UNIVERSITY OF WASHINGTON

Student Survey on Educational Technology 2002

About You

1. Your class:

    1) Freshman   4) Senior
    2) Sophomore   5) Masters program
    3) Junior   6) Doctoral program
    7) Other (specify): _____

2. Major: _____

3. Is this your first quarter   1) Yes   2) No
   at the UW?

4. Number of credits in which you
   are currently enrolled: _____

5. Gender:

    1) Male   2) Female

6. Ethnicity (mark all that apply):

    a) African American
    b) Asian American
    c) Hawaiian/Pacific Islander American
    d) Hispanic/Latino American
    e) Native American or Alaskan Native
    f) White American
    g) International student
    h) Other (specify): _____

Your Use of Technology

7. How would you rate your current expertise as a computer user?

0	1	2	3	4
Don't use	Novice	Intermediate	Advanced	Expert

8. How would you rate your current ability in each of the following areas? What would you like your ability to be when you graduate from the UW?

| | CURRENTLY | | | | | UPON GRADUATION | | | | |
	Never tried	Novice	Interme-diate	Advanced	Expert	Never tried	Novice	Interme-diate	Advanced	Expert
a) Set up a personal computer	0	1	2	3	4	0	1	2	3	4
b) Connect a computer to a network	0	1	2	3	4	0	1	2	3	4
c) Make informed decisions about purchasing hardware/software	0	1	2	3	4	0	1	2	3	4
d) Create a website	0	1	2	3	4	0	1	2	3	4
e) Use basic operating system features	0	1	2	3	4	0	1	2	3	4
f) Use a word-processor to create documents with text and illustrations	0	1	2	3	4	0	1	2	3	4
g) Use a graphics or art package to create illustrations, slides, or images	0	1	2	3	4	0	1	2	3	4
h) Use a computer to find scholarly information and resources	0	1	2	3	4	0	1	2	3	4
i) Critically evaluate information from the Internet and other sources	0	1	2	3	4	0	1	2	3	4
j) Use a computer to communicate with others	0	1	2	3	4	0	1	2	3	4
k) Use a spreadsheet for computations and to create charts and graphs	0	1	2	3	4	0	1	2	3	4
l) Use a database system to set up and access information	0	1	2	3	4	0	1	2	3	4
m) Effectively present information drawn from multiple sources	0	1	2	3	4	0	1	2	3	4

n) Use instructional materials to learn how to use new applications or features	0	1	2	3	4	0	1	2	3	4
o) Other (specify): _____	0	1	2	3	4	0	1	2	3	4

9. Which of the following educational technologies would you like instructors to use in your courses? (Check all that apply.)

COMMUNICATION

a)	Email list of students	❏
b)	Online discussion boards	❏
c)	On-line group chats (chat rooms)	❏
d)	Instant messaging (e.g., MSN, AOL, ICQ)	❏
e)	Video conferencing	❏
j)	Other (specify):	❏

PRESENTATION

f)	Audio/video clips, animation, or slides	❏
g)	PowerPoint presentations	❏
h)	Streaming videos	❏
i)	Computer simulations	❏
j)	Other (specify):	❏

10. How important is it to have each of the following available <u>on-line</u> in your courses?

		Not Important	Somewhat Important	Very Important	Extremely Important	Don't Know
a)	Course syllabi	0	1	2	3	4
b)	Course outlines or lecture notes	0	1	2	3	4
c)	Video archives of lectures	0	1	2	3	4
d)	Problem sets or exercises	0	1	2	3	4
e)	Class discussions	0	1	2	3	4
f)	Simulations or visualizations	0	1	2	3	4
g)	Presentations of compositions, dances, or other music/art activities	0	1	2	3	4
h)	Links to related sites	0	1	2	3	4
i)	Links to course reserves	0	1	2	3	4
j)	Links to other archived materials	0	1	2	3	4
k)	Posting of student work	0	1	2	3	4
l)	Quizzes or surveys	0	1	2	3	4
m)	Grading criteria	0	1	2	3	4
n)	Course grades	0	1	2	3	4
o)	Links for anonymous feedback	0	1	2	3	4
p)	Links to research opportunities	0	1	2	3	4
q)	Other (specify): _____	0	1	2	3	4

11. Which of the following methods for learning about technologies do you prefer? (Check all that apply.) Please also rank your top THREE preferences by <u>writing the corresponding letter</u> in the appropriate space below.

a)	Workshops	❏
b)	On-line computer tutorials	❏
c)	Books, journals, tutorials	❏
d)	Exploring, experimenting	❏
e)	Help from colleagues, friends, family	❏
f)	Telephone consultants	❏
g)	Computer lab staff	❏
h)	Direct, in-class instruction	❏
i)	Email support	❏

j) Other (specify): ❏

_____

1st most preferred: _____

2nd most preferred: _____

3rd most preferred: _____

OR ❏ I don't wish to learn more about technology.

12. Which of the following modes of direct, in-class instruction do you feel helps you learn how to use technologies? (Check all that apply.)

a)	Verbal instruction	❏
b)	Written instruction	❏
c)	Question and answer discussion	❏
d)	Demonstration	❏
e)	Step-by-step instruction in a computer lab	❏

f) Other (specify): ❏

_____

OR ❏ I prefer not to receive direct, in-class instruction about technology.

Your Use of Campus Resources

13. Please indicate **how often** you use each of the following for your UW coursework or research, and **mark those you would like to have** in the general-access labs (MGH CRC and OUGL Computing Commons).

		Never	Less than once a month	Once a month	Several times a month	1-2 times a week	Every day	Would like to have in general-access labs
a)	Word processors (e.g., Word, Word Perfect)	0	1	2	3	4	5	❏
b)	Spreadsheets (e.g., Excel)	0	1	2	3	4	5	❏
c)	Presentation software (e.g., PowerPoint)	0	1	2	3	4	5	❏
d)	Database software (e.g., Access, FileMaker)	0	1	2	3	4	5	❏
e)	Web (HTML) editors (e.g., GoLive)	0	1	2	3	4	5	❏
f)	Publishing software (e.g., Acrobat, InDesign)	0	1	2	3	4	5	❏
g)	Graphics software (e.g., Photoshop)	0	1	2	3	4	5	❏
h)	Multimedia authoring software (e.g., Premier, Final Cut Pro)	0	1	2	3	4	5	❏
i)	Computer-generated animation/graphics/CAD software (e.g., Bryce)	0	1	2	3	4	5	❏
j)	Scanning software for images or text	0	1	2	3	4	5	❏
k)	Simulation software (e.g., medical tools)	0	1	2	3	4	5	❏
l)	Software development tools (e.g., Visual Studio, compilers)	0	1	2	3	4	5	❏
m)	Statistical analysis software (e.g., SPSS, SAS)	0	1	2	3	4	5	❏
n)	Geographic information software (e.g., ArcView/ArcInfo)	0	1	2	3	4	5	❏
o)	Mathematics software (e.g., Mathematica)	0	1	2	3	4	5	❏
p)	Bibliographic citation management software (e.g., EndNote)	0	1	2	3	4	5	❏
q)	Internet/Web browsers (e.g., Netscape/Mozilla, IE)	0	1	2	3	4	5	❏
r)	Internet search engines (e.g., Google, Yahoo)	0	1	2	3	4	5	❏
s)	UW Libraries catalog	0	1	2	3	4	5	❏
t)	Library-provided indexes or bibliographic databases	0	1	2	3	4	5	❏
u)	Library full-text sources (e.g., Lexis-Nexis, ejournals)	0	1	2	3	4	5	❏
v)	Email (e.g., Pine, Outlook, Eudora)	0	1	2	3	4	5	❏
w)	Instant messenger (e.g., MSN, AOL, ICQ)	0	1	2	3	4	5	❏
x)	Calendars/scheduling software (e.g., MyUW, Yahoo)	0	1	2	3	4	5	❏
y)	Slides, filmstrips and/or projected movies	0	1	2	3	4	5	❏
z)	Video conferencing	0	1	2	3	4	5	❏
aa)	Course website	0	1	2	3	4	5	❏
ab)	Web-based collaboration tools (e.g., Catalyst Peer Review)	0	1	2	3	4	5	❏
ac)	Web-based surveys/quizzes (e.g., Catalyst WebQ)	0	1	2	3	4	5	❏
ad)	Web-based discussion boards (e.g., Catalyst Epost)	0	1	2	3	4	5	❏
ae)	Web-based feedback forms (e.g., Catalyst Umail)	0	1	2	3	4	5	❏
af)	Web-based homework submission (e.g., Catalyst E-submit)	0	1	2	3	4	5	❏
ag)	Other (specify): _____	0	1	2	3	4	5	❏
ah)	Other (specify): _____	0	1	2	3	4	5	❏
ai)	Other (specify): _____	0	1	2	3	4	5	❏

14. On average, **about how often** do you use a computer in each of the following locations?

		Never	Quarterly	Monthly	Weekly	Daily
a)	Mary Gates Hall CRC (Computer Resource Center)	0	1	2	3	4
b)	OUGL Computing Commons (OUGL computer lab)	0	1	2	3	4
c)	Microlab (Health Sciences computer lab)	0	1	2	3	4
d)	Other UW Libraries	0	1	2	3	4
e)	Departmental computing labs	0	1	2	3	4
f)	Campus office	0	1	2	3	4
g)	Campus residence halls	0	1	2	3	4
h)	Off-campus residence	0	1	2	3	4
i)	On-campus wireless network	0	1	2	3	4
j)	Other (specify): _____	0	1	2	3	4

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15. When you use the general-access labs (MGH CRC and OUGL Computing Commons), **why do you use** them? (Check all that apply.)

The general-access labs …
a) have <u>software</u> I don't have at home. ❏
b)   "   "   in my department lab. ❏
c) have <u>hardware</u> I don't have at home. ❏
d)   "   "   in my department lab. ❏
e) have <u>services</u> not available elsewhere (specify): ❏
_____
f) provide a good environment (describe): ❏
_____
g) are convenient (describe): ❏
_____
h) Other (specify): ❏
_____

    OR   ❏   No particular reason

    OR   ❏   N/A, I don't use the general-access labs.

16. When you do not use the general-access labs, **why don't you use** them? (Check all that apply.)

The general-access labs …
a) don't have <u>software</u> I need (specify): ❏
_____
b) don't <u>have hardware</u> I need (specify): ❏
_____
c) don't have services I need (specify): ❏
_____
d) don't provide a good environment (describe): ❏
_____
e) aren't convenient (describe): ❏
_____
f) I have everything I need in my department labs. ❏
g) Other (specify): ❏
_____

    OR   ❏   No particular reason

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17. Rank the following computer operating systems in order of your preference (1=most preferred; 4=least preferred).

RANK: _____ _____ _____ _____
        Windows   **MAC**   **Linux**   **Unix**

    OR   ❏   I have no preference.

18. How often do you get to use your preferred operating system in the general-access labs (MGH CRC and OUGL Computing Commons)?

I don't use the general-access labs	Almost never	Half of the time	Almost always
0	1	2	3

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19. What Internet connection do you use in your residence? (Check one.)

a) None ❏
b) Don't know ❏
c) UW network (residence halls) ❏
d) Regular modem (to UW network) ❏
e) Regular modem (to other provider) ❏
f) Cable modem ❏
g) Digital Subscriber Line (DSL) modem ❏
h) Other (specify): ❏
_____

20. What is your <u>primary</u> email service? (Check one.)

a) MyUW (Webpine) ❏
b) UW email (e.g., Dante, Pine, Outlook) ❏
c) UW department email ❏
d) Other (e.g., AOL, Hotmail, Yahoo) ❏

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21. Considering your experiences with educational technologies at the UW, please indicate how much you **agree** or **disagree** with each of the following general-statements.

The UW should …	DISAGREE		Neutral	AGREE	
	Strongly	Somewhat	Neutral	Somewhat	Strongly
a) require all incoming students to take a course designed to build basic technology skills.	1	2	3	4	5
b) provide students more opportunities to use technology in their coursework.	1	2	3	4	5
c) provide library course reserves electronically.	1	2	3	4	5
d) require all courses at the UW to have a course website.	1	2	3	4	5
e) inform students of the technologies that will be required in each course.	1	2	3	4	5
f) encourage instructors to use technology in their teaching more often.	1	2	3	4	5
g) evaluate use of technology by instructors.	1	2	3	4	5
h) Other (specify): _____	1	2	3	4	5

22. Considering your experiences with educational technologies at the UW, indicate **how often** each of the following statements is true for you.

	Never or almost never	Seldom	Sometimes	Usually	Always or almost always
a) I am proficient in using the educational technologies needed to complete my UW coursework or research.	0	1	2	3	4
b) I am comfortable learning to use new technologies needed to complete my coursework or research.	0	1	2	3	4
c) I can easily get access to a computer when I need it.	0	1	2	3	4
d) I can easily find and use online library resources.	0	1	2	3	4
e) My use of educational technologies such as those listed in Question #8 improves my learning.	0	1	2	3	4
f) My instructors are proficient in the educational technologies I need to complete coursework they assign.	0	1	2	3	4
g) I receive adequate help from my instructors in using technologies to complete coursework they assign.	0	1	2	3	4
h) I receive adequate instruction from other sources in using technologies to complete my coursework.	0	1	2	3	4
i) My courses prepare me to use technology in my career field.	0	1	2	3	4
j) My instructors are proficient in using educational technologies for communication and presentations in their teaching.	0	1	2	3	4
k) My instructors' use of educational technologies improves my learning.	0	1	2	3	4
l) Educational technologies are used consistently throughout the University.	0	1	2	3	4

	Yes	No	If yes, in terms of your learning, what was the main …	
			ADVANTAGE?	DISADVANTAGE?
23. Have you used an on-line discussion board in a UW course?	1	2		
24. Have you taken a course at the UW in which the instructor gave computer-projected (e.g., PowerPoint) presentations?	1	2		

25. UW currently maintains 41 general-access multi-media classrooms (permanent computer at podium with projection capabilities), and five computer classrooms/collaboratories (computer at each student seat).

		Yes	No		
a)	Have you attended class in a multi-media classroom?	1	2		
b)	Have you attended class in a computer classroom/collaboratory?	1	2		
c)	Do you have regular access to a laptop computer?	1	2		

		Never or almost never	Seldom	Sometimes	Usually	Always or almost always
d)	If you have attended class in a multi-media classroom or collaboratory, did your instructor make use of the multi-media capabilities?	0	1	2	3	4
e)	If your instructor made use of the multi-media capabilities, did it improve your learning? Why or why not? _____	0	1	2	3	4
f)	Do you take a laptop computer to class?	0	1	2	3	4
g)	If more classrooms had wireless internet connections would you take a laptop computer to class?	0	1	2	3	4

26. What classroom conditions detract most from your learning? (Check all that apply.) Please also rank the THREE conditions that detract most by <u>writing the corresponding letter</u> in the appropriate space below.

a) Poor acoustics ❏

b) Poor lighting ❏   1st : _____

c) Old rooms ❏

d) Dirty rooms ❏   2nd : _____

e) Noise from outside ❏   3rd : _____

f) Other (specify): ❏

OR ❏ Classroom conditions do not detract from my learning.

_____

27. What type of furniture do you prefer in a 20-30 student classroom? (Check all that apply.)

a) Movable chairs with t-arms ❏   f) Other (specify): ❏

b) Fixed chairs with t-arms ❏

c) Movable chairs with 5' tables ❏ _____

d) Fixed chairs with 5' tables ❏

e) Raised banks of fixed chairs and tables ❏   **OR** ❏ I do not have any preferences.

28. What do you consider to be the **single most important barrier** to your own use of educational technologies at the UW? Do you have other thoughts about your use or your instructors' use of technologies?

Thank you for your participation!