

NSSE 2023 Experiences with Online Learning

Frequencies and Statistical Comparisons

University of Houston

First-Year Students

				Frequency Distributions ^a				Statistical Comparisons ^b		
				Univ of Houston		OnLine Group		Univ of Houston	OnLine Group	Effect size ^d
Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	
1. During the current school year, to what extent have your <i>entirely or partly online</i> courses provided the following?										
a. Clearly stated learning objectives or goals	EOLgoals	0	Not at all	2	2	5	0	3.1	3.0	.05
		1	Very little	4	4	40	4			
		2	Some	18	16	199	21			
		3	Quite a bit	55	45	371	42			
		4	Very much	42	34	266	32			
		Total		121	100	881	100			
b. Clear guidance about how to get started in the course	EOLstart	0	Not at all	1	1	6	1	3.1	3.0	.13
		1	Very little	6	5	44	4			
		2	Some	19	16	221	24			
		3	Quite a bit	49	42	335	40			
		4	Very much	46	36	266	31			
		Total		121	100	872	100			
c. A clearly stated grading policy	EOLgrading	0	Not at all	1	1	2	0	3.3	3.2	.11
		1	Very little	3	4	23	3			
		2	Some	13	10	155	18			
		3	Quite a bit	42	36	346	38			
		4	Very much	62	49	353	42			
		Total		121	100	879	100			
d. Course information and activities that are easy to locate	EOLinfo	0	Not at all	1	1	4	0	3.0	3.1	-.09
		1	Very little	7	6	37	4			
		2	Some	21	19	183	20			
		3	Quite a bit	49	41	358	40			
		4	Very much	42	33	293	35			
		Total		120	100	875	100			
e. Sufficient instructions for using course-related technology	EOLtech	0	Not at all	1	1	8	1	3.0	3.0	-.02
		1	Very little	8	8	38	4			
		2	Some	21	18	200	22			
		3	Quite a bit	42	36	357	40			
		4	Very much	46	37	275	33			
		Total		118	100	878	100			
f. Clarity about when instructors would respond to you (answers to your questions, feedback about coursework, etc.)	EOLrespond	0	Not at all	2	2	5	0	2.9	3.0	-.12
		1	Very little	10	9	45	5			
		2	Some	30	24	213	24			
		3	Quite a bit	33	28	328	37			
		4	Very much	44	36	285	34			
		Total		119	100	876	100			
g. Clear expectations for your interactions with other students	EOLexpect	0	Not at all	5	5	13	1	2.8	2.9	-.12
		1	Very little	9	7	65	8			
		2	Some	26	23	207	23			
		3	Quite a bit	38	33	320	36			
		4	Very much	40	32	271	33			
		Total		118	100	876	100			
h. Assessments (quizzes, projects, assignments, exams, etc.) that help you achieve course learning objectives or goals	EOLassess	0	Not at all	1	1	3	0	3.2	3.2	.07
		1	Very little	4	5	33	3			
		2	Some	11	9	165	17			
		3	Quite a bit	48	41	344	39			
		4	Very much	55	44	328	40			
		Total		119	100	873	100			

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

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Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	Effect size ^d
i. Instructional materials (readings, videos, etc.) that help you achieve course learning objectives or goals	EOLmaterials	0	Not at all	1	1	3	0	3.2	3.2	.03
		1	Very little	5	6	30	3			
		2	Some	15	12	162	18			
		3	Quite a bit	42	36	345	39			
		4	Very much	56	45	334	40			
		Total	119	100	874	100				
2. During the current school year, about how many of your <i>entirely or partly online</i> courses included the following?										
a. Live sessions including the instructor and students	EOLlive	1	None	16	13	103	11	2.4	2.6	-.16
		2	Some	52	44	307	38			
		3	Most	35	30	303	33			
		4	All	16	13	160	17			
		Total	119	100	873	100				
b. Pre-recorded presentations by the instructor	EOLrecorded	1	None	6	5	83	9	2.7	2.5 **	.29
		2	Some	43	36	415	47			
		3	Most	44	39	256	30			
		4	All	26	20	122	14			
		Total	119	100	876	100				
c. Presentations or talks by experts in the field (live or recorded)	EOLpresent	1	None	29	25	261	28	2.1	2.1	.04
		2	Some	60	51	364	44			
		3	Most	13	11	169	19			
		4	All	17	13	76	9			
		Total	119	100	870	100				
d. Group projects or presentations	EOLgroup	1	None	53	45	183	19	1.8	2.2 ***	-.42
		2	Some	42	36	448	53			
		3	Most	16	12	182	21			
		4	All	9	7	62	7			
		Total	120	100	875	100				
e. Interaction among students in small groups or breakout rooms	EOLbreakout	1	None	56	48	137	17	1.8	2.3 ***	-.65
		2	Some	41	34	366	44			
		3	Most	14	11	258	27			
		4	All	9	7	109	12			
		Total	120	100	870	100				
f. Frequent quizzes or short assignments to check your understanding	EOLquiz	1	None	2	2	21	3	2.9	2.9	-.02
		2	Some	34	30	245	28			
		3	Most	54	44	393	43			
		4	All	29	24	216	25			
		Total	119	100	875	100				
g. Coursework that challenges you to enhance your knowledge, skills, and abilities	EOLcoursework	1	None	4	4	13	1	2.9	3.0	-.07
		2	Some	31	26	212	25			
		3	Most	50	42	406	45			
		4	All	35	28	239	29			
		Total	120	100	870	100				
h. Instructional materials (text, video, images, assignments, etc.) that represent diverse perspectives and people	EOLdiverse	1	None	8	8	11	9	2.8	2.7	.11
		2	Some	29	26	38	31			
		3	Most	49	39	44	37			
		4	All	33	27	29	23			
		Total	119	100	122	100				

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Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	Effect size ^d
i. Opportunities for personalized feedback, support, and guidance from the instructor	EOLfeedback	1	None	11	10	42	4	2.6	2.8 *	-0.22
		2	Some	46	39	313	36			
		3	Most	39	31	335	38			
		4	All	24	19	181	22			
		Total	120	100	871	100				
j. Opportunities to apply your learning to a real-world problem or issue	EOLapply	1	None	7	7	67	8	2.6	2.6	.02
		2	Some	50	43	367	42			
		3	Most	39	32	291	32			
		4	All	24	19	146	18			
		Total	120	100	871	100				
k. Statements related to protection of your privacy and data	EOLprivacy	1	None	18	16	19	16	2.4	2.6	-0.12
		2	Some	47	39	46	37			
		3	Most	34	27	26	22			
		4	All	21	17	31	25			
		Total	120	100	122	100				
3. During the current school year, how comfortable have you been doing the following in your <i>entirely or partly online</i> courses?										
a. Participating in online discussion boards, forums, or other discussion tools	EOLboards	1	Not at all comfortable	3	2	14	2	4.7	4.7	-0.03
		2		2	1	21	2			
		3		10	8	85	10			
		4		33	28	205	24			
		5		33	27	255	28			
		6	Very comfortable	35	29	281	33			
		—	Not applicable	5	4	7	1			
		Total	121	100	868	100				
b. Participating in live course discussions	EOLlivedisc	1	Not at all comfortable	8	8	41	5	3.8	4.1	-0.19
		2		10	7	73	8			
		3		23	19	146	16			
		4		30	25	233	25			
		5		20	18	174	21			
		6	Very comfortable	15	12	145	18			
		—	Not applicable	14	11	56	7			
		Total	120	100	868	100				
c. Taking proctored online exams	EOLexams	1	Not at all comfortable	5	5	77	8	4.5	4.2 *	0.22
		2		6	5	66	7			
		3		8	7	120	13			
		4		30	24	171	21			
		5		33	28	185	21			
		6	Very comfortable	33	27	208	25			
		—	Not applicable	5	4	41	5			
		Total	120	100	868	100				
d. Interacting with other students in the course	EOLinteract	1	Not at all comfortable	4	4	31	4	4.1	4.2	-0.10
		2		14	11	68	8			
		3		16	13	151	16			
		4		37	31	235	27			
		5		26	24	216	24			
		6	Very comfortable	20	16	154	19			
		—	Not applicable	2	2	13	2			
		Total	119	100	868	100				

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Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	Effect size ^d
e. Interacting with your instructor to discuss course topics, ideas, or concepts	EOLinstructor	1	Not at all comfortable	4	4	29	3	4.1	4.4	-.17
		2		11	9	57	6			
		3		25	20	133	15			
		4		24	19	239	26			
		5		31	26	217	25			
		6	Very comfortable	21	18	179	23			
		—	Not applicable	4	3	14	2			
		Total		120	100	868	100			
f. Using learning support services (tutoring services, writing center, etc.)	EOLsupport	1	Not at all comfortable	8	8	57	7	3.7	3.9	-.11
		2		15	12	88	9			
		3		14	12	151	16			
		4		33	26	207	24			
		5		19	18	142	16			
		6	Very comfortable	12	10	130	16			
		—	Not applicable	18	15	93	11			
		Total		119	100	868	100			
g. Seeking feedback and guidance from your instructor	EOLseekfdbk	1	Not at all comfortable	5	5	27	3	4.2	4.3	-.13
		2		7	5	77	8			
		3		19	16	126	14			
		4		32	26	214	25			
		5		28	23	212	25			
		6	Very comfortable	20	18	197	24			
		—	Not applicable	8	6	15	1			
		Total		119	100	868	100			
4. To improve the <i>online</i> course-taking experience, how important is it that your institution do the following?										
a. Increase interactions between students	EOLimpstud	1	Not at all important	19	15	81	9	2.6	2.6	-.01
		2	Somewhat important	30	27	322	36			
		3	Important	47	38	327	39			
		4	Very important	25	19	135	16			
		Total		121	100	865	100			
b. Increase interactions with instructors	EOLimpinst	1	Not at all important	5	4	17	2	3.0	3.0	-.08
		2	Somewhat important	28	25	217	23			
		3	Important	52	42	397	46			
		4	Very important	36	29	235	29			
		Total		121	100	866	100			
c. Improve responsiveness of instructors	EOLimpresp	1	Not at all important	3	3	14	2	3.2	3.2	-.07
		2	Somewhat important	23	21	133	14			
		3	Important	41	32	370	42			
		4	Very important	54	45	344	42			
		Total		121	100	861	100			
d. Improve online tools for student collaboration	EOLimptools	1	Not at all important	8	7	35	4	3.0	3.1	-.09
		2	Somewhat important	27	23	174	19			
		3	Important	41	34	384	44			
		4	Very important	45	36	271	33			
		Total		121	100	864	100			

First-Year Students

Frequency Distributions ^a								Statistical Comparisons ^b		
				Univ of Houston		OnLine Group		Univ of Houston	OnLine Group	
Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	Effect size ^d
e. Provide more online learning support services (tutoring services, writing center, etc.)	EOLimpsupp	1	Not at all important	6	6	36	4	2.9	3.0	-.04
		2	Somewhat important	29	24	221	24			
		3	Important	50	41	378	43			
		4	Very important	35	29	229	29			
		Total	120	100	864	100				
5. Considering your experience taking <i>entirely or partly online</i> courses during the current school year, to what extent do you agree or disagree with the following statements?										
a. Internet service (availability, speed, reliability, etc.) where you live has been sufficient to participate in the course.	EOLinternet	1	Strongly disagree	2	2	14	2	3.4	3.2 *	.21 ▲
		2	Disagree	6	5	82	9			
		3	Agree	57	49	470	56			
		4	Strongly agree	55	45	259	34			
		Total	120	100	825	100				
b. The hardware (computer, tablet, mobile phone, printer, etc.) and software that you have access to have been sufficient to participate in the course.	EOLhardware	1	Strongly disagree	2	2	2	1	3.3	3.3	.09
		2	Disagree	6	6	7	6			
		3	Agree	58	49	69	56			
		4	Strongly agree	52	43	43	36			
		Total	118	100	121	100				
c. Study spaces that you have access to have been sufficient for your needs.	EOLspace	1	Strongly disagree	2	2	3	3	3.2	3.2	-.03
		2	Disagree	10	8	8	6			
		3	Agree	65	55	68	56			
		4	Strongly agree	44	35	42	36			
		Total	121	100	121	100				
d. Technology support has been helpful.	EOLtechsupp	1	Strongly disagree	3	3	2	2	3.1	3.1	.01
		2	Disagree	10	9	6	5			
		3	Agree	71	59	86	71			
		4	Strongly agree	36	29	27	22			
		Total	120	100	121	100				
e. The online course platform or learning management system (LMS) has been user-friendly.	EOLplatform	1	Strongly disagree	3	3	4	1	3.1	3.3 **	-.32 ▼
		2	Disagree	11	10	34	5			
		3	Agree	76	63	538	62			
		4	Strongly agree	30	24	252	33			
		Total	120	100	828	100				
6. Which of the following best describes how your <i>entirely or partly online</i> courses have typically been scheduled?										
EOLschedule		Synchronous (live class — meetings online at scheduled times)		5	4	2	2			
		Asynchronous (online — participation not at scheduled times)		57	47	76	64			
		A mixture of synchronous and asynchronous		47	39	36	29			
		Hybrid (face-to-face class — meetings at scheduled times and online instruction)		11	10	6	5			
		Total		120	100	120	100			

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Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	
7. Overall, how would you evaluate your online learning experience during the current school year?										
	EOLoverall	1	Poor	4	5	19	3	3.0	3.0	.01
		2	Fair	24	20	189	21			
		3	Good	55	45	412	49			
		4	Excellent	38	30	215	27			
		Total		121	100	835	100			

8. Please describe one thing about *online learning* at your institution that could be improved. (5,000 character limit)

This question asked students to respond in an open text box. Responses are provided in your "NSSE23 Student Comments" report and in a separate SPSS data file.

9. Please describe one thing about *online learning* at your institution that should not be changed. (5,000 character limit)

This question asked students to respond in an open text box. Responses are provided in your "NSSE23 Student Comments" report and in a separate SPSS data file.

These open-ended responses appear exactly as respondents entered them and may not be suitable for distribution without prior review.