

LST Survey 2008 Descriptives: Students

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Q1. Which best describes your status as a student at the University of Washington? (Status)

Status	Respondent %
Freshman	12.3
Sophomore	12.6
Junior	18.9
Senior	21.5
Masters	15.2
Doctoral	14.6
Other	4.9
Total N	656

Q2. Which of the following broad areas best describes your major course of study (declared or undeclared)? (Major area)

Major area	%
Architecture	2.1
A&S-Arts	5.9
A&S-Humanities	4.1
A&S-Natural Sciences	14.5
A&S-Social Sciences	12.8
Business	9.9
Dentistry	0.5
Education	2.7
Engineering	14.3
Forest Resources	0.9
Information School	4.1
Law	1.8
Medicine	5.9
Nursing	2.6
Fisheries	0.5
Pharmacy	2.1
Public Affairs	2.4
Public Health	2.9
Social Work	1.1
Other	6.1
Undecided	2.6
Total	656

Q1 (Status) by Q2 (Major area)

Major area	Status %							Total		
	Freshman	Soph	Junior	Senior	Masters	Doctoral	Other	N	Missing	Column%
Architecture	14.3	21.4	21.4	14.3	14.3		14.3	14	0	2.1
A&S–Arts	20.5	20.5	23.1	17.9	10.3	2.6	5.1	39	0	5.9
A&S–Humanities	11.1	3.7	48.1	22.2	7.4	3.7	3.7	27	0	4.1
A&S–Natural Sciences	6.3	15.8	12.6	36.8	1.1	25.3	2.1	95	0	14.5
A&S–Social Sciences	6.0	6.0	31.0	36.9	3.6	16.7		84	0	12.8
Business	13.8	27.7	20.0	23.1	13.8		1.5	65	0	9.9
Dentistry			33.3	33.3	33.3			3	0	0.5
Education			5.6		44.4	38.9	11.1	18	0	2.7
Engineering	26.6	13.8	20.2	20.2	8.5	9.6	1.1	94	0	14.3
Forest Resources	33.3		33.3		16.7	16.7		6	0	0.9
Information School	7.4	3.7	7.4	14.8	66.7			27	0	4.1
Law			16.7	16.7	16.7	25.0	25.0	12	0	1.8
Medicine	10.3	12.8	7.7	7.7		43.6	17.9	39	0	5.9
Nursing	5.9	11.8	5.9	17.6	47.1	5.9	5.9	17	0	2.6
Fisheries					100.0			3	0	0.5
Pharmacy	7.1			7.1		64.3	21.4	14	0	2.1
Public Affairs	6.2		12.5		81.2			16	0	2.4
Public Health	5.3	5.3	5.3	10.5	36.8	31.6	5.3	19	0	2.9
Social Work			42.9		28.6	14.3	14.3	7	0	1.1
Other	5.0	15.0	22.5	22.5	17.5	5.0	12.5	40	0	6.1
Undecided	52.9	29.4	11.8	5.9				17	0	2.6
Total	12.3	12.6	18.9	21.5	15.2	14.6	4.9	656	1	100.0

Q3. What is your gender? (Gender)

Gender	%
Male	36.6
Female	63.4
Total N	651

Q4. What is your age? (Age)

Age	%
< 20	20.9
20-25	47.7
26-30	15.4
31-35	6.7
36-40	3.2
41+	6.1
Total N	656

Q3 (Gender) by Q4 (Age)

	Age %						Total		
	<20	20-25	26-30	31-35	36-40	41+	N	Missing	Column%
Male	22.7	45.4	14.3	7.1	4.2	6.3	238	0	36.6
Female	20.1	48.5	16.0	6.6	2.7	6.1	412	1	63.4
Total	21.1	47.4	15.4	6.8	3.2	6.2	650	7	100.0

Discipline by Q3 (Gender)

Discipline	Gender %	
	Male	Female
Humanities/Social/Arts	20.3	32.2
Professional	18.6	18.2
Health Sci	11.4	17.4
Natural Sci	15.2	16.2
Engineering	27.0	6.8
Undecided/Other	7.6	9.2
Total	100.0	100.0

Q5. Which best describes your current residence? (Residence)

Residence	%
UW housing	21.1
Off-campus w/guardian	11.3
Off-campus w/other	67.6
Total N	655

Q6. On a scale of 1 to 5, how would you rate your current technological expertise? (Technological Expertise)

	Beginner		Intermediate		Expert	Mn	SD	N	Missing
	1	2	3	4	5				
	%	%	%	%	%				
Total	2.4	13.2	48.9	25.6	9.9	3.3	0.9	657	0

Q1 (Status) by Q6 (Technological Expertise)

Status	Expertise %					Total			
	Beginner 1	2	Intermed 3	4	Expert 5	Mn	SD	N	Missing
Freshman	2.5	12.3	53.1	25.9	6.2	3.2	0.8	81	0
Soph	3.6	16.9	47.0	24.1	8.4	3.2	0.9	83	0
Junior	3.2	16.1	50.8	21.0	8.9	3.2	0.9	124	0
Senior	0.7	13.5	50.4	25.5	9.9	3.3	0.9	141	0
Masters	3.0	9.0	43.0	33.0	12.0	3.4	0.9	100	0
Doctoral	2.1	10.4	46.9	27.1	13.5	3.4	0.9	96	0
Other	3.1	15.6	53.1	18.8	9.4	3.2	0.9	32	0
Total	2.4	13.2	48.9	25.6	9.9	3.3	0.9	657	0

Q2 (Major Area) by Q6 (Technological Expertise)

Major Area	Expertise %					Total			
	Beginner 1	2	Intermed 3	4	Expert 5	Mn	SD	N	Missing
Architecture		21.4	64.3	14.3		2.9	0.6	14	0
A&S-Arts	5.1	12.8	53.8	25.6	2.6	3.1	0.8	39	0
A&S-Humanities	7.4	18.5	48.1	25.9		2.9	0.9	27	0
A&S-Natural Sciences	1.1	10.5	49.5	27.4	11.6	3.4	0.9	95	0
A&S-Social Sciences		20.2	52.4	22.6	4.8	3.1	0.8	84	0
Business		12.3	63.1	13.8	10.8	3.2	0.8	65	0
Dentistry			100.0			3.0	0.0	3	0
Education		16.7	44.4	33.3	5.6	3.3	0.8	18	0
Engineering	1.1	2.1	28.7	45.7	22.3	3.9	0.8	94	0
Forest Resources		16.7	50.0	33.3		3.2	0.8	6	0
Information School		3.7	29.6	40.7	25.9	3.9	0.8	27	0
Law		25.0	33.3	33.3	8.3	3.3	1.0	12	0
Medicine	2.6	23.1	56.4	7.7	10.3	3.0	0.9	39	0
Nursing	5.9	29.4	58.8	5.9		2.6	0.7	17	0
Fisheries			66.7	33.3		3.3	0.6	3	0
Pharmacy		14.3	57.1	28.6		3.1	0.7	14	0
Public Affairs	18.8	12.5	31.2	31.2	6.2	2.9	1.2	16	0
Public Health	10.5		68.4	21.1		3.0	0.8	19	0
Social Work		14.3	57.1	28.6		3.1	0.7	7	0
Other	2.5	15.0	45.0	20.0	17.5	3.4	1.0	40	0
Undecided	11.8	23.5	58.8	5.9		2.6	0.8	17	0
Total	2.4	13.3	48.8	25.6	9.9	3.3	0.9	656	1

Q4 (Gender) by Q6 (Technological Expertise)

Gender	Expertise %					Total			
	Beginner 1	2	Intermed 3	4	Expert 5	Mn	SD	N	Missing
M	0.4	8.4	38.7	31.9	20.6	3.6	0.9	238	0
F	3.4	16.2	55.2	21.5	3.6	3.1	0.8	413	0
Total	2.3	13.4	49.2	25.3	9.8	3.3	0.9	651	6

Q5 (Age) by Q6 (Technological Expertise)

Age	Expertise %					Total			
	Beginner 1	2	Intermed 3	4	Expert 5	Mn	SD	N	Missing
<20	2.2	13.9	51.1	28.5	4.4	3.2	0.8	137	0
20-25	2.6	15.3	50.5	22.0	9.6	3.2	0.9	313	0
26-30	3.0	6.9	47.5	34.7	7.9	3.4	0.8	101	0
31-35		13.6	45.5	25.0	15.9	3.4	0.9	44	0
36-40		14.3	47.6	19.0	19.0	3.4	1.0	21	0
41+	5.0	10.0	35.0	25.0	25.0	3.6	1.1	40	0
Total	2.4	13.3	48.8	25.6	9.9	3.3	0.9	656	1

Discipline by Q6 (Technological Expertise)

Discipline	Expertise %					Total			
	Beginner 1	2	Intermed 3	4	Expert 5	Mn	SD	N	Missing
Humanities/Social/Arts	2.2	18.1	52.2	24.2	3.3	3.1	0.8	182	0
Professional	2.5	11.7	48.3	24.2	13.3	3.3	0.9	120	0
Health Sci	4.0	17.2	60.6	14.1	4.0	3.0	0.8	99	0
Natural Sci	1.0	10.6	50.0	27.9	10.6	3.4	0.8	104	0
Engineering	1.1	2.1	28.7	45.7	22.3	3.9	0.8	94	0
Undecided/Other	5.3	17.5	49.1	15.8	12.3	3.1	1.0	57	0
Total	2.4	13.3	48.8	25.6	9.9	3.3	0.9	656	1

Q7 and Q13. Please choose one context in which you participated as a learner SU 2007 - WI 2008, formally or informally. (Learning Context)

Context	Q7 (%)	Q13 (%)	Overall %
Seminar/small discussion	22.9	18.9	20.9
Large discussion	8.2	10.0	9.1
Small lecture	19.8	14.6	17.2
Large lecture	28.1	13.9	21.1
Online course	3.8	3.1	3.5
Lab (course-based)	3.7	9.7	6.6
Computer lab	1.4	3.6	2.5
Studio	1.2	1.1	1.2
Ensemble/rehearsal		1.1	0.5
Small group instruction	0.9	1.6	1.2
Field experience	0.8	1.4	1.1
Internship/practicum/clinic	1.8	4.7	3.2
Research team/lab	3.2	5.3	4.3
Online learning community	0.2	0.6	0.4
Workshop/training		1.4	0.7
Tutoring	0.8	1.3	1.0
Meeting with faculty	1.2	3.3	2.2
Office hours/independent study	0.9	1.9	1.4
Library Help Desk	0.3	0.2	0.2
Informal conversation	0.3	1.9	1.1
Other	0.5	0.5	0.5
N	655	639	1294
Missing	2	18	20
Total N	657	657	1314

Q8 and Q14. Choose one learning goal below that was important to you in this context. (Learning Goals)

Goal	Q8 (%)	Q14 (%)	Overall
Access and review course material	18.3	18.6	18.4
Develop thinking/problem solving skills	13.5	13.2	13.4
Understand content knowledge	32.2	23.1	27.7
Actively participate/share	14.0	11.3	12.7
Get real world experience	3.8	7.6	5.7
Synthesize experiences	4.1	3.3	3.7
Cultivate community and connection	1.1	2.4	1.7
Practice or expand skill set	7.8	12.1	9.9
Develop research skills	4.3	7.7	6.0
Other	0.9	0.6	0.8
N	652	635	1287
Missing	5	22	27
Total N	657	657	1314

Q9 and Q15. Indicate ALL technologies you used in [the] context. In the second column indicate ONLY those technologies you used to achieve your selected goal. (Learning Technologies)

Technology	All Used %			Goal Only %		
	Q9	Q15	Overall	Q9	Q15	Overall
Course or project Web page	78.2	61.8	70.2	60.3	50.0	55.3
Word-processing software	69.5	57.7	63.7	49.1	47.2	48.2
File-sharing software	27.5	18.7	23.2	18.7	13.5	16.2
Web-based file storage	29.7	20.3	25.1	20.0	16.3	18.2
Library e-reserves	43.2	27.7	35.6	35.4	23.8	29.8
Research databases and indexes (e.g. ERIC, PubMed)	41.2	30.6	36.0	36.6	29.2	33.0
Digital image collections	17.0	10.6	13.9	11.7	8.9	10.3
Presentation software (e.g. PowerPoint, Keynote)	54.9	40.3	47.7	38.9	30.2	34.7
Audience response system ("Clickers")	16.0	7.7	12.0	10.6	4.9	7.8
Email	85.1	70.0	77.7	60.0	51.0	55.7
Online discussion boards	48.4	27.1	37.9	33.8	19.6	27.0
Online chat or instant messaging (e.g. AOL, MSN)	17.1	10.0	13.6	11.2	7.5	9.4
Text messaging via mobile phone	17.3	10.2	13.8	8.1	5.4	6.8
Online social networks (e.g. Facebook, del.icio.us)	19.4	11.6	15.6	9.8	7.6	8.7
Blogs or Web-based journals (e.g. Blogger, Live journal)	9.5	6.1	7.8	5.9	4.3	5.1
Collaborative Web-editing software (e.g. Wiki)	13.8	8.1	11.0	10.9	6.9	9.0
Online portfolios	10.1	6.0	8.1	7.0	6.4	6.7
Online surveys or quizzes	32.3	14.8	23.8	19.7	10.8	15.4
Online homework collection	35.3	23.2	29.4	25.0	16.3	20.8
Online simulations/educational games	9.3	6.0	7.7	6.3	4.3	5.4
Visualization technologies (e.g. interactive graphics, virtual reality)	9.3	6.6	8.0	5.9	4.3	5.1
Videoconferencing	4.8	4.8	4.8	3.1	3.3	3.2
Streaming video	15.2	7.1	11.2	10.7	6.8	8.8
Audio or video podcasting	14.3	8.5	11.5	11.5	6.8	9.2
RSS readers (e.g. RSSReader, NetNewsWire)	6.1	3.1	4.6	3.1	2.4	2.8
None of these	3.4	4.7	4.0	2.8	5.7	4.2
N	643	620	1263	615	576	1191

Q10 and Q16. Was this context part of your major course of study?

Context	Discipline %						Total %	Total N
	Humanities/ Social/Arts	Professional	Health Sci	Natural Sci	Engineering	Undecided/Other		
Seminar/small discussion	72.5	70.8	82.6	85.3	60.0	52.4	72.6	270
Large discussion	75.0	76.6	87.5	33.3	66.7	62.5	71.8	117
Small lecture	67.3	78.9	87.5	80.5	79.4	66.7	76.5	221
Large lecture	61.3	52.9	76.7	73.2	74.5	51.7	65.8	269
Online course	50.0	73.3	80.0	75.0	75.0	33.3	64.4	45
Lab (course-based)	100.0	66.7	100.0	88.0	88.0	50.0	89.5	86
Computer lab	66.7	54.5	100.0	40.0	80.0	100.0	65.6	32
Studio	75.0						60.0	15
Ensemble/rehearsal	50.0			33.3			42.9	7
Small group instruction	33.3	33.3	100.0	50.0	50.0	33.3	43.8	16
Field experience	100.0	100.0	100.0	25.0	100.0	100.0	78.6	14
Internship/practicum/clinic	61.5	80.0	91.7	100.0	66.7	80.0	76.2	42
Research team/lab	90.0	100.0	75.0	95.0	100.0	100.0	92.7	55
Online learning community		100.0					80.0	5
Workshop/training	33.3	33.3		50.0			33.3	9
Tutoring	100.0	100.0	66.7	40.0	50.0		61.5	13
Meeting with faculty	90.0	100.0	100.0	100.0	100.0	100.0	96.6	29
Office hours/independent study	100.0	60.0	100.0	100.0	100.0	66.7	83.3	18
Library Help Desk	100.0	100.0	100.0				100.0	3
Informal conversation	60.0	40.0			100.0	100.0	50.0	14
Other	100.0	100.0	100.0				83.3	6
Total	70.1	69.8	84.7	75.1	76.2	59.5	73.0	1286

Q12 and Q18. Which of the following, if any, describe the Web tools you used in this context? Select all that apply. (Web Tools)

Web Tools	Q12 (%)	Q18 (%)	Overall (%)
Catalyst	76.0	57.7	68.1
Courseware	25.1	22.9	24.1
Departmental	33.5	34.3	33.8
Other	6.1	11.2	8.3
N	526	402	928

Learning Context by Learning Goal (Q7/Q13 by Q8/Q14, aggregated)

Learning Goal %

Learning Context	Access / review course material	Develop thinking/ problem solving skills	Understand content	Actively participate/ share	Get real world exper	Synthesize experiences	Cultivate community and connection	Practice or expand skill set	Develop research skills	Other	Total N
Seminar/small discussion	12.5	15.1	19.6	26.2	1.8	7.4	1.5	11.1	4.1	0.4	271
Large discussion	15.3	19.5	30.5	20.3	0.8	4.2	1.7	5.1	1.7		118
Small lecture	20.6	16.1	40.4	6.7	3.1	3.1		5.8	2.2		223
Large lecture	35.5	9.2	42.1	3.7	1.1	0.7		3.7	1.8	0.7	273
Online course		8.9	22.2	13.3			2.2	8.9			45
Lab (course-based)	7.0	14.0	23.3	5.8	15.1	7.0		19.8	8.1		86
Computer lab		3.1	12.5	6.3	12.5	3.1		31.3	12.5		32
Studio		26.7		13.3	6.7			46.7			15
Ensemble/rehearsal											7
Small group instruction											16
Field experience		14.3			42.9			7.1	14.3		14
Internship/practicum/clinic		11.9	2.4	2.4	50.0	7.1		16.7			42
Research team/lab		12.7	1.8		16.4				40.0		55
Online learning community											5
Workshop/training	11.1		55.6					11.1			9
Tutoring								38.5			13
Meeting with faculty		6.9	17.2	27.6	3.4	3.4	3.4		27.6	3.4	29
Office hours/independent study		5.6						22.2	16.7		18
Library Help Desk									33.3		3
Informal conversation							21.4				14
Other				16.7						16.7	6
Total	18.3	13.3	27.6	12.6	5.6	3.7	1.7	9.9	6.0	0.8	1294

Learning Technologies within Learning Context (Q7/Q13 by Q9/Q15, aggregated)

Context	Learning Technology %											Total N
	webpage	word.proc	filesharing	web.storage	e.reserve	database	image	present.soft	clickers	email	discuss.bd	
Seminar/small discussion	66.8	71.6	19.2	19.9	44.3	44.3	10.7	49.4	3.3	78.6	29.2	271
Large discussion	74.6	68.6	26.3	26.3	46.6	40.7	16.9	46.6	10.2	77.1	41.5	118
Small lecture	78.5	64.1	21.5	27.4	32.7	33.2	11.2	52.5	9.4	77.6	38.1	223
Large lecture	82.8	52.7	17.6	20.9	33.3	24.5	16.1	51.3	31.5	75.1	54.6	273
Online course	88.9	73.3	46.7	44.4	44.4	37.8	8.9	42.2		75.6	80.0	45
Lab (course-based)	73.3	51.2	18.6	22.1	15.1	18.6	18.6	33.7		59.3	27.9	86
Computer lab	81.3	75.0	46.9	34.4	21.9	31.3	21.9	40.6		71.9	31.3	32
Studio	53.3	40.0	20.0	26.7	26.7	33.3	13.3	33.3		80.0	6.7	15
Ensemble/rehearsal										100.0		7
Small group instruction	50.0	37.5	18.8		31.3		18.8	18.8		56.3	37.5	16
Field experience	35.7	64.3	28.6	28.6	28.6	42.9	14.3	50.0		92.9	35.7	14
Internship/practicum/clinic	47.6	88.1	28.6	28.6	23.8	47.6	23.8	45.2		88.1	19.0	42
Research team/lab	25.5	78.2	36.4	41.8	40.0	74.5	10.9	69.1		83.6	12.7	55
Online learning community												5
Workshop/training	44.4	44.4	33.3	33.3			11.1	33.3		66.7		9
Tutoring		30.8								46.2		13
Meeting with faculty	6.9	44.8	10.3	13.8	24.1	44.8	3.4	34.5		86.2	6.9	29
Office hours/independent study	55.6	50.0	22.2	27.8	44.4	44.4	11.1	5.6		61.1	22.2	18
Library Help Desk		33.3										3
Informal conversation	28.6	21.4	14.3	14.3				14.3		71.4	21.4	14
Other	66.7	66.7	16.7	16.7	16.7	33.3		66.7		83.3	33.3	6
Total	68.5	62.2	22.6	24.5	34.8	35.2	13.5	46.6	11.7	75.8	37.0	1294

Table continues

Learning Technologies within Learning Context (Q7/Q13 by Q9/Q15, aggregated) -- continued

Context	Learning Technology %											Total N
	onlinechat	text	social.net	blog	wiki	port	survey.quiz	homework collect	simulations	visual	video	
Seminar/small discussion	8.5	8.9	12.2	7.0	10.3	9.6	12.5	23.6	3.3	4.1	2.6	271
Large discussion	20.3	18.6	17.8	12.7	16.1	12.7	28.0	39.0	12.7	12.7	9.3	118
Small lecture	13.0		16.6	7.2	11.7	6.3	22.4	31.4	7.6	8.1	3.6	223
Large lecture	14.3			5.1			38.5	39.2	11.0	10.3	4.0	273
Online course	20.0		2.2	8.9	13.3	15.6	46.7	57.8	6.7		4.4	45
Lab (course-based)				3.5	9.3	4.7	16.3	17.4	4.7	9.3		86
Computer lab	18.8		25.0	15.6	21.9	9.4	25.0	43.8	9.4	12.5		32
Studio		26.7	33.3			20.0			13.3			15
Ensemble/rehearsal												7
Small group instruction	18.8	31.3						18.8	12.5			16
Field experience	7.1	35.7				7.1	7.1	14.3		14.3	14.3	14
Internship/practicum/clinic	11.9	19.0				9.5	9.5	11.9			16.7	42
Research team/lab	7.3	7.3	7.3	12.7	18.2		12.7	3.6	9.1	5.5	7.3	55
Online learning community												5
Workshop/training							11.1				11.1	9
Tutoring												13
Meeting with faculty							6.9	6.9				29
Office hours/independent study	16.7	16.7	27.8	5.6	11.1							18
Library Help Desk												3
Informal conversation	42.9							7.1				14
Other								50.0				6
Total	13.3	13.4	15.2	7.7	10.7	7.9	23.2	28.7	7.5	7.8	4.7	1294

Table continues

Learning Technologies within Learning Context (Q7/Q13 by Q9/Q15, aggregated) -- continued

Context	Learning Technology %			Total N
	podcast	rss	none	
Seminar/small discussion	3.7	3.7	1.8	271
Large discussion	10.2	7.6	3.4	118
Small lecture	11.2		4.9	223
Large lecture	26.4		2.2	273
Online course	13.3			45
Lab (course-based)	3.5		9.3	86
Computer lab	3.1	6.3	6.3	32
Studio	6.7	6.7		15
Ensemble/rehearsal				7
Small group instruction				16
Field experience			7.1	14
Internship/practicum/clinic	4.8			42
Research team/lab		1.8		55
Online learning community				5
Workshop/training				9
Tutoring				13
Meeting with faculty			6.9	29
Office hours/independent study				18
Library Help Desk				3
Informal conversation			14.3	14
Other	16.7			6
Total	11.2	4.5	3.9	1294

Learning Technologies within Learning Goal (Q8/Q14 by Q9/Q15, aggregated)

Goal	Learning Technology %											Total N
	Webpage	word.proc	filesharing	web.storage	e.reserve	database	image	present.soft	clickers	email	discuss.bd	
Access and review course material	77.2	38.8	13.9	19.8	30.8	22.4	7.2	35.0	8.4	53.2	31.2	237
Develop thinking/problem solving skills	37.8	39.5	14.0	15.7	33.1	34.3	8.7	31.4	9.3	45.9	21.5	172
Understand content knowledge	58.5	42.0	10.9	12.3	27.2	27.2	11.5	30.0	9.0	49.9	28.0	357
Actively participate/share	38.0	44.8	14.7	13.5	21.5	28.8	6.7	35.0	3.1	53.4	27.6	163
Get real world experience	38.4	50.7	17.8	23.3	19.2	28.8	15.1	43.8	8.2	63.0	16.4	73
Synthesize experiences	45.8	54.2	25.0	33.3	39.6	50.0	12.5	22.9	10.4	50.0	33.3	48
Cultivate community and connection	27.3	31.8			9.1	13.6		18.2		63.6	18.2	22
Practice or expand skill set	43.8	52.3	21.9	14.8	19.5	24.2	10.2	24.2	5.5	49.2	18.8	128
Develop research skills	28.6	58.4	16.9	23.4	37.7	67.5	9.1	33.8		48.1	9.1	77
Other	30.0	70.0		30.0		30.0		60.0		70.0	10.0	10
Total	51.0	44.4	14.9	16.7	27.5	30.3	9.4	31.9	7.1	51.4	24.9	1287

*Table continues****Learning Technologies within Learning Goal (Q8/Q14 by Q9/Q15, aggregated) -- continued***

Goal	Learning Technology %									Total N
	online chat	text	social.net	blog	wiki	port	survey.quiz	Homework collect	simulations	
Access and review course material			6.8	1.3		4.2	16.5	25.3	4.6	237
Develop thinking/problem solving skills	7.0	5.2	5.8	7.0	7.6	6.4	11.0	18.0	4.7	172
Understand content knowledge	9.5		7.3	3.4	8.7	3.9	16.8	21.3	5.6	357
Actively participate/share	8.0		9.2	5.5	7.4	9.2	10.4	16.0	3.1	163
Get real world experience	13.7			6.8	6.8	11.0	11.0	15.1	2.7	73
Synthesize experiences	12.5	10.4	10.4	6.3	8.3	10.4	14.6	14.6	10.4	48
Cultivate community and connection	18.2		22.7	4.5	4.5	18.2		18.2		22
Practice or expand skill set					8.6	6.3	15.6	15.6	7.0	128
Develop research skills			9.1	9.1	13.0		10.4	11.7		77
Other								10.0		10
Total	8.6	6.2	8.1	4.7	8.2	6.1	14.1	19.0	5.0	1287

Table continues

Learning Technologies within Learning Goal (Q8/Q14 by Q9/Q15, aggregated) -- continued

Goal	Learning Technology %						Total N
	Visual	video	stream	podcast	rss	none	
Access and review course material	3.0	2.1	8.9	14.3			237
Develop thinking/problem solving skills	7.0	4.7	8.1	8.7		5.2	172
Understand content knowledge	5.6	2.5	10.1	9.8		4.5	357
Actively participate/share	1.8	1.8	4.3	4.3	1.2	3.7	163
Get real world experience	6.8	5.5	4.1	2.7		1.4	73
Synthesize experiences	8.3	2.1	10.4	4.2	2.1	2.1	48
Cultivate community and connection		4.5				9.1	22
Practice or expand skill set	5.5	2.3	7.8	4.7		4.7	128
Develop research skills	3.9	5.2	3.9		3.9	3.9	77
Other			20.0				10
Total	4.7	3.0	8.0	8.5	2.6	3.8	1287

Web Tools within Learning Context (Q7/Q13 by Q12/Q18, aggregated)

Context	Web Tool %				Total N
	Catalyst	Courseware	Dept'al	Other	
Seminar/small discussion	44.3%	14.8%	19.2%	3.7%	271
Large discussion	50.8	26.3	26.3	6.8	118
Small lecture	51.6	22.0	22.4	3.6	223
Large lecture	70.3	18.3	28.9	5.5	273
Online course	68.9	31.1	13.3	6.7	45
Lab (course-based)	41.9	10.5	32.6	10.5	86
Computer lab	53.1	21.9	28.1	9.4	32
Studio	20.0		33.3		15
Ensemble/rehearsal	14.3		14.3	14.3	7
Small group instruction	43.8	18.8	12.5	6.3	16
Field experience	28.6	21.4	21.4	7.1	14
Internship/practicum/clinic	19.0	7.1	31.0	14.3	42
Research team/lab	14.5	5.5	34.5	7.3	55
Online learning community	80.0	20.0			5
Workshop/training	44.4		11.1		9
Tutoring	46.2	15.4	15.4		13
Meeting with faculty	13.8	6.9	13.8	6.9	29
Office hours/independent study	22.2	22.2	22.2	11.1	18
Library Help Desk			33.3	33.3	3
Informal conversation	28.6	7.1	14.3	14.3	14
Other	66.7	33.3	33.3	16.7	6
Total	48.8	17.3	24.3	6.0	1294

Q19. Think of times when you needed to learn to do something new with a technology. Rate how helpful you found the following sources of support. (Supports)

Support	Never used %	Not helpful (1) %	Moderately helpful (2) %	Very helpful (3) %	Mn	SD	Valid N	Missing
Self (trial-and-error)	2.0	4.7	47.8	45.5	2.4	0.6	631	13
UW online help or tutorial	39.3	9.9	38.9	11.9	2.0	0.6	387	19
Non-UW online help or tutorial	24.1	10.1	51.3	14.4	2.1	0.6	479	26
Teaching assistant	33.9	7.5	36.7	21.8	2.2	0.6	421	20
Departmental technical support	57.5	9.7	21.1	11.6	2.0	0.7	270	21
Computer lab assistants	63.1	8.7	19.1	9.1	2.0	0.7	234	22
Instructor/Professor	21.4	12.0	40.6	25.9	2.2	0.7	503	17
Classmates	7.5	4.5	47.0	41.0	2.4	0.6	594	15
Friends	12.2	6.6	41.4	39.8	2.4	0.6	560	19
Family	38.8	18.7	27.3	15.2	1.9	0.7	390	20
Catalyst workshop	77.7	6.5	11.7	4.1	1.9	0.7	141	25
Catalyst help (email or phone)	77.7	6.2	10.1	6.0	2.0	0.7	141	26
Library workshops and training	77.2	5.2	12.8	4.8	2.0	0.7	144	26
Library help desk	62.1	6.5	18.9	12.5	2.2	0.7	240	23
Learning Commons help desk consultants	84.6	4.8	7.0	3.5	1.9	0.7	96	32

Q20. If and when you used or planned to use technology to support your learning, to what extent (if at all) did the following present an obstacle to you? (Obstacles)

Obstacle	Not obstacle (1) %	Minor obstacle (2) %	Major obstacle (3) %	Mn	SD	Valid N	Missing
Lack of adequate training on technology required for coursework	36.8	52.6	10.6	1.7	0.6	644	13
Lack of knowledge about where to go to learn the technology	48.7	39.7	11.6	1.6	0.7	639	18
Lack of time to learn how to use the technology	30.9	38.1	31.0	2.0	0.8	635	22
Lack of timely support for technical problems	52.7	35.7	11.6	1.6	0.7	638	19
Lack of personal motivation	49.8	39.2	11.0	1.6	0.7	636	21
Concern about a technical problem affecting my grade	58.0	33.0	9.0	1.5	0.7	636	21
Inability of my instructor to use technology well	47.3	39.7	13.0	1.7	0.7	639	18
Lack of ability to access software or equipment (e.g. videocamera, laptop) when I need it	62.0	28.6	9.3	1.5	0.7	632	25
Lack of ability to access online tools for class from my home or dorm room	65.2	23.7	11.1	1.5	0.7	638	19
Incompatibilities between my computing environment (Mac, PC, or Linux) and the tools I need	56.4	32.1	11.5	1.6	0.7	635	22
Poorly functioning or inadequate technology in my learning environment	61.5	30.6	7.8	1.5	0.6	637	20

Q21. Please respond to the following statements on a scale of 1 to 5. (Likerts)

	Strongly Agree (1) %	Agree (2) %	No opinion (3) %	Disagree (4) %	Strongly disagree (5) %	Mn	SD	Valid N	Missing
In general, my instructors' use of educational technologies enhances my learning	22.6	60.3	10.2	5.3	1.6	2.0	0.8	645	12
Faculty should use more technologies that encourage interaction in class	26.1	40.1	24.2	6.8	2.8	2.2	1.0	644	13
Too much technology in the classroom gets in the way of my learning	7.8	24.0	25.3	33.9	9.0	3.1	1.1	643	14
I have considered dropping or not enrolling in a course because of the technology that it required	3.6	7.5	18.7	31.9	38.4	3.9	1.1	643	14
Overall, the learning technologies available at UW are adequate for my needs	17.5	60.7	14.9	5.1	1.7	2.1	0.8	644	13

Q22. Below is a list of changes that could enhance the use of learning and scholarly technologies at UW. Considering your own learning goals, what priority would you assign each item below? (Priorities)

Priority	Low priority (1) %	Medium (2) %	High priority (3) %	Mn	SD	Valid N	Missing
Agreement on common set of software for use in 1 st & 2 nd year courses	39.5	46.5	14.0	1.7	0.7	641	16
Reliable wireless access	4.0	17.0	78.9	2.7	0.5	646	11
Reliable and consistent technology/software in all classrooms	9.2	33.9	56.9	2.5	0.7	643	14
More computer labs with collaborative spaces	29.1	44.8	26.0	2.0	0.7	645	12
Tools for file sharing with classmates	31.8	47.9	20.3	1.9	0.7	645	12
Departmental training on specialized software	24.5	46.4	29.1	2.0	0.7	640	17
More digital equipment available for student use	34.1	47.2	18.8	1.8	0.7	640	17
Up-to-date computers and programs in computer labs	11.1	40.2	48.8	2.4	0.7	642	15
More interactive online courses	49.5	32.5	18.0	1.7	0.8	643	14
Greater opportunities for audio podcasting	45.0	32.7	22.3	1.8	0.8	642	15
Greater opportunities for video podcasting	40.1	33.9	26.1	1.9	0.8	641	16
Greater opportunities for visualization technologies (e.g. interactive graphics, virtual reality)	46.0	37.9	16.1	1.7	0.7	641	16

LST Survey 2008 Selected Descriptives by Discipline: Students – Humanities, Social Science, Arts

*Debbie E McGhee
September 2008*

<u>Humanities, Social Science, Arts:</u>	Architecture, A&S–Arts, A&S–Humanities, A&S–Social Sciences, Education, Educational Outreach
<u>Professional:</u>	Business, Information School, Law, Libraries, Public Affairs
<u>Health Sciences:</u>	Dentistry, Medicine, Nursing, Pharmacy, Public Health, Social Work
<u>Natural Sciences:</u>	A&S–Natural Sciences, Forest Resources, Fisheries
<u>Engineering</u>	
<u>Other:</u>	Undecided or Other

Q1. Which best describes your status as a student at the University of Washington? (Status)

Status	%
Freshman	9.9
Sophomore	9.3
Junior	28.6
Senior	25.3
Masters	10.4
Doctoral	12.6
Other	3.8
Total N	182

Q2. Which of the following broad areas best describes your major course of study (declared or undeclared)? (Major area)

Major area	Column%
Architecture	7.7
A&S–Arts	21.4
A&S–Humanities	14.8
A&S–Social Sciences	46.2
Education	9.9
Educational Outreach	0.0
Total N	182

Q3. What is your gender? (Gender)

Gender	%
Male	26.5
Female	73.5
Total N	181

Q4. What is your age? (Age)

Age	%
< 20	13.3
20-25	58.0
26-30	11.0
31-35	6.6
36-40	2.2
41+	8.8
Total N	181

Q5. Which best describes your current residence? (Residence)

Residence	%
UW housing	16.6
Off-campus w/guardian	14.4
Off-campus w/other	69.1
Total N	181

Q6. On a scale of 1 to 5, how would you rate your current technological expertise? (Technological Expertise)

	Beginner %		Intermediate %		Expert %	Mn	SD	N	Missing
	1	2	3	4	5				
Total	2.2	18.1	52.2	24.2	3.3	3.1	0.8	182	0

Learning Context (Q7/Q13, aggregated) by Discipline

Context	Discipline %					
	Humanities/ Social/ Arts (N = 181)	Professional (N = 120)	Health Sci (N = 99)	Natural Sci (N = 103)	Engineering (N = 94)	Undecided/ Other (N = 57)
Seminar/small discussion	49.7	39.2	43.4	33.0	30.9	36.8
Large discussion	19.9	39.2	8.1	8.7	9.6	14.0
Small lecture	27.1	29.2	32.3	38.8	37.2	45.6
Large lecture	41.4	26.7	43.4	38.8	47.9	52.6
Online course	7.7	11.7	5.1	2.9	4.3	5.3
Lab (course-based)	5.0	5.0	19.2	24.3	26.6	3.5
Computer lab	3.3	9.2	4.0	4.9	5.3	1.8
Studio	6.6	0.8	1.0	1.0		
Ensemble/rehearsal	2.2			2.9		
Small group instruction	1.7	2.5	1.0	3.9	2.1	5.3
Field experience	2.8	1.7	1.0	3.9	1.1	1.8
Internship/practicum/clinic	7.2	4.2	11.1	1.0	6.4	8.8
Research team/lab	5.5	1.7	8.1	18.4	14.9	1.8
Online learning community		3.3				1.8
Workshop/training	1.7	2.5		1.9		1.8
Tutoring	1.1	0.8	2.0	4.9	2.1	
Meeting with faculty	5.5	2.5	5.1	3.9	3.2	7.0
Office hours/independent study	2.8	4.2	3.0	1.0	1.1	5.3
Library Help Desk	0.6	0.8	1.0			
Informal conversation	2.8	4.2	1.0	1.0	1.1	1.8
Other	0.6	0.8	3.0		1.1	

Learning Goals (Q8/Q14, aggregated) by Discipline

Goal	Discipline %					
	Humanities/ Social/ Arts (N = 181)	Professional (N = 120)	Health Sci (N = 99)	Natural Sci (N = 103)	Engineering (N = 94)	Undecided/ Other (N = 57)
Access and review course material	29.3	35.0	35.4	36.9	31.9	35.1
Develop thinking/problem solving skills	19.9	23.3	31.3	25.2	30.9	19.3
Understand content knowledge	47.0	41.7	44.4	48.5	51.1	52.6
Actively participate/share	27.6	23.3	23.2	21.4	19.1	29.8
Get real world experience	8.8	11.7	11.1	4.9	17.0	14.0
Synthesize experiences	8.8	10.8	8.1	1.9	5.3	5.3
Cultivate community and connection	7.2	3.3	1.0	1.9		3.5
Practice or expand skill set	21.0	21.7	14.1	19.4	18.1	15.8
Develop research skills	10.5	5.0	15.2	18.4	10.6	8.8
Other	2.2	4.2			1.1	

Web Tools (Q12/Q18, aggregated) by Discipline

Web Tool	Humanities/ Social/ Arts (N = 181)	Professional (N = 120)	Health Sci (N = 99)	Natural Sci (N = 103)	Engineering (N = 94)	Undecided/ Other (N = 57)
	%	%	%	%	%	%
Catalyst	70.9	68.3	72.7	56.7	72.3	66.7
CMS	24.2	47.5	20.2	14.4	18.1	28.1
Dept.	34.6	26.7	37.4	41.3	40.4	26.3
Other	8.8	13.3	7.1	8.7	13.8	8.8

Q19. Think of times when you needed to learn to do something new with a technology. Rate how helpful you found the following sources of support. (Supports)

Support	Never used %	Not helpful (1) %	Moderately helpful (2) %	Very helpful (3) %	Mn	SD	Valid N	Missing
Self (trial-and-error)	1.7	2.8	51.4	44.2	2.4	0.5	178	1
UW online help or tutorial	37.1	9.6	41.0	12.4	2.0	0.6	112	4
Non-UW online help or tutorial	29.0	9.7	50.6	10.8	2.0	0.5	125	6
Teaching assistant	36.0	6.2	36.0	21.9	2.2	0.6	114	4
Departmental technical support	52.8	7.9	27.5	11.8	2.1	0.6	84	4
Computer lab assistants	60.5	7.9	19.8	11.9	2.1	0.7	70	5
Instructor/Professor	21.7	9.4	43.9	25.0	2.2	0.6	141	2
Classmates	7.3	5.6	48.6	38.5	2.4	0.6	166	3
Friends	13.4	5.6	43.0	38.0	2.4	0.6	155	3
Family	37.9	13.0	30.5	18.6	2.1	0.7	110	5
Catalyst workshop	71.2	9.0	15.8	4.0	1.8	0.7	51	5
Catalyst help (email or phone)	70.8	7.9	12.9	8.4	2.0	0.8	52	4
Library workshops and training	72.3	5.6	15.3	6.8	2.0	0.7	49	5
Library help desk	54.2	8.4	21.2	16.2	2.2	0.7	82	3
Learning Commons help desk consultants	80.7	4.5	9.1	5.7	2.1	0.7	34	6

Q20. If and when you used or planned to use technology to support your learning, to what extent (if at all) did the following present an obstacle to you? (Obstacles)

Obstacle	Not obstacle (1) %	Minor obstacle (2) %	Major obstacle (3) %	Mn	SD	Valid N	Missing
Lack of adequate training on technology required for coursework	32.6	54.7	12.7	1.8	0.6	181	1
Lack of knowledge about where to go to learn the technology	46.4	44.1	9.5	1.6	0.7	179	3
Lack of time to learn how to use the technology	33.9	34.5	31.6	2.0	0.8	177	5
Lack of timely support for technical problems	54.7	31.3	14.0	1.6	0.7	179	3
Lack of personal motivation	48.0	42.9	9.0	1.6	0.6	177	5
Concern about a technical problem affecting my grade	57.9	32.6	9.6	1.5	0.7	178	4
Inability of my instructor to use technology well	42.8	43.9	13.3	1.7	0.7	180	2
Lack of ability to access software or equipment (e.g. videocamera, laptop) when I need it	57.6	32.8	9.6	1.5	0.7	177	5
Lack of ability to access online tools for class from my home or dorm room	62.8	25.0	12.2	1.5	0.7	180	2
Incompatibilities between my computing environment (Mac, PC, or Linux) and the tools I need	50.8	33.5	15.6	1.6	0.7	179	3
Poorly functioning or inadequate technology in my learning environment	52.2	36.5	11.2	1.6	0.7	178	4

Q21. Please respond to the following statements on a scale of 1 to 5. (Likerts)

	Strongly Agree (1) %	Agree (2) %	No opinion (3) %	Disagree (4) %	Strongly disagree (5) %	Mn	SD	Valid N	Missing
In general, my instructors' use of educational technologies enhances my learning	21.5	59.7	13.3	4.4	1.1	2.0	0.8	181	1
Faculty should use more technologies that encourage interaction in class	27.6	38.7	25.4	4.4	3.9	2.2	1.0	181	1
Too much technology in the classroom gets in the way of my learning	9.4	27.1	25.4	28.2	9.9	3.0	1.2	181	1
I have considered dropping/not enrolling in a course because of the tech that it required	5.0	5.5	22.1	33.7	33.7	3.9	1.1	181	1
Overall, the learning technologies available at UW are adequate for my needs	17.1	58.0	16.0	7.2	1.7	2.2	0.9	181	1

Q22. Below is a list of changes that could enhance the use of learning and scholarly technologies at UW. Considering your own learning goals, what priority would you assign each item below? (Priorities)

Priority	Low priority (1) %	Medium (2) %	High priority (3) %	Mn	SD	Valid N	Missing
Agreement on common set of software for use in 1 st & 2 nd year courses	45.6	40.0	14.4	1.7	0.7	180	2
Reliable wireless access	4.4	14.4	81.2	2.8	0.5	181	1
Reliable and consistent technology/software in all classrooms	5.6	33.0	61.5	2.6	0.6	179	3
More computer labs with collaborative spaces	27.1	46.4	26.5	2.0	0.7	181	1
Tools for file sharing with classmates	30.9	48.1	21.0	1.9	0.7	181	1
Departmental training on specialized software	24.0	41.3	34.6	2.1	0.8	179	3
More digital equipment available for student use	25.7	49.2	25.1	2.0	0.7	179	3
Up-to-date computers and programs in computer labs	6.7	37.2	56.1	2.5	0.6	180	2
More interactive online courses	47.5	32.0	20.4	1.7	0.8	181	1
Greater opportunities for audio podcasting	42.8	32.8	24.4	1.8	0.8	180	2
Greater opportunities for video podcasting	40.3	34.3	25.4	1.9	0.8	181	1
Greater opportunities for visualization technologies (e.g. interactive graphics, virtual reality)	44.4	38.9	16.7	1.7	0.7	180	2

LST Survey 2008 Selected Descriptives by Discipline: Students – Professional

*Debbie E McGhee
September 2008*

<u>Humanities, Social Science, Arts:</u>	Architecture, A&S–Arts, A&S–Humanities, A&S–Social Sciences, Education, Educational Outreach
<u>Professional:</u>	Business, Information School, Law, Libraries, Public Affairs
<u>Health Sciences:</u>	Dentistry, Medicine, Nursing, Pharmacy, Public Health, Social Work
<u>Natural Sciences:</u>	A&S–Natural Sciences, Forest Resources, Fisheries
<u>Engineering</u>	
<u>Other:</u>	Undecided or Other

Q1. Which best describes your status as a student at the University of Washington? (Status)

Status	%
Freshman	10.0
Sophomore	15.8
Junior	15.8
Senior	17.5
Masters	35.0
Doctoral	2.5
Other	3.3
Total N	120

Q2. Which of the following broad areas best describes your major course of study (declared or undeclared)? (Major area)

Major area	%
Business	54.2
Information School	22.5
Law	10.0
Libraries	0.0
Public Affairs	13.3
Total N	120

Q3. What is your gender? (Gender)

Gender	%
Male	37.0
Female	63.0
Total N	119

Q4. What is your age? (Age)

Age	%
< 20	21.7
20-25	39.2
26-30	15.8
31-35	10.8
36-40	5.0
41+	7.5
Total N	120

Q5. Which best describes your current residence? (Residence)

Residence	%
UW housing	21.0
Off-campus w/guardian	10.1
Off-campus w/other	68.9
Total N	119

Q6. On a scale of 1 to 5, how would you rate your current technological expertise? (Technological Expertise)

	Beginner		Intermed		Expert		Mn	SD	N	Missing
	1	2	3	4	5					
	%	%	%		%					
Total	2.5	11.7	48.3	24.2	13.3	3.3	0.9	120	0	

Learning Context (Q7/Q13, aggregated) by Discipline

Context	Discipline %						
	Humanities/ Social/ Arts (N = 181)	Professional (N = 120)	Health Sci (N = 99)	Natural Sci (N = 103)	Engineering (N = 94)	Undecided/ Other (N = 57)	
Seminar/small discussion	49.7	39.2	43.4	33.0	30.9	36.8	
Large discussion	19.9	39.2	8.1	8.7	9.6	14.0	
Small lecture	27.1	29.2	32.3	38.8	37.2	45.6	
Large lecture	41.4	26.7	43.4	38.8	47.9	52.6	
Online course	7.7	11.7	5.1	2.9	4.3	5.3	
Lab (course-based)	5.0	5.0	19.2	24.3	26.6	3.5	
Computer lab	3.3	9.2	4.0	4.9	5.3	1.8	
Studio	6.6	0.8	1.0	1.0			
Ensemble/rehearsal	2.2			2.9			
Small group instruction	1.7	2.5	1.0	3.9	2.1	5.3	
Field experience	2.8	1.7	1.0	3.9	1.1	1.8	
Internship/practicum/clinic	7.2	4.2	11.1	1.0	6.4	8.8	
Research team/lab	5.5	1.7	8.1	18.4	14.9	1.8	
Online learning community		3.3				1.8	
Workshop/training	1.7	2.5		1.9		1.8	
Tutoring	1.1	0.8	2.0	4.9	2.1		
Meeting with faculty	5.5	2.5	5.1	3.9	3.2	7.0	
Office hours/independent study	2.8	4.2	3.0	1.0	1.1	5.3	
Library Help Desk	0.6	0.8	1.0				
Informal conversation	2.8	4.2	1.0	1.0	1.1	1.8	
Other	0.6	0.8	3.0		1.1		

Learning Goals (Q8/Q14, aggregated) by Discipline

Goal	Discipline %					
	Humanities/ Social/ Arts (N = 181)	Professional (N = 120)	Health Sci (N = 99)	Natural Sci (N = 103)	Engineering (N = 94)	Undecided/ Other (N = 57)
Access and review course material	29.3	35.0	35.4	36.9	31.9	35.1
Develop thinking/problem solving skills	19.9	23.3	31.3	25.2	30.9	19.3
Understand content knowledge	47.0	41.7	44.4	48.5	51.1	52.6
Actively participate/share	27.6	23.3	23.2	21.4	19.1	29.8
Get real world experience	8.8	11.7	11.1	4.9	17.0	14.0
Synthesize experiences	8.8	10.8	8.1	1.9	5.3	5.3
Cultivate community and connection	7.2	3.3	1.0	1.9		3.5
Practice or expand skill set	21.0	21.7	14.1	19.4	18.1	15.8
Develop research skills	10.5	5.0	15.2	18.4	10.6	8.8
Other	2.2	4.2			1.1	

Web Tools (Q12/Q18, aggregated) by Discipline

Web Tool	Humanities/ Social/ Arts	Professional	Health Sci	Natural Sci	Engineering	Undecided/ Other
	(N = 181) %	(N = 120) %	(N = 99) %	(N = 103) %	(N = 94) %	(N = 57) %
Catalyst	70.9	68.3	72.7	56.7	72.3	66.7
CMS	24.2	47.5	20.2	14.4	18.1	28.1
Dept.	34.6	26.7	37.4	41.3	40.4	26.3
Other	8.8	13.3	7.1	8.7	13.8	8.8

Q19. Think of times when you needed to learn to do something new with a technology. Rate how helpful you found the following sources of support. (Supports)

Support	Never used	Not helpful	Moderately helpful	Very helpful	Mn	SD	Valid N	Missing
	%	(1) %	(2) %	(3) %				
Self (trial-and-error)	3.5	5.2	53.9	37.4	2.3	0.6	111	5
UW online help or tutorial	31.6	13.2	38.6	16.7	2.1	0.7	78	6
Non-UW online help or tutorial	19.6	8.0	53.6	18.8	2.1	0.6	90	8
Teaching assistant	37.1	5.2	33.6	24.1	2.3	0.6	73	4
Departmental technical support	60.2	11.5	18.6	9.7	2.0	0.7	45	7
Computer lab assistants	65.8	10.5	14.9	8.8	1.9	0.8	39	6
Instructor/Professor	21.6	12.9	39.7	25.9	2.2	0.7	91	4
Classmates	6.0	3.4	54.7	35.9	2.3	0.5	110	3
Friends	10.4	8.7	43.5	37.4	2.3	0.6	103	5
Family	36.0	23.7	28.9	11.4	1.8	0.7	73	6
Catalyst workshop	72.6	8.0	13.3	6.2	1.9	0.7	31	7
Catalyst help (email or phone)	74.1	8.9	11.6	5.4	1.9	0.7	29	8
Library workshops and training	71.4	6.2	16.1	6.2	2.0	0.7	32	8
Library help desk	64.0	7.2	17.1	11.7	2.1	0.7	40	9
Learning Commons help desk consultants	83.8	7.2	5.4	3.6	1.8	0.8	18	9

Q20. If and when you used or planned to use technology to support your learning, to what extent (if at all) did the following present an obstacle to you? (Obstacles)

Obstacle	Not obstacle (1) %	Minor obstacle (2) %	Major obstacle (3) %	Mn	SD	Valid N	Missing
Lack of adequate training on technology required for coursework	38.3	53.0	8.7	1.7	0.6	115	5
Lack of knowledge about where to go to learn the technology	50.9	38.6	10.5	1.6	0.7	114	6
Lack of time to learn how to use the technology	24.8	45.1	30.1	2.1	0.7	113	7
Lack of timely support for technical problems	49.6	38.9	11.5	1.6	0.7	113	7
Lack of personal motivation	58.8	31.6	9.6	1.5	0.7	114	6
Concern about a technical problem affecting my grade	60.5	29.8	9.6	1.5	0.7	114	6
Inability of my instructor to use technology well	47.4	42.1	10.5	1.6	0.7	114	6
Lack of ability to access software or equipment (e.g. videocamera, laptop) when I need it	63.2	28.9	7.9	1.4	0.6	114	6
Lack of ability to access online tools for class from my home or dorm room	65.8	23.7	10.5	1.4	0.7	114	6
Incompatibilities between my computing environment (Mac, PC, or Linux) and the tools I need	60.4	30.6	9.0	1.5	0.7	111	9
Poorly functioning or inadequate technology in my learning environment	64.0	28.9	7.0	1.4	0.6	114	6

Q21. Please respond to the following statements on a scale of 1 to 5. (Likerts)

	Strongly Agree (1) %	Agree (2) %	No opinion (3) %	Disagree (4) %	Strongly disagree (5) %	Mn	SD	Valid N	Missing
In general, my instructors' use of educational technologies enhances my learning	20.5	69.2	5.1	5.1		1.9	0.7	117	3
Faculty should use more technologies that encourage interaction in class	27.6	42.2	22.4	6.9	0.9	2.1	0.9	116	4
Too much technology in the classroom gets in the way of my learning	7.8	17.2	28.4	37.1	9.5	3.2	1.1	116	4
I have considered dropping/not enrolling in a course because of the tech that it required	2.6	6.1	20.0	30.4	40.9	4.0	1.0	115	5
Overall, the learning technologies available at UW are adequate for my needs	12.9	65.5	12.9	6.9	1.7	2.2	0.8	116	4

Q22. Below is a list of changes that could enhance the use of learning and scholarly technologies at UW. Considering your own learning goals, what priority would you assign each item below? (Priorities)

Priority	Low priority (1) %	Medium (2) %	High priority (3) %	Mn	SD	Valid N	Missing
Agreement on common set of software for use in 1 st & 2 nd year courses	29.3	50.9	19.8	1.9	0.7	116	4
Reliable wireless access	1.7	16.2	82.1	2.8	0.4	117	3
Reliable and consistent technology/software in all classrooms	7.7	30.8	61.5	2.5	0.6	117	3
More computer labs with collaborative spaces	24.8	48.7	26.5	2.0	0.7	117	3
Tools for file sharing with classmates	33.3	46.2	20.5	1.9	0.7	117	3
Departmental training on specialized software	21.6	52.6	25.9	2.0	0.7	116	4
More digital equipment available for student use	40.0	48.7	11.3	1.7	0.7	115	5
Up-to-date computers and programs in computer labs	12.9	45.7	41.4	2.3	0.7	116	4
More interactive online courses	46.1	36.5	17.4	1.7	0.7	115	5
Greater opportunities for audio podcasting	44.0	37.9	18.1	1.7	0.7	116	4
Greater opportunities for video podcasting	40.0	38.3	21.7	1.8	0.8	115	5
Greater opportunities for visualization technologies (e.g. interactive graphics, virtual reality)	47.8	40.0	12.2	1.6	0.7	115	5

LST Survey 2008 Selected Descriptives by Discipline: Students – Health Sciences

*Debbie E McGhee
September 2008*

<u>Humanities, Social Science, Arts:</u>	Architecture, A&S–Arts, A&S–Humanities, A&S–Social Sciences, Education, Educational Outreach
<u>Professional:</u>	Business, Information School, Law, Libraries, Public Affairs
<u>Health Sciences:</u>	Dentistry, Medicine, Nursing, Pharmacy, Public Health, Social Work
<u>Natural Sciences:</u>	A&S–Natural Sciences, Forest Resources, Fisheries
<u>Engineering</u>	
<u>Other:</u>	Undecided or Other

Q1. Which best describes your status as a student at the University of Washington? (Status)

Status	%
Freshman	7.1
Sophomore	8.1
Junior	9.1
Senior	10.1
Masters	18.2
Doctoral	34.3
Other	13.1
Total N	99

Q2. Which of the following broad areas best describes your major course of study (declared or undeclared)? (Major area)

Major area	%
Dentistry	3.0
Medicine	39.4
Nursing	17.2
Pharmacy	14.1
Public Health	19.2
Social Work	7.1
Total N	99

Q3. What is your gender? (Gender)

Gender	%
Male	27.3
Female	72.7
Total N	99

Q4. What is your age? (Age)

Age	%
< 20	15.2
20-25	34.3
26-30	28.3
31-35	12.1
36-40	4.0
41+	6.1
Total N	99

Q5. Which best describes your current residence? (Residence)

Residence	%
UW housing	12.1
Off-campus w/guardian	6.1
Off-campus w/other	81.8
Total N	99

Q6. On a scale of 1 to 5, how would you rate your current technological expertise? (Technological Expertise)

	Beginner		Intermed		Expert		Mn	SD	N	Missing
	1 %	2 %	3 %	4 %	5 %					
Total	4.0	17.2	60.6	14.1	4.0	3.0	0.8	99	0	

Learning Context (Q7/Q13, aggregated) by Discipline

Context	Discipline %					
	Humanities/ Social/ Arts (N = 181)	Professional (N = 120)	Health Sci (N = 99)	Natural Sci (N = 103)	Engineering (N = 94)	Undecided/ Other (N = 57)
Seminar/small discussion	49.7	39.2	43.4	33.0	30.9	36.8
Large discussion	19.9	39.2	8.1	8.7	9.6	14.0
Small lecture	27.1	29.2	32.3	38.8	37.2	45.6
Large lecture	41.4	26.7	43.4	38.8	47.9	52.6
Online course	7.7	11.7	5.1	2.9	4.3	5.3
Lab (course-based)	5.0	5.0	19.2	24.3	26.6	3.5
Computer lab	3.3	9.2	4.0	4.9	5.3	1.8
Studio	6.6	0.8	1.0	1.0		
Ensemble/rehearsal	2.2			2.9		
Small group instruction	1.7	2.5	1.0	3.9	2.1	5.3
Field experience	2.8	1.7	1.0	3.9	1.1	1.8
Internship/practicum/clinic	7.2	4.2	11.1	1.0	6.4	8.8
Research team/lab	5.5	1.7	8.1	18.4	14.9	1.8
Online learning community		3.3				1.8
Workshop/training	1.7	2.5		1.9		1.8
Tutoring	1.1	0.8	2.0	4.9	2.1	
Meeting with faculty	5.5	2.5	5.1	3.9	3.2	7.0
Office hours/independent study	2.8	4.2	3.0	1.0	1.1	5.3
Library Help Desk	0.6	0.8	1.0			
Informal conversation	2.8	4.2	1.0	1.0	1.1	1.8
Other	0.6	0.8	3.0		1.1	

Learning Goals (Q8/Q14, aggregated) by Discipline

Goal	Discipline %					
	Humanities/ Social/ Arts (N = 181)	Professional (N = 120)	Health Sci (N = 99)	Natural Sci (N = 103)	Engineering (N = 94)	Undecided/ Other (N = 57)
Access and review course material	29.3	35.0	35.4	36.9	31.9	35.1
Develop thinking/problem solving skills	19.9	23.3	31.3	25.2	30.9	19.3
Understand content knowledge	47.0	41.7	44.4	48.5	51.1	52.6
Actively participate/share	27.6	23.3	23.2	21.4	19.1	29.8
Get real world experience	8.8	11.7	11.1	4.9	17.0	14.0
Synthesize experiences	8.8	10.8	8.1	1.9	5.3	5.3
Cultivate community and connection	7.2	3.3	1.0	1.9		3.5
Practice or expand skill set	21.0	21.7	14.1	19.4	18.1	15.8
Develop research skills	10.5	5.0	15.2	18.4	10.6	8.8
Other	2.2	4.2			1.1	

Web Tools (Q12/Q18, aggregated) by Discipline

Web Tool	Humanities/ Social/ Arts	Professional	Health Sci	Natural Sci	Engineering	Undecided/ Other
	(N = 181) %	(N = 120) %	(N = 99) %	(N = 103) %	(N = 94) %	(N = 57) %
Catalyst	70.9	68.3	72.7	56.7	72.3	66.7
CMS	24.2	47.5	20.2	14.4	18.1	28.1
Dept.	34.6	26.7	37.4	41.3	40.4	26.3
Other	8.8	13.3	7.1	8.7	13.8	8.8

Q19. Think of times when you needed to learn to do something new with a technology. Rate how helpful you found the following sources of support. (Supports)

Support	Never used	Not helpful	Moderately helpful	Very helpful	Mn	SD	Valid N	Missing
	%	(1) %	(2) %	(3) %				
Self (trial-and-error)	1.0	4.1	43.3	51.5	2.5	0.6	96	2
UW online help or tutorial	41.2	10.3	38.1	10.3	2.0	0.6	57	2
Non-UW online help or tutorial	25.0	15.6	50.0	9.4	1.9	0.6	72	3
Teaching assistant	39.2	6.2	39.2	15.5	2.2	0.6	59	2
Departmental technical support	58.2	9.2	15.3	17.3	2.2	0.8	41	1
Computer lab assistants	68.4	4.1	19.4	8.2	2.1	0.6	31	1
Instructor/Professor	18.4	21.4	36.7	23.5	2.0	0.7	80	1
Classmates	4.1	3.1	43.9	49.0	2.5	0.6	94	1
Friends	11.3	5.2	40.2	43.3	2.4	0.6	86	2
Family	41.8	18.4	20.4	19.4	2.0	0.8	57	1
Catalyst workshop	86.6	3.1	6.2	4.1	2.1	0.8	13	2
Catalyst help (email or phone)	85.4	2.1	8.3	4.2	2.1	0.7	14	3
Library workshops and training	73.2	4.1	15.5	7.2	2.1	0.7	26	2
Library help desk	57.1	9.2	21.4	12.2	2.1	0.7	42	1
Learning Commons help desk consultants	87.4	4.2	5.3	3.2	1.9	0.8	12	4

Q20. If and when you used or planned to use technology to support your learning, to what extent (if at all) did the following present an obstacle to you? (Obstacles)

Obstacle	Not obstacle (1) %	Minor obstacle (2) %	Major obstacle (3) %	Mn	SD	Valid N	Missing
Lack of adequate training on technology required for coursework	35.1	49.5	15.5	1.8	0.7	97	2
Lack of knowledge about where to go to learn the technology	46.4	38.1	15.5	1.7	0.7	97	2
Lack of time to learn how to use the technology	25.5	38.8	35.7	2.1	0.8	98	1
Lack of timely support for technical problems	54.6	37.1	8.2	1.5	0.6	97	2
Lack of personal motivation	43.8	43.8	12.5	1.7	0.7	96	3
Concern about a technical problem affecting my grade	57.7	34.0	8.2	1.5	0.6	97	2
Inability of my instructor to use technology well	46.4	38.1	15.5	1.7	0.7	97	2
Lack of ability to access software or equipment (e.g. videocamera, laptop) when I need it	64.2	25.3	10.5	1.5	0.7	95	4
Lack of ability to access online tools for class from my home or dorm room	68.8	21.9	9.4	1.4	0.7	96	3
Incompatibilities between my computing environment (Mac, PC, or Linux) and the tools I need	57.1	33.7	9.2	1.5	0.7	98	1
Poorly functioning or inadequate technology in my learning environment	64.6	26.0	9.4	1.4	0.7	96	3

Q21. Please respond to the following statements on a scale of 1 to 5. (Likerts)

	Strongly Agree (1) %	Agree (2) %	No opinion (3) %	Disagree (4) %	Strongly disagree (5) %	Mn	SD	Valid N	Missing
In general, my instructors' use of educational technologies enhances my learning	22.7	63.9	8.2	3.1	2.1	2.0	0.8	97	2
Faculty should use more technologies that encourage interaction in class	21.9	43.8	26.0	7.3	1.0	2.2	0.9	96	3
Too much technology in the classroom gets in the way of my learning	5.2	29.2	21.9	35.4	8.3	3.1	1.1	96	3
I have considered dropping/not enrolling in a course because of the tech that it required	4.1	6.2	10.3	42.3	37.1	4.0	1.1	97	2
Overall, the learning technologies available at UW are adequate for my needs	28.9	50.5	15.5	3.1	2.1	2.0	0.9	97	2

Q22. Below is a list of changes that could enhance the use of learning and scholarly technologies at UW. Considering your own learning goals, what priority would you assign each item below? (Priorities)

Priority	Low priority (1) %	Medium (2) %	High priority (3) %	Mn	SD	Valid N	Missing
Agreement on common set of software for use in 1 st & 2 nd year courses	45.3	45.3	9.5	1.6	0.7	95	4
Reliable wireless access	4.1	12.4	83.5	2.8	0.5	97	2
Reliable and consistent technology/software in all classrooms	10.3	28.9	60.8	2.5	0.7	97	2
More computer labs with collaborative spaces	32.0	43.3	24.7	1.9	0.8	97	2
Tools for file sharing with classmates	36.5	42.7	20.8	1.8	0.7	96	3
Departmental training on specialized software	21.6	55.7	22.7	2.0	0.7	97	2
More digital equipment available for student use	45.4	38.1	16.5	1.7	0.7	97	2
Up-to-date computers and programs in computer labs	13.5	38.5	47.9	2.3	0.7	96	3
More interactive online courses	57.7	26.8	15.5	1.6	0.7	97	2
Greater opportunities for audio podcasting	46.9	30.2	22.9	1.8	0.8	96	3
Greater opportunities for video podcasting	42.7	27.1	30.2	1.9	0.8	96	3
Greater opportunities for visualization technologies (e.g. interactive graphics, virtual reality)	54.6	32.0	13.4	1.6	0.7	97	2

LST Survey 2008 Selected Descriptives by Discipline: Students – Natural Science

*Debbie E McGhee
September 2008*

<u>Humanities, Social Science, Arts:</u>	Architecture, A&S–Arts, A&S–Humanities, A&S–Social Sciences, Education, Educational Outreach
<u>Professional:</u>	Business, Information School, Law, Libraries, Public Affairs
<u>Health Sciences:</u>	Dentistry, Medicine, Nursing, Pharmacy, Public Health, Social Work
<u>Natural Sciences:</u>	A&S–Natural Sciences, Forest Resources, Fisheries
<u>Engineering</u>	
<u>Other:</u>	Undecided or Other

Q1. Which best describes your status as a student at the University of Washington? (Status)

Status	%
Freshman	7.7
Sophomore	14.4
Junior	13.5
Senior	33.7
Masters	4.8
Doctoral	24.0
Other	1.9
Total N	104

Q2. Which of the following broad areas best describes your major course of study (declared or undeclared)? (Major area)

Major area	N
A&S–Natural Sciences	91.3
Forest Resources	5.8
Fisheries	2.9
Total	104

Q3. What is your gender? (Gender)

Gender	%
Male	35.0
Female	65.0
Total N	103

Q4. What is your age? (Age)

Age	%
< 20	20.2
20-25	54.8
26-30	15.4
31-35	2.9
36-40	2.9
41+	3.8
Total N	104

Q5. Which best describes your current residence? (Residence)

Residence	%
UW housing	25.0
Off-campus w/guardian	11.5
Off-campus w/other	63.5
Total N	104

Q6. On a scale of 1 to 5, how would you rate your current technological expertise? (Technological Expertise)

	Beginner		Intermed		Expert		Mn	SD	N	Missing
	1 %	2 %	3 %	4 %	5 %					
Total	1.0	10.6	50.0	27.9	10.6	3.4	0.8	104	0	

Learning Context (Q7/Q13, aggregated) by Discipline

Context	Discipline %						
	Humanities/ Social/ Arts (N = 181)	Professional (N = 120)	Health Sci (N = 99)	Natural Sci (N = 103)	Engineering (N = 94)	Undecided/ Other (N = 57)	
Seminar/small discussion	49.7	39.2	43.4	33.0	30.9	36.8	
Large discussion	19.9	39.2	8.1	8.7	9.6	14.0	
Small lecture	27.1	29.2	32.3	38.8	37.2	45.6	
Large lecture	41.4	26.7	43.4	38.8	47.9	52.6	
Online course	7.7	11.7	5.1	2.9	4.3	5.3	
Lab (course-based)	5.0	5.0	19.2	24.3	26.6	3.5	
Computer lab	3.3	9.2	4.0	4.9	5.3	1.8	
Studio	6.6	0.8	1.0	1.0			
Ensemble/rehearsal	2.2			2.9			
Small group instruction	1.7	2.5	1.0	3.9	2.1	5.3	
Field experience	2.8	1.7	1.0	3.9	1.1	1.8	
Internship/practicum/clinic	7.2	4.2	11.1	1.0	6.4	8.8	
Research team/lab	5.5	1.7	8.1	18.4	14.9	1.8	
Online learning community		3.3				1.8	
Workshop/training	1.7	2.5		1.9		1.8	
Tutoring	1.1	0.8	2.0	4.9	2.1		
Meeting with faculty	5.5	2.5	5.1	3.9	3.2	7.0	
Office hours/independent study	2.8	4.2	3.0	1.0	1.1	5.3	
Library Help Desk	0.6	0.8	1.0				
Informal conversation	2.8	4.2	1.0	1.0	1.1	1.8	
Other	0.6	0.8	3.0		1.1		

Learning Goals (Q8/Q14, aggregated) by Discipline

Goal	Discipline %					
	Humanities/ Social/ Arts (N = 181)	Professional (N = 120)	Health Sci (N = 99)	Natural Sci (N = 103)	Engineering (N = 94)	Undecided/ Other (N = 57)
Access and review course material	29.3	35.0	35.4	36.9	31.9	35.1
Develop thinking/problem solving skills	19.9	23.3	31.3	25.2	30.9	19.3
Understand content knowledge	47.0	41.7	44.4	48.5	51.1	52.6
Actively participate/share	27.6	23.3	23.2	21.4	19.1	29.8
Get real world experience	8.8	11.7	11.1	4.9	17.0	14.0
Synthesize experiences	8.8	10.8	8.1	1.9	5.3	5.3
Cultivate community and connection	7.2	3.3	1.0	1.9		3.5
Practice or expand skill set	21.0	21.7	14.1	19.4	18.1	15.8
Develop research skills	10.5	5.0	15.2	18.4	10.6	8.8
Other	2.2	4.2			1.1	

Web Tools (Q12/Q18, aggregated) by Discipline

Web Tool	Humanities/ Social/ Arts	Professional	Health Sci	Natural Sci	Engineering	Undecided/ Other
	(N = 181) %	(N = 120) %	(N = 99) %	(N = 103) %	(N = 94) %	(N = 57) %
Catalyst	70.9	68.3	72.7	56.7	72.3	66.7
CMS	24.2	47.5	20.2	14.4	18.1	28.1
Dept.	34.6	26.7	37.4	41.3	40.4	26.3
Other	8.8	13.3	7.1	8.7	13.8	8.8

Q19. Think of times when you needed to learn to do something new with a technology. Rate how helpful you found the following sources of support. (Supports)

Support	Never used	Not helpful	Moderately helpful	Very helpful	Mn	SD	Valid N	Missing
	%	(1) %	(2) %	(3) %				
Self (trial-and-error)		4.0	50.5	45.5	2.4	0.6	101	3
UW online help or tutorial	42.6	9.9	38.6	8.9	2.0	0.6	58	3
Non-UW online help or tutorial	20.8	7.9	56.4	14.9	2.1	0.5	80	3
Teaching assistant	34.0	8.0	37.0	21.0	2.2	0.6	66	4
Departmental technical support	61.4	6.9	16.8	14.9	2.2	0.7	39	3
Computer lab assistants	67.3	6.9	16.8	8.9	2.1	0.7	33	3
Instructor/Professor	30.7	5.9	38.6	24.8	2.3	0.6	70	3
Classmates	10.8	3.9	50.0	35.3	2.4	0.6	91	2
Friends	10.8	2.0	49.0	38.2	2.4	0.5	91	2
Family	34.3	24.5	28.4	12.7	1.8	0.7	67	2
Catalyst workshop	79.0	3.0	14.0	4.0	2.0	0.6	21	4
Catalyst help (email or phone)	79.0	5.0	9.0	7.0	2.1	0.8	21	4
Library workshops and training	85.9	2.0	10.1	2.0	2.0	0.6	14	5
Library help desk	67.0	4.0	15.0	14.0	2.3	0.7	33	4
Learning Commons help desk consultants	86.7	5.1	7.1	1.0	1.7	0.6	13	6

Q20. If and when you used or planned to use technology to support your learning, to what extent (if at all) did the following present an obstacle to you? (Obstacles)

Obstacle	Not obstacle (1) %	Minor obstacle (2) %	Major obstacle (3) %	Mn	SD	Valid N	Missing
Lack of adequate training on technology required for coursework	40.2	51.0	8.8	1.7	0.6	102	2
Lack of knowledge about where to go to learn the technology	53.9	34.3	11.8	1.6	0.7	102	2
Lack of time to learn how to use the technology	34.7	34.7	30.7	2.0	0.8	101	3
Lack of timely support for technical problems	50.5	37.6	11.9	1.6	0.7	101	3
Lack of personal motivation	54.5	35.6	9.9	1.6	0.7	101	3
Concern about a technical problem affecting my grade	64.4	31.7	4.0	1.4	0.6	101	3
Inability of my instructor to use technology well	61.4	30.7	7.9	1.5	0.6	101	3
Lack of ability to access software or equipment (e.g. videocamera, laptop) when I need it	68.7	27.3	4.0	1.4	0.6	99	5
Lack of ability to access online tools for class from my home or dorm room	72.3	19.8	7.9	1.4	0.6	101	3
Incompatibilities between my computing environment (Mac, PC, or Linux) and the tools I need	58.0	30.0	12.0	1.5	0.7	100	4
Poorly functioning or inadequate technology in my learning environment	75.2	20.8	4.0	1.3	0.5	101	3

Q21. Please respond to the following statements on a scale of 1 to 5. (Likerts)

	Strongly Agree (1) %	Agree (2) %	No opinion (3) %	Disagree (4) %	Strongly disagree (5) %	Mn	SD	Valid N	Missing
In general, my instructors' use of educational technologies enhances my learning	22.8	54.5	12.9	7.9	2.0	2.1	0.9	101	3
Faculty should use more technologies that encourage interaction in class	27.5	35.3	26.5	7.8	2.9	2.2	1.0	102	2
Too much technology in the classroom gets in the way of my learning	6.9	27.5	20.6	38.2	6.9	3.1	1.1	102	2
I have considered dropping/not enrolling in a course because of the tech that it required	2.0	10.8	20.6	28.4	38.2	3.9	1.1	102	2
Overall, the learning technologies available at UW are adequate for my needs	16.7	69.6	11.8	1.0	1.0	2.0	0.6	102	2

Q22. Below is a list of changes that could enhance the use of learning and scholarly technologies at UW. Considering your own learning goals, what priority would you assign each item below? (Priorities)

Priority	Low priority (1) %	Medium (2) %	High priority (3) %	Mn	SD	Valid N	Missing
Agreement on common set of software for use in 1 st & 2 nd year courses	37.3	52.0	10.8	1.7	0.6	102	2
Reliable wireless access	2.9	21.6	75.5	2.7	0.5	102	2
Reliable and consistent technology/software in all classrooms	7.8	42.2	50.0	2.4	0.6	102	2
More computer labs with collaborative spaces	27.5	45.1	27.5	2.0	0.7	102	2
Tools for file sharing with classmates	33.3	51.0	15.7	1.8	0.7	102	2
Departmental training on specialized software	28.7	44.6	26.7	2.0	0.7	101	3
More digital equipment available for student use	30.7	51.5	17.8	1.9	0.7	101	3
Up-to-date computers and programs in computer labs	9.9	36.6	53.5	2.4	0.7	101	3
More interactive online courses	52.5	28.7	18.8	1.7	0.8	101	3
Greater opportunities for audio podcasting	37.6	31.7	30.7	1.9	0.8	101	3
Greater opportunities for video podcasting	32.0	31.0	37.0	2.0	0.8	100	4
Greater opportunities for visualization technologies (e.g. interactive graphics, virtual reality)	43.0	41.0	16.0	1.7	0.7	100	4

LST Survey 2008 Selected Descriptives by Discipline: Students – Engineering

*Debbie E McGhee
September 2008*

<u>Humanities, Social Science, Arts:</u>	Architecture, A&S–Arts, A&S–Humanities, A&S–Social Sciences, Education, Educational Outreach
<u>Professional:</u>	Business, Information School, Law, Libraries, Public Affairs
<u>Health Sciences:</u>	Dentistry, Medicine, Nursing, Pharmacy, Public Health, Social Work
<u>Natural Sciences:</u>	A&S–Natural Sciences, Forest Resources, Fisheries
<u>Engineering</u>	
<u>Other:</u>	Undecided or Other

Q1. Which best describes your status as a student at the University of Washington? (Status)

Status	%
Freshman	26.6
Sophomore	13.8
Junior	20.2
Senior	20.2
Masters	8.5
Doctoral	9.6
Other	1.1
Total N	94

Q2. Which of the following broad areas best describes your major course of study (declared or undeclared)? (Major area)

Major area	%
Engineering	100.0
Total N	94

Q3. What is your gender? (Gender)

Gender	%
Male	69.6
Female	30.4
Total N	94

Q4. What is your age? (Age)

Age	%
< 20	33.0
20-25	50.0
26-30	10.6
31-35	3.2
36-40	2.1
41+	1.1
Total N	94

Q. Which best describes your current residence? (Residence)

Residence	%
UW housing	31.9
Off-campus w/guardian	12.8
Off-campus w/other	55.3
Total N	94

Q6. On a scale of 1 to 5, how would you rate your current technological expertise? (Technological Expertise)

	Beginner		Intermed		Expert	Mn	SD	N	Missing
	1	2	3	4	5				
	%	%	%	%	%				
Total	1.1	2.1	28.7	45.7	22.3	3.9	0.8	94	0

Learning Context (Q7/Q13, aggregated) by Discipline

Context	Discipline %					
	Humanities/ Social/ Arts (N = 181)	Professional (N = 120)	Health Sci (N = 99)	Natural Sci (N = 103)	Engineering (N = 94)	Undecided/ Other (N = 57)
Seminar/small discussion	49.7	39.2	43.4	33.0	30.9	36.8
Large discussion	19.9	39.2	8.1	8.7	9.6	14.0
Small lecture	27.1	29.2	32.3	38.8	37.2	45.6
Large lecture	41.4	26.7	43.4	38.8	47.9	52.6
Online course	7.7	11.7	5.1	2.9	4.3	5.3
Lab (course-based)	5.0	5.0	19.2	24.3	26.6	3.5
Computer lab	3.3	9.2	4.0	4.9	5.3	1.8
Studio	6.6	0.8	1.0	1.0		
Ensemble/rehearsal	2.2			2.9		
Small group instruction	1.7	2.5	1.0	3.9	2.1	5.3
Field experience	2.8	1.7	1.0	3.9	1.1	1.8
Internship/practicum/clinic	7.2	4.2	11.1	1.0	6.4	8.8
Research team/lab	5.5	1.7	8.1	18.4	14.9	1.8
Online learning community		3.3				1.8
Workshop/training	1.7	2.5		1.9		1.8
Tutoring	1.1	0.8	2.0	4.9	2.1	
Meeting with faculty	5.5	2.5	5.1	3.9	3.2	7.0
Office hours/independent study	2.8	4.2	3.0	1.0	1.1	5.3
Library Help Desk	0.6	0.8	1.0			
Informal conversation	2.8	4.2	1.0	1.0	1.1	1.8
Other	0.6	0.8	3.0		1.1	

Learning Goals (Q8/Q14, aggregated) by Discipline

Goal	Discipline %					
	Humanities/ Social/ Arts (N = 181)	Professional (N = 120)	Health Sci (N = 99)	Natural Sci (N = 103)	Engineering (N = 94)	Undecided/ Other (N = 57)
Access and review course material	29.3	35.0	35.4	36.9	31.9	35.1
Develop thinking/problem solving skills	19.9	23.3	31.3	25.2	30.9	19.3
Understand content knowledge	47.0	41.7	44.4	48.5	51.1	52.6
Actively participate/share	27.6	23.3	23.2	21.4	19.1	29.8
Get real world experience	8.8	11.7	11.1	4.9	17.0	14.0
Synthesize experiences	8.8	10.8	8.1	1.9	5.3	5.3
Cultivate community and connection	7.2	3.3	1.0	1.9		3.5
Practice or expand skill set	21.0	21.7	14.1	19.4	18.1	15.8
Develop research skills	10.5	5.0	15.2	18.4	10.6	8.8
Other	2.2	4.2			1.1	

Web Tools (Q12/Q18, aggregated) by Discipline

Web Tool	Humanities/ Social/ Arts	Professional	Health Sci	Natural Sci	Engineering	Undecided/ Other
	(N = 181) %	(N = 120) %	(N = 99) %	(N = 103) %	(N = 94) %	(N = 57) %
Catalyst	70.9	68.3	72.7	56.7	72.3	66.7
CMS	24.2	47.5	20.2	14.4	18.1	28.1
Dept.	34.6	26.7	37.4	41.3	40.4	26.3
Other	8.8	13.3	7.1	8.7	13.8	8.8

Q19. Think of times when you needed to learn to do something new with a technology. Rate how helpful you found the following sources of support. (Supports)

Support	Never used	Not helpful	Moderately helpful	Very helpful	Mn	SD	Valid N	Missing
	%	(1) %	(2) %	(3) %				
Self (trial-and-error)	1.1	7.5	38.7	52.7	2.5	0.6	92	1
UW online help or tutorial	41.9	7.5	37.6	12.9	2.1	0.6	54	1
Non-UW online help or tutorial	17.6	9.9	48.4	24.2	2.2	0.6	75	3
Teaching assistant	25.0	9.8	38.0	27.2	2.2	0.7	69	2
Departmental technical support	56.0	15.4	20.9	7.7	1.8	0.7	40	3
Computer lab assistants	57.8	12.2	20.0	10.0	1.9	0.7	38	4
Instructor/Professor	16.5	11.0	39.6	33.0	2.3	0.7	76	3
Classmates	7.6	5.4	39.1	47.8	2.5	0.6	85	2
Friends	13.2	8.8	38.5	39.6	2.4	0.7	79	3
Family	51.6	16.5	24.2	7.7	1.8	0.7	44	3
Catalyst workshop	85.6	5.6	5.6	3.3	1.8	0.8	13	4
Catalyst help (email or phone)	86.5	2.2	5.6	5.6	2.2	0.8	12	5
Library workshops and training	87.8	6.7	5.6		1.5	0.5	11	4
Library help desk	71.1	3.3	21.1	4.4	2.0	0.5	26	4
Learning Commons help desk consultants	90.0		7.8	2.2	2.2	0.4	9	4

Q20. If and when you used or planned to use technology to support your learning, to what extent (if at all) did the following present an obstacle to you? (Obstacles)

Obstacle	Not obstacle (1) %	Minor obstacle (2) %	Major obstacle (3) %	Mn	SD	Valid N	Missing
Lack of adequate training on technology required for coursework	35.9	55.4	8.7	1.7	0.6	92	2
Lack of knowledge about where to go to learn the technology	48.9	41.1	10.0	1.6	0.7	90	4
Lack of time to learn how to use the technology	28.9	38.9	32.2	2.0	0.8	90	4
Lack of timely support for technical problems	52.7	36.3	11.0	1.6	0.7	91	3
Lack of personal motivation	45.1	40.7	14.3	1.7	0.7	91	3
Concern about a technical problem affecting my grade	56.7	33.3	10.0	1.5	0.7	90	4
Inability of my instructor to use technology well	44.0	40.7	15.4	1.7	0.7	91	3
Lack of ability to access software or equipment (e.g. videocamera, laptop) when I need it	61.5	27.5	11.0	1.5	0.7	91	3
Lack of ability to access online tools for class from my home or dorm room	61.5	29.7	8.8	1.5	0.7	91	3
Incompatibilities between my computing environment (Mac, PC, or Linux) and the tools I need	63.7	28.6	7.7	1.4	0.6	91	3
Poorly functioning or inadequate technology in my learning environment	61.5	34.1	4.4	1.4	0.6	91	3

Q21. Please respond to the following statements on a scale of 1 to 5. (Likerts)

	Strongly Agree %	Agree %	No opinion %	Disagree %	Strongly disagree %	Mn %	SD %	Valid N %	Missing %
In general, my instructors' use of educational technologies enhances my learning	23.7	62.4	7.5	4.3	2.2	2.0	0.8	93	1
Faculty should use more technologies that encourage interaction in class	26.9	41.9	21.5	7.5	2.2	2.2	1.0	93	1
Too much technology in the classroom gets in the way of my learning	6.5	20.7	28.3	38.0	6.5	3.2	1.0	92	2
I have considered dropping/not enrolling in a course because of the tech that it required	1.1	7.5	19.4	30.1	41.9	4.0	1.0	93	1
Overall, the learning technologies available at UW are adequate for my needs	16.3	63.0	17.4	2.2	1.1	2.1	0.7	92	2

Q22. Below is a list of changes that could enhance the use of learning and scholarly technologies at UW. Considering your own learning goals, what priority would you assign each item below? (Priorities)

Priority	Low priority (1) %	Medium (2) %	High priority (3) %	Mn	SD	Valid N	Missing
Agreement on common set of software for use in 1 st & 2 nd year courses	37.4	49.5	13.2	1.8	0.7	91	3
Reliable wireless access	7.6	25.0	67.4	2.6	0.6	92	2
Reliable and consistent technology/software in all classrooms	17.4	39.1	43.5	2.3	0.7	92	2
More computer labs with collaborative spaces	37.4	38.5	24.2	1.9	0.8	91	3
Tools for file sharing with classmates	28.3	46.7	25.0	2.0	0.7	92	2
Departmental training on specialized software	26.7	43.3	30.0	2.0	0.8	90	4
More digital equipment available for student use	40.2	45.7	14.1	1.7	0.7	92	2
Up-to-date computers and programs in computer labs	13.0	47.8	39.1	2.3	0.7	92	2
More interactive online courses	53.3	33.7	13.0	1.6	0.7	92	2
Greater opportunities for audio podcasting	63.0	23.9	13.0	1.5	0.7	92	2
Greater opportunities for video podcasting	50.0	34.8	15.2	1.7	0.7	92	2
Greater opportunities for visualization technologies (e.g. interactive graphics, virtual reality)	48.9	31.5	19.6	1.7	0.8	92	2

LST Survey 2008 Selected Descriptives by Discipline: Students – Undecided/Other

*Debbie E McGhee
September 2008*

<u>Humanities, Social Science, Arts:</u>	Architecture, A&S–Arts, A&S–Humanities, A&S–Social Sciences, Education, Educational Outreach
<u>Professional:</u>	Business, Information School, Law, Libraries, Public Affairs
<u>Health Sciences:</u>	Dentistry, Medicine, Nursing, Pharmacy, Public Health, Social Work
<u>Natural Sciences:</u>	A&S–Natural Sciences, Forest Resources, Fisheries
<u>Engineering</u>	
<u>Other:</u>	Undecided or Other

Q1. Which best describes your status as a student at the University of Washington? (Status)

Status	%
Freshman	19.3
Sophomore	19.3
Junior	19.3
Senior	17.5
Masters	12.3
Doctoral	3.5
Other	8.8
Total N	57

Q2. Which of the following broad areas best describes your major course of study (declared or undeclared)? (Major area)

Major area	%
Other	70.2
Undecided	29.8
Total N	57

Q3. What is your gender? (Gender)

Gender	%
Male	32.1
Female	67.9
Total N	56

Q4. What is your age? (Age)

Age	%
< 20	35.1
20-25	38.6
26-30	14.0
31-35	1.8
36-40	3.5
41+	7.0
Total N	57

Q5. Which best describes your current residence? (Residence)

Residence	%
UW housing	26.3
Off-campus w/guardian	10.5
Off-campus w/other	63.2
Total N	57

Q6. On a scale of 1 to 5, how would you rate your current technological expertise? (Technological Expertise)

	Beginner		Intermed		Expert	Mn	SD	N	Missing
	1	2	3	4	5				
	%	%	%	%	%				
Total	5.3	17.5	49.1	15.8	12.3	3.1	1.0	57	0

Learning Context (Q7/Q13, aggregated) by Discipline

Context	Discipline %					
	Humanities/ Social/ Arts (N = 181)	Professional (N = 120)	Health Sci (N = 99)	Natural Sci (N = 103)	Engineering (N = 94)	Undecided/ Other (N = 57)
Seminar/small discussion	49.7	39.2	43.4	33.0	30.9	36.8
Large discussion	19.9	39.2	8.1	8.7	9.6	14.0
Small lecture	27.1	29.2	32.3	38.8	37.2	45.6
Large lecture	41.4	26.7	43.4	38.8	47.9	52.6
Online course	7.7	11.7	5.1	2.9	4.3	5.3
Lab (course-based)	5.0	5.0	19.2	24.3	26.6	3.5
Computer lab	3.3	9.2	4.0	4.9	5.3	1.8
Studio	6.6	0.8	1.0	1.0		
Ensemble/rehearsal	2.2			2.9		
Small group instruction	1.7	2.5	1.0	3.9	2.1	5.3
Field experience	2.8	1.7	1.0	3.9	1.1	1.8
Internship/practicum/clinic	7.2	4.2	11.1	1.0	6.4	8.8
Research team/lab	5.5	1.7	8.1	18.4	14.9	1.8
Online learning community		3.3				1.8
Workshop/training	1.7	2.5		1.9		1.8
Tutoring	1.1	0.8	2.0	4.9	2.1	
Meeting with faculty	5.5	2.5	5.1	3.9	3.2	7.0
Office hours/independent study	2.8	4.2	3.0	1.0	1.1	5.3
Library Help Desk	0.6	0.8	1.0			
Informal conversation	2.8	4.2	1.0	1.0	1.1	1.8
Other	0.6	0.8	3.0		1.1	

Learning Goals (Q8/Q14, aggregated) by Discipline

Goal	Discipline %					
	Humanities/ Social/ Arts (N = 181)	Professional (N = 120)	Health Sci (N = 99)	Natural Sci (N = 103)	Engineering (N = 94)	Undecided/ Other (N = 57)
Access and review course material	29.3	35.0	35.4	36.9	31.9	35.1
Develop thinking/problem solving skills	19.9	23.3	31.3	25.2	30.9	19.3
Understand content knowledge	47.0	41.7	44.4	48.5	51.1	52.6
Actively participate/share	27.6	23.3	23.2	21.4	19.1	29.8
Get real world experience	8.8	11.7	11.1	4.9	17.0	14.0
Synthesize experiences	8.8	10.8	8.1	1.9	5.3	5.3
Cultivate community and connection	7.2	3.3	1.0	1.9		3.5
Practice or expand skill set	21.0	21.7	14.1	19.4	18.1	15.8
Develop research skills	10.5	5.0	15.2	18.4	10.6	8.8
Other	2.2	4.2			1.1	

Web Tools (Q12/Q18, aggregated) by Discipline

Web Tool	Humanities/ Social/ Arts	Professional	Health Sci	Natural Sci	Engineering	Undecided/ Other
	(N = 181) %	(N = 120) %	(N = 99) %	(N = 103) %	(N = 94) %	(N = 57) %
Catalyst	70.9	68.3	72.7	56.7	72.3	66.7
CMS	24.2	47.5	20.2	14.4	18.1	28.1
Dept.	34.6	26.7	37.4	41.3	40.4	26.3
Other	8.8	13.3	7.1	8.7	13.8	8.8

Q19. Think of times when you needed to learn to do something new with a technology. Rate how helpful you found the following sources of support. (Supports)

Support	Never used	Not helpful	Moderately helpful	Very helpful	Mn	SD	Valid N	Missing
	%	(1) %	(2) %	(3) %				
Self (trial-and-error)	7.0	7.0	42.1	43.9	2.4	0.6	53	0
UW online help or tutorial	49.1	7.3	36.4	7.3	2.0	0.5	28	2
Non-UW online help or tutorial	32.7	10.9	47.3	9.1	2.0	0.6	37	2
Teaching assistant	25.9	14.8	38.9	20.4	2.1	0.7	40	3
Departmental technical support	61.8	9.1	23.6	5.5	1.9	0.6	21	2
Computer lab assistants	58.2	12.7	27.3	1.8	1.7	0.5	23	2
Instructor/Professor	16.7	14.8	44.4	24.1	2.1	0.7	45	3
Classmates	11.1	5.6	38.9	44.4	2.4	0.6	48	3
Friends	14.8	13.0	24.1	48.1	2.4	0.7	46	3
Family	29.1	20.0	29.1	21.8	2.0	0.8	39	2
Catalyst workshop	78.2	9.1	10.9	1.8	1.7	0.7	12	2
Catalyst help (email or phone)	76.8	10.7	10.7	1.8	1.6	0.7	13	1
Library workshops and training	78.6	7.1	10.7	3.6	1.8	0.7	12	1
Library help desk	69.6	3.6	14.3	12.5	2.3	0.7	17	1
Learning Commons help desk consultants	81.8	9.1	5.5	3.6	1.7	0.8	10	2

Q20. If and when you used or planned to use technology to support your learning, to what extent (if at all) did the following present an obstacle to you? (Obstacles)

Obstacle	Not obstacle (1) %	Minor obstacle (2) %	Major obstacle (3) %	Mn	SD	Valid N	Missing
Lack of adequate training on technology required for coursework	46.4	48.2	5.4	1.6	0.6	56	1
Lack of knowledge about where to go to learn the technology	46.4	37.5	16.1	1.7	0.7	56	1
Lack of time to learn how to use the technology	40.0	38.2	21.8	1.8	0.8	55	2
Lack of timely support for technical problems	53.6	35.7	10.7	1.6	0.7	56	1
Lack of personal motivation	48.2	37.5	14.3	1.7	0.7	56	1
Concern about a technical problem affecting my grade	45.5	40.0	14.5	1.7	0.7	55	2
Inability of my instructor to use technology well	43.6	38.2	18.2	1.7	0.8	55	2
Lack of ability to access software or equipment (e.g. videocamera, laptop) when I need it	60.0	23.6	16.4	1.6	0.8	55	2
Lack of ability to access online tools for class from my home or dorm room	60.0	18.2	21.8	1.6	0.8	55	2
Incompatibilities between my computing environment (Mac, PC, or Linux) and the tools I need	50.9	36.4	12.7	1.6	0.7	55	2
Poorly functioning or inadequate technology in my learning environment	57.1	33.9	8.9	1.5	0.7	56	1

Q21. Please respond to the following statements on a scale of 1 to 5. (Likerts)

	Strongly Agree (1) %	Agree (2) %	No opinion (3) %	Disagree (4) %	Strongly disagree (5) %	Mn	SD	Valid N	Missing
In general, my instructors' use of educational technologies enhances my learning	29.1	45.5	12.7	9.1	3.6	2.1	1.1	55	2
Faculty should use more technologies that encourage interaction in class	21.8	40.0	20.0	10.9	7.3	2.4	1.2	55	2
Too much technology in the classroom gets in the way of my learning	10.9	18.2	27.3	29.1	14.5	3.2	1.2	55	2
I have considered dropping/not enrolling in a course because of the tech that it required	7.4	13.0	13.0	20.4	46.3	3.9	1.3	54	3
Overall, the learning technologies available at UW are adequate for my needs	12.7	58.2	14.5	10.9	3.6	2.3	1.0	55	2

Q22. Below is a list of changes that could enhance the use of learning and scholarly technologies at UW. Considering your own learning goals, what priority would you assign each item below? (Priorities)

Priority	Low priority (1) %	Medium (2) %	High priority (3) %	Mn	SD	Valid N	Missing
Agreement on common set of software for use in 1 st & 2 nd year courses	39.3	44.6	16.1	1.8	0.7	56	1
Reliable wireless access	3.6	12.5	83.9	2.8	0.5	56	1
Reliable and consistent technology/software in all classrooms	10.9	27.3	61.8	2.5	0.7	55	2
More computer labs with collaborative spaces	30.4	42.9	26.8	2.0	0.8	56	1
Tools for file sharing with classmates	26.8	55.4	17.9	1.9	0.7	56	1
Departmental training on specialized software	26.8	41.1	32.1	2.1	0.8	56	1
More digital equipment available for student use	25.5	47.3	27.3	2.0	0.7	55	2
Up-to-date computers and programs in computer labs	16.1	33.9	50.0	2.3	0.7	56	1
More interactive online courses	37.5	39.3	23.2	1.9	0.8	56	1
Greater opportunities for audio podcasting	35.7	41.1	23.2	1.9	0.8	56	1
Greater opportunities for video podcasting	33.9	37.5	28.6	1.9	0.8	56	1
Greater opportunities for visualization technologies (e.g. interactive graphics, virtual reality)	33.9	44.6	21.4	1.9	0.7	56	1