



Faculty Survey on Instructional Technology 2001: College of Ocean and Fishery Sciences Frequencies

About You

Survey Mode:	N	%
Online	12	29.3
Paper	29	70.7

2. Rank:	N	%
1) Full Professor	20	50.0
2) Associate Professor	2	5.0
3) Assistant Professor	8	20.0
4) Instructor	2	5.0
5) Lecturer	1	2.5
6) Teaching Assistant	4	10.0
7) Other (specify):	3	7.5
TOTAL	40	

3. Are you tenured?	N	%
No	29	72.5
Yes	11	27.5

4. Current appointment:	N	%
a. 1) Part-time	13	33.3
2) Full-time	26	66.7
TOTAL	39	
b. 1) Regular	7	70.0
2) Adjunct	2	20.0
3) Temporary	1	10.0
TOTAL	10	

5. Do you serve in an administrative capacity?

	N	%
1) No	33	89.2
2) Yes, Dean	1	2.7
Yes, Chair/Chief	0	0.0
Yes, Director	2	5.4
Yes, Other	1	2.7
TOTAL	37	

6. Highest degree

	N	%
BS/BA	2	5.6
MS/MS	3	8.3
PhD/EdD	31	86.1
Other	0	0.0
TOTAL	36	

Year received highest degree

	N	%
thru 1969	5	20.8
1970s	11	45.8
1980s	3	12.5
1990-94	4	16.7
1995+	1	4.2
TOTAL	24	

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	1.0	68	0.9	22	1.0	14	1.4	46
Discussion seminars	-	-	0.7	14	0.9	13	1.1	18
Other (e.g., lab, practicum):	1.0	13	1.0	9	0.5	6	1.1	9

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	4.9	43.9	43.9	7.3	41

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>EXPLORING</u> 53%
b) Workshops	39.0		<u>WORKSHOPS</u> 18%
c) On-line computer classes	26.8	2 nd most preferred:	<u>COLLEAGUES</u> 40%
d) Books, journals, tutorials	34.1		<u>BOOKS</u> 23%
e) Exploring, experimenting	82.9	3 rd most preferred:	<u>LOCAL SUPP.</u> 23%
f) Help from colleagues, friends, family	73.2		<u>COLLEAGUES</u> 21%
g) Telephone consultants	9.8		
h) Local technical support	46.3		
i) Conferences in your discipline	7.3		
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	41
b) Classroom	25.0	3.1	18.8	6.3	18.8	21.9	6.3	32
d) Home	7.3	0.0	2.4	2.4	9.8	26.8	51.2	41
e) While traveling	16.2	2.7	21.6	13.5	8.1	21.6	16.2	37
d) Other (specify): _____	33.3	0.0	33.3	33.3	0.0	0.0	0.0	3

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)	82.9	45.7	31.4	22.9	34
b) Macintosh (MAC)	36.6	29.4	29.4	41.2	15
c) Unix Workstation	26.8	23.1	15.4	61.5	11
d) Printer	90.2	35.1	21.6	43.2	37
e) Scanner	53.7	36.4	27.3	36.4	22
f) Drives, diskettes, etc. for file back-up	82.9	55.9	14.7	29.4	34
g) Digital camera	31.7	75.0	16.7	8.3	13
h) Other (specify): _____	2.4	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	4.9	7.3	41
b) I don't know what kind of connection I use.	0.0	0.0	2.4	41
c) Campus network	97.6	17.1	9.8	41
d) Regular modem	2.4	58.5	56.1	41
e) Cable modem	0.0	12.2	0.0	41
f) Digital Subscriber Line (DSL) modem	0.0	7.3	0.0	41
g) Wireless	0.0	0.0	0.0	41
h) Other (specify): _____	0.0	2.4	0.0	41

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	7.5	20.0	42.5	22.5	7.5	40
b) reliability	2.6	7.7	43.6	38.5	7.7	39

14. Do you ...

	No	Yes	N
a) have exclusive use of a computer at the UW?	7.3	92.7	41
b) communicate with email at work?	0.0	100.0	41
c) communicate with email at home?	12.5	87.5	40
d) have a non-UW email account?	37.5	62.5	40
e) transfer files between work and home?	15.0	85.0	40

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

1) 3.5" floppy:	20.0%	4) Other high capacity disk	0.0%	7) FTP (Fetch, WS-FTP)	34.3%
2) ZIP disk:	31.4	5) CD burner	0.0	8) Other (specify):	8.6
3) Jazz disk	0.0	6) Email attachment	5.7		

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	2.6	5.1	2.6	33.3	56.4
b) Spreadsheet (e.g., Excel)	7.9	7.9	5.3	10.5	21.1	34.2	13.2
c) Presentation (e.g., PowerPoint)	21.1	2.6	21.1	18.4	18.4	10.5	7.9
d) Email (e.g., Pine, Outlook, Eudora)	2.6	0.0	0.0	0.0	5.1	20.5	71.8
e) Calendar/scheduling	50.0	2.8	2.8	2.8	5.6	8.3	27.8
f) Internet/Web access (e.g, Navigator)	5.1	2.6	2.6	2.6	5.1	15.4	66.7
g) Web (HTML) editors (e.g., Frontpage)	50.0	5.3	10.5	7.9	15.8	10.5	0.0
h) Catalyst web-based tools	86.1	5.6	5.6	0.0	2.8	0.0	0.0
i) Courseware (e.g., WebCT, Blackboard)	97.2	0.0	0.0	0.0	2.8	0.0	0.0
j) Publishing (e.g., Acrobat, PageMaker)	52.6	2.6	10.5	10.5	7.9	15.8	0.0
k) Graphics (e.g., Photoshop)	36.8	5.3	10.5	10.5	21.1	7.9	7.9
l) Multimedia authoring software	86.5	2.7	8.1	2.7	0.0	0.0	0.0
m) Database (e.g., ACCESS, FileMaker)	68.4	7.9	7.9	5.3	5.3	2.6	2.6
n) Video editing software	89.2	5.4	2.7	2.7	0.0	0.0	0.0
o) Statistical analysis software	32.4	8.1	21.6	10.8	8.1	8.1	10.8
p) Software to record/manage grades	73.0	0.0	5.4	2.7	10.8	8.1	0.0
q) Modeling or simulations	64.9	5.4	5.4	0.0	5.4	16.2	2.7
r) Overhead transparencies	15.8	5.3	2.6	5.3	26.3	21.1	23.7
s) Slides, filmstrips and/or movies	45.9	2.7	16.2	5.4	18.9	8.1	2.7
t) Video and/or audio tape	48.6	2.7	24.3	13.5	10.8	0.0	0.0
u) Digital video and/or audio	80.6	0.0	8.3	2.8	8.3	0.0	0.0
v) Computer-projected presentations	50.0	7.9	13.2	2.6	13.2	13.2	0.0
w) Video conferencing	88.9	2.8	2.8	5.6	0.0	0.0	0.0
x) 3-D modeling	83.3	0.0	0.0	0.0	13.9	2.8	0.0
y) Computer-generated animat/graphics	78.4	0.0	2.7	2.7	2.7	5.4	8.1
z) Other (specify):	25.0	0.0	0.0	0.0	25.0	50.0	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	100.0	0.0	40
b) WebQ (survey/quiz generator)	5.0	95.0	0.0	40
c) Epost (discussion board)	0.0	100.0	0.0	39
d) Umail (feedback form)	2.5	95.0	2.5	40
e) E-submit (assignment turn-in)	2.5	97.5	0.0	40
f) Web Templates (course webpage)	10.0	90.0	0.0	40
* <u>Any</u> Catalyst tool (derived from items a-f)	9.8	90.2	--	41

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.	61.0	l) There is no incentive (e.g., leave time, contribution toward tenure, financial).	34.1
b) I don't have the necessary skills.	31.7	m) I'm not convinced it would improve student learning.	31.7
c) I don't know how to get access.	19.5	n) Students may not be proficient.	14.6
d) I need upgraded hardware.	19.5	o) It's too much trouble.	26.8
e) I don't have adequate development tools.	12.2	p) It costs too much.	4.9
f) The applications and media I want to use don't run on machines in the classrooms.	14.6	q) Other (specify):	2.4
g) I don't have technical support in my department.	26.8	1 st highest concern: <u>TIME</u>	46%
h) I don't have on-site (e.g., classroom, lab) support.	19.5	<u>SKILLS</u>	15%
i) I don't have pedagogical support.	12.2	2 nd highest concern: <u>DEPT. SUPPORT</u>	16%
j) I'm not sure how to legally use copyrighted materials.	2.4	<u>NO INCENTIVE</u>	13%
k) I'm concerned about losing my own intellectual property rights.	12.2	3 rd highest concern: <u>STUDENT LRNG.</u>	17%
		<u>TIME</u>	14%
		<u>ACCESS</u>	14%

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	5.4	18.9	32.4	43.2	0.0
b) Facilitate class discussions	27.0	45.9	18.9	5.4	2.7
c) Post student work	26.5	26.5	11.8	29.4	5.9
d) Access on-line course reserves	5.9	26.5	47.1	11.8	8.8
e) Gather information via on-line quizzes or surveys	38.2	38.2	11.8	5.9	5.9
f) Manage course grades	52.9	26.5	14.7	2.9	2.9
g) Submit final course grades	25.0	22.2	47.2	2.8	2.8
h) Access on-line materials archives	2.9	22.9	42.9	31.4	0.0
i) Conduct simulations or visualizations	16.7	30.6	30.6	16.7	5.6
j) Conduct research	5.9	29.4	14.7	41.2	8.8
k) Use Geographical Information System (GIS) or other spatial display of information	22.9	25.7	20.0	22.9	8.6
l) Present work to other people at the UW	11.1	30.6	13.9	36.1	8.3
m) Present work to other people around the world	8.3	30.6	11.1	38.9	11.1
n) Facilitate collaboration with people at the UW	5.6	47.2	11.1	27.8	8.3
o) Facilitate collaboration with people around the world	8.3	36.1	19.4	25.0	11.1
p) Perform compositions, dances, or other music/art activities	81.8	9.1	6.1	0.0	3.0
q) Other (specify):	75.0	25.0	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	8.1	10.8	81.1	0.0
b) Audio/video clips, animation, or slides	11.4	45.7	25.7	11.4	5.7
c) Videoconferencing	60.0	28.6	8.6	0.0	2.9
d) Streaming video	47.2	30.6	5.6	2.8	13.9
e) Computer simulations	16.7	38.9	30.6	5.6	8.3
f) Multimedia presentations as class assignments	30.6	22.2	19.4	11.1	16.7
g) Textual analysis programs (e.g., Atlas)	45.7	8.6	8.6	0.0	37.1
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	1	2.4
Colleague/Faculty/Friend	6	14.6
Department/Office	15	36.6
UW resource/Catalyst	1	2.4
Web resource	0	0.0
Other	2	4.9
No Answer (missing)	16	39.0

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

Service	N	%
Improve access	2	13.3
Improve support	5	33.3
Workshops/courses	1	6.7
Improve classroom capabilities	3	20.0

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

Skill	N	%
Use email	5	27.8
Use word processing software	10	55.6
Have Web access	9	50.0
Use database or spreadsheet software	9	50.0

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

Skill	N	%
Use email	4	22.2
Use word processing software	0	0.0
Have Web access	3	16.7
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	6	37.5
Computer labs with assistance	2	12.5
Instruction/workshops	1	6.3
Programs define/require skills courses	4	25.0

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	68.3
b) Overhead projector (for transparencies)	90.2	m) Multi-media (computer) projector	56.1
c) Television	22.0	n) Other (specify):	4.9
d) VCR	53.7	1st most preferred:	<u>OVERHEADS</u> 58%
e) Video disc player	2.4		<u>MULTI-MEDIA</u> 23%
f) DVD	4.9	2nd most preferred:	<u>SLIDES</u> 36%
g) Film projector	9.8		<u>OVERHEADS</u> 15%
h) Slide projector	68.3		<u>LAPTOP HOOKUP</u> 15%
i) Audio tape player	2.4		<u>MULTI-MEDIA</u> 15%
j) CD player	2.4	3rd most preferred:	<u>LAPTOP HOOKUP</u> 31%
k) Permanent computer at podium	36.6		<u>VCR</u> 19%

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

Resource	N	%
Computer access	6	42.9
Multimedia	5	35.7
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	8	21.6	4 (50.0)	4 (50.0)	4 (80.0)	1 (20.0)
b) collaboratories	11	39.3	7 (87.5)	1 (12.5)	4 (44.4)	5 (55.6)

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

Small (<30): 41.5% Intermediate (30-80): 36.6% Large (80-200): 24.4% Very large (200+): 22.0%