather information via on-line quizzes or surveys	37.5	21.9	28.1	3.1	9.4
f) Manage course grades	54.5	12.1	24.2	9.1	0.0
g) Submit final course grades	25.0	15.6	53.1	0.0	6.3
h) Access on-line materials archives	12.5	31.3	25.0	28.1	3.1
i) Conduct simulations or visualizations	28.1	34.4	25.0	6.3	6.3
j) Conduct research	15.2	24.2	30.3	24.2	6.1
k) Use Geographical Information System (GIS) or other spatial display of information	36.4	18.2	24.2	18.2	3.0
l) Present work to other people at the UW	12.1	48.5	6.1	33.3	0.0
m) Present work to other people around the world	12.1	48.5	9.1	30.3	0.0
n) Facilitate collaboration with people at the UW	9.1	57.6	6.1	27.3	0.0
o) Facilitate collaboration with people around the world	9.1	48.5	15.2	24.2	3.0
p) Perform compositions, dances, or other music/art activities	97.1	0.0	2.9	0.0	0.0
q) Other (specify):	66.7	0.0	33.3	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	5.7	22.9	68.6	2.9
b) Audio/video clips, animation, or slides	20.6	26.5	26.5	20.6	5.9
c) Videoconferencing	54.5	27.3	15.2	0.0	3.0
d) Streaming video	50.0	14.7	26.5		8.8
e) Computer simulations	25.7	34.3	17.1	20.0	2.9
f) Multimedia presentations as class assignments	32.4	32.4	23.5	8.8	2.9
g) Textual analysis programs (e.g., Atlas)	62.5	12.5	3.1	0.0	21.9
h) Other (specify):	100.0	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	5	13.9
Department/Office	6	16.7
UW resource/Catalyst	6	16.7
Web resource	0	0.0
Other	2	5.6
No Answer (missing)	17	47.2

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

Service	N	%
Improve access	6	28.6
Improve support	4	19.0
Workshops/courses	4	19.0
Improve classroom capabilities	5	23.8

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

Skill	N	%
Use email	5	26.3
Use word processing software	11	57.9
Have Web access	10	52.6
Use database or spreadsheet software	8	42.1

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

Skill	N	%
Use email	6	33.3
Use word processing software	5	27.8
Have Web access	10	55.6
Use database or spreadsheet software	6	33.3

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	9	47.4
Computer labs with assistance	6	31.6
Instruction/workshops	6	31.6
Programs define/require skills courses	2	10.5

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	75.0
b) Overhead projector (for transparencies)	91.7	m) Multi-media (computer) projector	75.0
c) Television	11.1	n) Other (specify):	8.3
d) VCR	44.4		
e) Video disc player	2.8	1st most preferred:	<u>OVERHEADS</u> 46%
f) DVD	8.3		<u>MULTI-MEDIA</u> 27%
g) Film projector	5.6	2nd most preferred:	<u>SLIDES</u> 31%
h) Slide projector	69.4		<u>LAPTOP HOOKUP</u> 19%
i) Audio tape player	0.0	3rd most preferred:	<u>MULTI-MEDIA</u> 27%
j) CD player	8.3		<u>OVERHEADS</u> 20%
k) Permanent computer at podium	52.8		<u>SLIDES</u> 20%

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

Resource	N	%
Computer access	9	45.0
Multimedia	14	70.0
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	10	30.3	5 (50.0)	5 (50.0)	3 (42.9)	4 (57.1)
b) collaboratories	13	56.5	4 (44.4)	5 (55.6)	3 (30.0)	7 (70.0)

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

Small (<30): 44.4% Intermediate (30-80): 47.2% Large (80-200): 22.2% Very large (200+): 13.9%