

NSSE 2015 Learning with Technology

Frequencies and Statistical Comparisons

University of Houston

Seniors

				Frequency Distributions ^a				Statistical Comparisons ^b		
				Univ of Houston		Learning with Tech		Univ of Houston	Learning with Tech	
Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	Effect size ^d
1. During the current school year, how much has your use of technology contributed to the following:										
a. Your understanding of course materials and ideas	TEC01a	1	Very little	14	2	815	3	3.5	3.3 ***	.15
		2	Some	62	10	3,529	12			
		3	Quite a bit	169	27	9,043	32			
		4	Very much	377	61	14,609	53			
		Total	622	100	27,996	100				
b. Demonstrating your understanding of course content	TEC01b	1	Very little	16	3	1,017	4	3.4	3.2 ***	.17
		2	Some	75	12	4,251	15			
		3	Quite a bit	176	29	9,369	34			
		4	Very much	347	56	13,193	47			
		Total	614	100	27,830	100				
c. Learning, studying, or completing coursework on your own	TEC01c	1	Very little	10	2	493	2	3.6	3.5 *	.09
		2	Some	45	7	2,231	8			
		3	Quite a bit	147	24	7,950	28			
		4	Very much	421	68	17,207	62			
		Total	623	100	27,881	100				
d. Learning, studying, or completing coursework with other students	TEC01d	1	Very little	66	11	2,236	9	3.1	3.1	.00
		2	Some	118	19	5,100	19			
		3	Quite a bit	141	23	8,161	29			
		4	Very much	297	48	12,294	44			
		Total	622	100	27,791	100				
e. Distracting you from completing your coursework	TEC01e	1	Very little	112	18	4,654	18	2.6	2.6	-.05
		2	Some	202	32	8,282	30			
		3	Quite a bit	151	25	7,155	25			
		4	Very much	153	25	7,692	27			
		Total	618	100	27,783	100				
2. During the current school year, how much have your courses improved your understanding and use of technology?										
	TEC02	1	Very little	114	18	4,630	17	2.6	2.6	.07
		2	Some	160	26	8,994	31			
		3	Quite a bit	178	29	8,338	30			
		4	Very much	166	27	5,778	22			
		Total	618	100	27,740	100				
3. During the current school year, about how often have you used the following technologies in your courses?										
a. Electronic textbooks	TEC03a	1	Never	117	19	9,583	33	2.7	2.3 ***	.37
		2	Sometimes	173	27	8,175	29			
		3	Often	133	22	4,197	15			
		4	Very often	197	32	5,881	22			
		—	I don't know what this is	1	0	113	0			
		Total	621	100	27,949	100				
b. Online portfolios or e-portfolios	TEC03b	1	Never	265	43	12,908	46	1.9	1.8	.08
		2	Sometimes	126	20	5,940	22			
		3	Often	54	9	2,905	10			
		4	Very often	80	13	2,918	10			
		—	I don't know what this is	94	15	3,150	11			
		Total	619	100	27,821	100				
c. Blogs	TEC03c	1	Never	371	60	15,260	54			

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		2	Sometimes	148	24	7,814	29	1.6	1.7	-.07
		3	Often	47	8	2,505	9			
		4	Very often	45	7	1,740	7			
		—	I don't know what this is	6	1	283	1			
		Total	617	100	27,602	100				
		d. Collaborative editing software (Wikis, Google Docs, etc.)	TEC03d	1	Never	144	23	5,809	21	2.5
2	Sometimes	170	28	8,714	31					
3	Often	158	26	6,533	23					
4	Very often	146	24	6,428	23					
—	I don't know what this is	1	0	264	1					
Total	619	100	27,748	100						
e. Multimedia software (drawing, audio or video production, editing, etc.)	TEC03e	1	Never	282	45	12,804	45	2.0	1.9	.06
2	Sometimes	143	23	7,513	27					
3	Often	87	14	3,517	13					
4	Very often	99	16	3,612	14					
—	I don't know what this is	7	1	330	1					
Total	618	100	27,776	100						
f. Social networking (Facebook, Twitter, etc.)	TEC03f	1	Never	268	44	11,569	42	2.0	2.0	.01
2	Sometimes	161	26	7,754	27					
3	Often	88	14	4,084	15					
4	Very often	98	16	4,143	15					
—	I don't know what this is	1	0	200	1					
Total	616	100	27,750	100						
g. Mobile computing (handheld devices such as smartphones, tablets, etc.)	TEC03g	1	Never	101	16	6,232	22	2.9	2.6 ***	.25
2	Sometimes	134	21	7,799	28					
3	Often	140	22	5,792	21					
4	Very often	245	40	7,891	29					
—	I don't know what this is	0	0	111	0					
Total	620	100	27,825	100						
4. During the current school year, about how often have you used technology to communicate with the following people?										
a. Students	TEC04a	1	Never	20	3	433	2	3.5	3.5	-.07
		2	Sometimes	65	11	2,613	10			
		3	Often	128	21	5,358	20			
		4	Very often	408	66	19,548	68			
		Total	621	100	27,952	100				
b. Academic advisors	TEC04b	1	Never	119	20	3,597	14	2.5	2.7 ***	-.19
		2	Sometimes	201	33	7,749	29			
		3	Often	136	22	6,843	24			
		4	Very often	164	26	9,712	32			
		Total	620	100	27,901	100				
c. Faculty	TEC04c	1	Never	47	8	1,111	5	2.9	3.1 ***	-.22
		2	Sometimes	184	30	6,335	24			
		3	Often	186	30	8,641	31			
		4	Very often	204	33	11,677	40			
		Total	621	100	27,764	100				
d. Student services staff (career services, student activities, etc.)	TEC04d	1	Never	269	44	10,186	39			
		2	Sometimes	166	27	8,017	29			

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to the Endnotes page for a key to the triangle symbols.

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e. Other administrative staff and offices (registrar, financial aid, etc.)	TEC04e	3	Often	73	12	4,072	14	2.0	2.1 *	-.09
		4	Very often	108	17	5,513	19			
		Total		616	100	27,788	100			
5. How much does your institution emphasize the following?	a. Teaching with new, cutting-edge technologies	TEC05a	1	Very little	101	16	4,098	2.5	2.5	.03
			2	Some	196	32	10,062			
			3	Quite a bit	206	33	8,847			
			4	Very much	119	19	4,917			
			Total	622	100	27,924	100			
b. Providing technology to help you learn, study or complete coursework	TEC05b		1	Very little	71	11	2,978	2.8	2.7	.08
			2	Some	152	25	8,212			
			3	Quite a bit	229	37	10,088			
			4	Very much	169	27	6,591			
			Total	621	100	27,869	100			
c. Teaching you how to use available technologies to learn, study, or complete coursework	TEC05c		1	Very little	114	18	3,720	2.6	2.6	-.01
			2	Some	172	28	9,004			
			3	Quite a bit	176	29	9,158			
			4	Very much	158	25	5,994			
			Total	620	100	27,876	100			
d. Providing support services to assist you with your use of technology	TEC05d		1	Very little	109	17	4,167	2.6	2.6	.00
			2	Some	193	31	9,351			
			3	Quite a bit	182	29	8,564			
			4	Very much	138	22	5,710			
			Total	622	100	27,792	100			