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ECAR Study of Students and Technology, 2016

The University of Memphis Benchmarking Report

1.1. Age	The University of Memphis	DR public institutions	All U.S. institutions
18–24	383	16480	44303
	70.3%	84.7%	76.3%
25 or older	162	2986	13743
	29.7%	15.3%	23.7%
Total respondent count (Percentages sum to 100%)	545	19466	58046
	100.0%	100.0%	100.0%

1.2. Class standing	The University of Memphis	DR public institutions	All U.S. institutions
Freshman or first-year student	119	4507	14189
	21.8%	23.2%	24.4%
Sophomore or second-year student	114	3892	13266
	20.9%	20.0%	22.9%
Junior or third-year student	137	5034	13675
	25.1%	25.9%	23.6%
Senior or fourth-year student	108	4497	11473
	19.8%	23.1%	19.8%
Fifth-year student or beyond	54	1099	3177
	9.9%	5.6%	5.5%
Other type of undergraduate student	13	437	2266
	2.4%	2.2%	3.9%
Total respondent count (Percentages sum to 100%)	545	19466	58046
	100.0%	100.0%	100.0%

2.1. Number of internet-capable devices owned	The University of Memphis	DR public institutions	All U.S. institutions
None	2	128	428
	0.4%	0.7%	0.7%
One	19	531	2254
	3.5%	2.7%	3.9%
Two	151	6023	17733
	27.8%	31.0%	30.6%
Three	173	6464	18939
	31.9%	33.3%	32.7%
Four	95	3294	9291
	17.5%	16.9%	16.0%
Five	38	1278	3760
	7.0%	6.6%	6.5%
	65	1721	5555

Six or more	12.0%	8.9%	9.6%
Total respondent count	543	19439	57960
(Percentages sum to 100%)	100.0%	100.0%	100.0%

2.2a. Own: Laptop	The University of Memphis	DR public institutions	All U.S. institutions
No, don't plan to purchase	10	433	1704
	1.9%	2.2%	3.0%
No, plan to purchase	15	271	1226
	2.8%	1.4%	2.1%
Yes, currently own	514	18678	54714
	95.4%	96.4%	94.9%
Total respondent count	539	19382	57644
(Percentages sum to 100%)	100.0%	100.0%	100.0%

2.2a. Own: Tablet	The University of Memphis	DR public institutions	All U.S. institutions
No, don't plan to purchase	154	7449	20200
	32.2%	42.5%	39.1%
No, plan to purchase	25	791	2506
	5.2%	4.5%	4.9%
Yes, currently own	299	9268	28921
	62.6%	52.9%	56.0%
Total respondent count	478	17508	51627
(Percentages sum to 100%)	100.0%	100.0%	100.0%

2.2a. Own: Smartphone	The University of Memphis	DR public institutions	All U.S. institutions
No, don't plan to purchase	12	344	1383
	2.2%	1.8%	2.4%
No, plan to purchase	0	135	524
	0.0%	0.7%	0.9%
Yes, currently own	529	18810	55404
	97.8%	97.5%	96.7%
Total respondent count	541	19289	57311
(Percentages sum to 100%)	100.0%	100.0%	100.0%

2.2a. Own: Wearable technology	The University of Memphis	DR public institutions	All U.S. institutions
No, don't plan to purchase	250	10364	29358
	56.6%	63.1%	61.5%
No, plan to purchase	42	1549	4802
	9.5%	9.4%	10.1%
Yes, currently own	150	4518	13551
	33.9%	27.5%	28.4%
Total respondent count	442	16431	47711
(Percentages sum to 100%)	100.0%	100.0%	100.0%

2.2a. Own: Gaming devices	The University of Memphis	DR public institutions	All U.S. institutions
No, don't plan to purchase	200	8063	22656
	42.5%	46.8%	44.8%

	The University of Memphis	DR public institutions	All U.S. institutions
No, plan to purchase	12	438	1336
	2.5%	2.5%	2.6%
Yes, currently own	259	8714	26587
	55.0%	50.6%	52.6%
Total respondent count (Percentages sum to 100%)	471	17215	50579
	100.0%	100.0%	100.0%

2.2a. Own: Streaming media devices	The University of Memphis	DR public institutions	All U.S. institutions
No, don't plan to purchase	260	10630	29933
	56.6%	63.8%	61.5%
No, plan to purchase	21	829	2557
	4.6%	5.0%	5.3%
Yes, currently own	178	5204	16176
	38.8%	31.2%	33.2%
Total respondent count (Percentages sum to 100%)	459	16663	48666
	100.0%	100.0%	100.0%

2.2b. Laptop OS	The University of Memphis	DR public institutions	All U.S. institutions
Windows	333	10306	33136
	65.3%	55.3%	60.7%
Mac or OS X	147	7593	19004
	28.8%	40.7%	34.8%
Chrome OS	14	428	1505
	2.7%	2.3%	2.8%
Linux	6	203	421
	1.2%	1.1%	0.8%
Other OS	2	33	152
	0.4%	0.2%	0.3%
Don't know	8	78	400
	1.6%	0.4%	0.7%
Total respondent count (Percentages sum to 100%)	510	18641	54618
	100.0%	100.0%	100.0%

2.2b.1 Laptop touch screen	The University of Memphis	DR public institutions	All U.S. institutions
No	366	13910	40042
	71.6%	74.6%	73.3%
Yes	145	4740	14568
	28.4%	25.4%	26.7%
Total respondent count (Percentages sum to 100%)	511	18650	54610
	100.0%	100.0%	100.0%

2.2c. Tablet OS	The University of Memphis	DR public institutions	All U.S. institutions
iOS (iPad)	139	4660	14144
	46.5%	50.4%	49.0%
Windows OS	43	1483	4306
	14.4%	16.0%	14.9%
Android OS	75	2092	7056
	25.1%	22.6%	24.4%

Fire OS	25	622	1847
	8.4%	6.7%	6.4%
BlackBerry OS	0	9	20
	0.0%	0.1%	0.1%
Other OS	2	104	335
	0.7%	1.1%	1.2%
Don't know	15	284	1169
	5.0%	3.1%	4.0%
Total respondent count (Percentages sum to 100%)	299	9254	28877
	100.0%	100.0%	100.0%

2.2c.1 Tablet keyboard or docking station	The University of Memphis	DR public institutions	All U.S. institutions
No	198	6168	19589
	66.4%	66.7%	67.9%
Yes	100	3076	9255
	33.6%	33.3%	32.1%
Total respondent count (Percentages sum to 100%)	298	9244	28844
	100.0%	100.0%	100.0%

2.2d. Smartphone type	The University of Memphis	DR public institutions	All U.S. institutions
iPhone	325	12275	33012
	61.6%	65.3%	59.6%
Android phone	191	6174	20938
	36.2%	32.9%	37.8%
Windows phone	4	173	600
	0.8%	0.9%	1.1%
BlackBerry phone	3	23	58
	0.6%	0.1%	0.1%
Other smartphone	5	127	635
	0.9%	0.7%	1.1%
Don't know	0	17	101
	0.0%	0.1%	0.2%
Total respondent count (Percentages sum to 100%)	528	18789	55344
	100.0%	100.0%	100.0%

2.2e. Wearable type(s)	The University of Memphis	DR public institutions	All U.S. institutions
Fitness device	83	2844	8461
	56.1%	63.4%	62.9%
Smart watch	29	1045	3030
	19.6%	23.3%	22.5%
Headset	62	1242	3884
	41.9%	27.7%	28.9%
Other, please specify	2	102	382
	1.4%	2.3%	2.8%
Total respondent count	148	4488	13460

2.3. Device usage: Laptop	The University of Memphis	DR public institutions	All U.S. institutions
Did not use at all	21	522	2120

			3.9%	2.7%	3.7%
Used for at least one course			25	544	2004
			4.6%	2.8%	3.5%
Used for about half of my courses			36	943	3217
			6.7%	4.9%	5.6%
Used for most of my courses			105	3871	11679
			19.4%	20.0%	20.2%
Used for all my courses			353	13519	38723
			65.4%	69.7%	67.1%
Total respondent count (Percentages sum to 100%)			540	19399	57743
			100.0%	100.0%	100.0%

2.3. Device usage: Tablet	The University of Memphis	DR public institutions	All U.S. institutions
Did not use at all	294	11409	32353
	57.8%	63.0%	60.8%
Used for at least one course	62	2458	7518
	12.2%	13.6%	14.1%
Used for about half of my courses	51	1468	4541
	10.0%	8.1%	8.5%
Used for most of my courses	53	1315	4028
	10.4%	7.3%	7.6%
Used for all my courses	49	1455	4762
	9.6%	8.0%	9.0%
Total respondent count (Percentages sum to 100%)	509	18105	53202
	100.0%	100.0%	100.0%

2.3. Device usage: Smartphone	The University of Memphis	DR public institutions	All U.S. institutions
Did not use at all	87	3144	10729
	16.1%	16.4%	18.9%
Used for at least one course	132	4529	13472
	24.4%	23.6%	23.7%
Used for about half of my courses	79	3667	10373
	14.6%	19.1%	18.3%
Used for most of my courses	83	3453	9507
	15.4%	18.0%	16.7%
Used for all my courses	159	4380	12689
	29.4%	22.8%	22.4%
Total respondent count (Percentages sum to 100%)	540	19173	56770
	100.0%	100.0%	100.0%

2.3. Device usage: Wearable technology	The University of Memphis	DR public institutions	All U.S. institutions
Did not use at all	457	16805	48647
	91.8%	94.1%	93.2%
Used for at least one course	20	535	1807
	4.0%	3.0%	3.5%
Used for about half of my courses	8	215	633
	1.6%	1.2%	1.2%
Used for most of my courses	4	124	427
	0.8%	0.7%	0.8%

	9	181	692
Used for all my courses	1.8%	1.0%	1.3%
Total respondent count (Percentages sum to 100%)	498	17860	52206
	100.0%	100.0%	100.0%

2.4. Academic success: Laptop	The University of Memphis	DR public institutions	All U.S. institutions
Not at all important	1	47	164
	0.2%	0.3%	0.3%
Not very important	3	203	634
	0.6%	1.1%	1.2%
Moderately important	35	889	2865
	6.9%	4.8%	5.3%
Very important	79	2817	8961
	15.5%	15.3%	16.5%
Extremely important	392	14500	41611
	76.9%	78.6%	76.7%
Total respondent count (Percentages sum to 100%)	510	18456	54235
	100.0%	100.0%	100.0%

2.4. Academic success: Tablet	The University of Memphis	DR public institutions	All U.S. institutions
Not at all important	13	461	1235
	6.1%	6.9%	6.0%
Not very important	36	1639	4833
	17.0%	24.7%	23.4%
Moderately important	69	2144	6522
	32.5%	32.3%	31.5%
Very important	36	1149	3796
	17.0%	17.3%	18.4%
Extremely important	58	1246	4292
	27.4%	18.8%	20.8%
Total respondent count (Percentages sum to 100%)	212	6639	20678
	100.0%	100.0%	100.0%

2.4. Academic success: Smartphone	The University of Memphis	DR public institutions	All U.S. institutions
Not at all important	14	528	1487
	3.1%	3.3%	3.3%
Not very important	67	3099	8750
	15.0%	19.5%	19.2%
Moderately important	130	5344	14876
	29.1%	33.6%	32.6%
Very important	84	3402	9576
	18.8%	21.4%	21.0%
Extremely important	151	3534	10925
	33.9%	22.2%	24.0%
Total respondent count (Percentages sum to 100%)	446	15907	45614
	100.0%	100.0%	100.0%

2.4. Academic success: Wearable technology	The University of Memphis	DR public institutions	All U.S. institutions

	The University of Memphis	DR public institutions	All U.S. institutions
Not at all important	2	204	641
	4.9%	19.7%	18.3%
Not very important	14	384	1214
	34.1%	37.0%	34.6%
Moderately important	15	246	864
	36.6%	23.7%	24.6%
Very important	4	110	354
	9.8%	10.6%	10.1%
Extremely important	6	94	439
	14.6%	9.1%	12.5%
Total respondent count (Percentages sum to 100%)	41	1038	3512
	100.0%	100.0%	100.0%

2.5. Handheld importance: Administrative	The University of Memphis	DR public institutions	All U.S. institutions
Not at all important	45	1458	4130
	8.4%	7.7%	7.4%
Not very important	58	3313	8782
	10.8%	17.4%	15.6%
Moderately important	118	4836	13629
	21.9%	25.5%	24.3%
Very important	112	4120	12516
	20.8%	21.7%	22.3%
Extremely important	205	5273	17121
	38.1%	27.8%	30.5%
Total respondent count (Percentages sum to 100%)	538	19000	56178
	100.0%	100.0%	100.0%

2.5. Handheld importance: Academic	The University of Memphis	DR public institutions	All U.S. institutions
Not at all important	23	568	1825
	4.3%	3.0%	3.2%
Not very important	31	1258	3711
	5.8%	6.6%	6.6%
Moderately important	91	4022	11786
	16.9%	21.2%	21.0%
Very important	136	5451	15875
	25.2%	28.7%	28.3%
Extremely important	258	7697	22981
	47.9%	40.5%	40.9%
Total respondent count (Percentages sum to 100%)	539	18996	56178
	100.0%	100.0%	100.0%

3.1. Overall technology experience	The University of Memphis	DR public institutions	All U.S. institutions
Poor	8	347	1241
	1.5%	1.8%	2.1%
Fair	26	1078	3682
	4.8%	5.5%	6.4%
Neutral	61	2443	7490
	11.2%	12.6%	12.9%
	268	10769	30701

Good	49.3%	55.4%	53.0%
Excellent	172	4664	14396
	31.6%	24.0%	24.9%
Don't know	9	134	411
	1.7%	0.7%	0.7%
Total respondent count (Percentages sum to 100%)	544	19435	57921
	100.0%	100.0%	100.0%

3.2. Wireless experience: Reliable access to Wi-Fi in student housing/dormitories	The University of Memphis	DR public institutions	All U.S. institutions
Poor	57	2001	5391
	10.6%	10.3%	9.3%
Fair	56	2334	5975
	10.4%	12.0%	10.4%
Neutral	53	2533	6869
	9.8%	13.1%	11.9%
Good	76	4310	11480
	14.1%	22.2%	19.9%
Excellent	68	2042	6083
	12.6%	10.5%	10.5%
N/A	230	6153	21881
	42.6%	31.8%	37.9%
Total respondent count (Percentages sum to 100%)	540	19373	57679
	100.0%	100.0%	100.0%

3.2. Wireless experience: Reliable access to Wi-Fi in campus libraries	The University of Memphis	DR public institutions	All U.S. institutions
Poor	24	728	2423
	4.4%	3.8%	4.2%
Fair	37	1629	4626
	6.9%	8.4%	8.0%
Neutral	48	2073	5907
	8.9%	10.7%	10.2%
Good	168	7395	21143
	31.1%	38.2%	36.6%
Excellent	197	5742	17657
	36.5%	29.6%	30.6%
N/A	66	1816	5968
	12.2%	9.4%	10.3%
Total respondent count (Percentages sum to 100%)	540	19383	57724
	100.0%	100.0%	100.0%

3.2. Wireless experience: Reliable access to Wi-Fi in classroom/instructional spaces	The University of Memphis	DR public institutions	All U.S. institutions
Poor	39	1238	3818
	7.2%	6.4%	6.6%
Fair	78	2684	7171
	14.3%	13.9%	12.4%
Neutral	62	2891	7830
	11.4%	14.9%	13.6%
Good	196	7785	22281

	The University of Memphis	DR public institutions	All U.S. institutions
	36.0%	40.2%	38.6%
Excellent	138	3969	13358
	25.4%	20.5%	23.1%
N/A	31	812	3257
	5.7%	4.2%	5.6%
Total respondent count (Percentages sum to 100%)	544	19379	57715
	100.0%	100.0%	100.0%

3.2. Wireless experience: Ease of login to Wi-Fi network	The University of Memphis	DR public institutions	All U.S. institutions
Poor	32	1330	3964
	5.9%	6.9%	6.9%
Fair	53	2587	6794
	9.8%	13.4%	11.8%
Neutral	55	2927	8160
	10.1%	15.1%	14.1%
Good	186	7258	21078
	34.3%	37.5%	36.5%
Excellent	187	4557	14857
	34.4%	23.5%	25.7%
N/A	30	718	2849
	5.5%	3.7%	4.9%
Total respondent count (Percentages sum to 100%)	543	19377	57702
	100.0%	100.0%	100.0%

3.2. Wireless experience: Network performance	The University of Memphis	DR public institutions	All U.S. institutions
Poor	66	1836	5734
	12.2%	9.5%	9.9%
Fair	85	3298	9070
	15.7%	17.0%	15.7%
Neutral	83	3488	9794
	15.3%	18.0%	17.0%
Good	167	7070	20448
	30.8%	36.5%	35.4%
Excellent	113	3016	10003
	20.8%	15.6%	17.3%
N/A	29	671	2683
	5.3%	3.5%	4.6%
Total respondent count (Percentages sum to 100%)	543	19379	57732
	100.0%	100.0%	100.0%

3.3. Simultaneously connected devices	The University of Memphis	DR public institutions	All U.S. institutions
I don't visit campus.	28	711	2649
	5.1%	3.7%	4.6%
None	8	199	1188
	1.5%	1.0%	2.1%
One	134	3777	14244
	24.6%	19.4%	24.6%
Two	318	12357	33033
	58.3%	63.6%	57.0%

	The University of Memphis	DR public institutions	All U.S. institutions
Three	44	1826	5199
	8.1%	9.4%	9.0%
Four	6	272	801
	1.1%	1.4%	1.4%
Five	3	81	208
	0.6%	0.4%	0.4%
Six or more	3	148	366
	0.6%	0.8%	0.6%
Don't know	1	55	218
	0.2%	0.3%	0.4%
Total respondent count (Percentages sum to 100%)	545	19426	57906
	100.0%	100.0%	100.0%

3.4. Time spent online: Online research/homework	The University of Memphis	DR public institutions	All U.S. institutions
None	3	67	256
	0.6%	0.3%	0.4%
Less than 1 hour	28	991	3413
	5.1%	5.1%	5.9%
1–2 hours	171	6213	19254
	31.4%	32.1%	33.3%
3–4 hours	220	8284	23649
	40.4%	42.7%	40.9%
5–8 hours	87	2959	8534
	16.0%	15.3%	14.8%
More than 8 hours	35	865	2660
	6.4%	4.5%	4.6%
Total respondent count (Percentages sum to 100%)	544	19379	57766
	100.0%	100.0%	100.0%

3.4. Time spent online: Social media	The University of Memphis	DR public institutions	All U.S. institutions
None	41	1136	3984
	7.6%	5.9%	6.9%
Less than 1 hour	130	4965	15630
	24.0%	25.6%	27.1%
1–2 hours	185	7655	21641
	34.2%	39.5%	37.6%
3–4 hours	121	4013	11633
	22.4%	20.7%	20.2%
5–8 hours	44	1158	3403
	8.1%	6.0%	5.9%
More than 8 hours	20	438	1321
	3.7%	2.3%	2.3%
Total respondent count (Percentages sum to 100%)	541	19365	57612
	100.0%	100.0%	100.0%

3.4. Time spent online: Streaming video	The University of Memphis	DR public institutions	All U.S. institutions
None	86	2291	8807
	16.0%	11.9%	15.4%
	165	5877	17713

Less than 1 hour			
	30.7%	30.5%	30.9%
1–2 hours	154	6396	17610
	28.7%	33.1%	30.7%
3–4 hours	97	3527	9563
	18.1%	18.3%	16.7%
5–8 hours	23	900	2723
	4.3%	4.7%	4.7%
More than 8 hours	12	307	913
	2.2%	1.6%	1.6%
Total respondent count (Percentages sum to 100%)	537	19298	57329
	100.0%	100.0%	100.0%

3.4. Time spent online: Online gaming	The University of Memphis	DR public institutions	All U.S. institutions
None	338	12196	36653
	63.2%	63.4%	64.1%
Less than 1 hour	90	3346	9661
	16.8%	17.4%	16.9%
1–2 hours	64	2240	6403
	12.0%	11.6%	11.2%
3–4 hours	31	1059	3099
	5.8%	5.5%	5.4%
5–8 hours	7	270	888
	1.3%	1.4%	1.6%
More than 8 hours	5	118	442
	0.9%	0.6%	0.8%
Total respondent count (Percentages sum to 100%)	535	19229	57146
	100.0%	100.0%	100.0%

3.4. Time spent online: Other online activity	The University of Memphis	DR public institutions	All U.S. institutions
None	93	3004	9824
	17.4%	15.7%	17.3%
Less than 1 hour	162	6265	18774
	30.3%	32.8%	33.0%
1–2 hours	167	6529	18493
	31.2%	34.2%	32.5%
3–4 hours	76	2348	6793
	14.2%	12.3%	12.0%
5–8 hours	23	635	1948
	4.3%	3.3%	3.4%
More than 8 hours	14	320	1003
	2.6%	1.7%	1.8%
Total respondent count (Percentages sum to 100%)	535	19101	56835
	100.0%	100.0%	100.0%

3.5. Notification usefulness: Guidance about courses you might consider taking	The University of Memphis	DR public institutions	All U.S. institutions
Service not provided	43	5118	14466
	7.9%	26.5%	25.1%
Don't know	72	3110	10384

	13.2%	16.1%	18.0%
Not at all useful	36	840	2139
	6.6%	4.3%	3.7%
Not very useful	51	1695	4104
	9.4%	8.8%	7.1%
Moderately useful	138	4685	13684
	25.4%	24.2%	23.7%
Very useful	130	2680	8608
	23.9%	13.9%	14.9%
Extremely useful	74	1216	4248
	13.6%	6.3%	7.4%
Total respondent count (Percentages sum to 100%)	544	19344	57633
	100.0%	100.0%	100.0%

3.5. Notification usefulness: Alerts if it appears your progress in a course is declining	The University of Memphis	DR public institutions	All U.S. institutions
Service not provided	120	5454	14992
	22.1%	28.2%	26.0%
Don't know	124	3991	12643
	22.8%	20.6%	21.9%
Not at all useful	11	689	1705
	2.0%	3.6%	3.0%
Not very useful	25	1228	3060
	4.6%	6.3%	5.3%
Moderately useful	83	3664	10703
	15.3%	18.9%	18.6%
Very useful	105	2890	9441
	19.3%	14.9%	16.4%
Extremely useful	76	1447	5092
	14.0%	7.5%	8.8%
Total respondent count (Percentages sum to 100%)	544	19363	57636
	100.0%	100.0%	100.0%

3.5. Notification usefulness: Suggestions for how to improve performance	The University of Memphis	DR public institutions	All U.S. institutions
Service not provided	101	4852	13445
	18.6%	25.1%	23.3%
Don't know	129	4154	12967
	23.8%	21.5%	22.5%
Not at all useful	16	694	1797
	3.0%	3.6%	3.1%
Not very useful	22	1475	3720
	4.1%	7.6%	6.5%
Moderately useful	122	4442	13215
	22.5%	23.0%	22.9%
Very useful	83	2532	8343
	15.3%	13.1%	14.5%
Extremely useful	69	1198	4120
	12.7%	6.2%	7.2%
Total respondent count (Percentages sum to 100%)	542	19347	57607
	100.0%	100.0%	100.0%

3.5. Notification usefulness: Suggestions about new or different academic resources	The University of Memphis	DR public institutions	All U.S. institutions
Service not provided	43	2405	7070
	7.9%	12.4%	12.3%
Don't know	93	3464	11007
	17.2%	17.9%	19.1%
Not at all useful	11	826	2042
	2.0%	4.3%	3.5%
Not very useful	37	2083	5146
	6.8%	10.8%	8.9%
Moderately useful	156	6628	19049
	28.8%	34.3%	33.1%
Very useful	131	2822	9326
	24.2%	14.6%	16.2%
Extremely useful	71	1122	3988
	13.1%	5.8%	6.9%
Total respondent count (Percentages sum to 100%)	542	19350	57628
	100.0%	100.0%	100.0%

3.6. How many instructors …have adequate technical skills for course instruction	The University of Memphis	DR public institutions	All U.S. institutions
None	10	255	962
	1.9%	1.3%	1.7%
Very few	49	1533	4645
	9.1%	7.9%	8.1%
Some	126	4746	13376
	23.3%	24.6%	23.2%
Most	160	7086	19959
	29.6%	36.7%	34.6%
Almost all	111	3808	11393
	20.6%	19.7%	19.8%
All	84	1883	7290
	15.6%	9.8%	12.7%
Total respondent count (Percentages sum to 100%)	540	19311	57625
	100.0%	100.0%	100.0%

3.6. How many instructors …use technology during class to maintain your attention	The University of Memphis	DR public institutions	All U.S. institutions
None	58	1616	5241
	10.8%	8.4%	9.1%
Very few	90	3560	9613
	16.7%	18.4%	16.7%
Some	136	5657	16149
	25.3%	29.3%	28.0%
Most	107	4346	12797
	19.9%	22.5%	22.2%
Almost all	84	2736	8427
	15.6%	14.2%	14.6%
All	63	1395	5375
	11.7%	7.2%	9.3%
Total respondent count (Percentages sum to 100%)	538	19310	57602
	100.0%	100.0%	100.0%

3.6. How many instructors …use technology during class to make connections to the learning material	The University of Memphis	DR public institutions	All U.S. institutions
None	21	645	2208
	3.9%	3.3%	3.8%
Very few	66	2351	6781
	12.2%	12.2%	11.8%
Some	139	5415	14969
	25.7%	28.0%	26.0%
Most	129	5246	15255
	23.8%	27.1%	26.5%
Almost all	108	3807	11334
	20.0%	19.7%	19.7%
All	78	1870	7101
	14.4%	9.7%	12.3%
Total respondent count (Percentages sum to 100%)	541	19334	57648
	100.0%	100.0%	100.0%

3.6. How many instructors …encourage you to use your own technology devices during class to deepen learning	The University of Memphis	DR public institutions	All U.S. institutions
None	68	2615	7959
	12.6%	13.5%	13.8%
Very few	155	5772	16229
	28.7%	29.9%	28.2%
Some	135	5531	15506
	25.0%	28.6%	26.9%
Most	82	2879	8730
	15.2%	14.9%	15.2%
Almost all	54	1644	5444
	10.0%	8.5%	9.4%
All	47	883	3742
	8.7%	4.6%	6.5%
Total respondent count (Percentages sum to 100%)	541	19324	57610
	100.0%	100.0%	100.0%

3.6. How many instructors …encourage you to use online collaboration tools to communicate/collaborate	The University of Memphis	DR public institutions	All U.S. institutions
None	26	824	2560
	4.8%	4.3%	4.4%
Very few	86	2977	7998
	15.9%	15.4%	13.9%
Some	133	5747	15703
	24.6%	29.7%	27.2%
Most	126	4909	14558
	23.3%	25.4%	25.2%
Almost all	98	3143	9938
	18.1%	16.3%	17.2%
All	71	1739	6911
	13.1%	9.0%	12.0%
Total respondent count (Percentages sum to 100%)	540	19339	57668
	100.0%	100.0%	100.0%

3.6. How many instructors …encourage you to use technology for creative or critical thinking tasks	The University of Memphis	DR public institutions	All U.S. institutions
None	40	1414	3983
	7.4%	7.3%	6.9%
Very few	93	3831	10280
	17.2%	19.8%	17.9%
Some	172	6241	17412
	31.9%	32.3%	30.2%
Most	95	4208	12826
	17.6%	21.8%	22.3%
Almost all	78	2435	7987
	14.4%	12.6%	13.9%
All	62	1180	5097
	11.5%	6.1%	8.9%
Total respondent count (Percentages sum to 100%)	540	19309	57585
	100.0%	100.0%	100.0%

3.7. Wish instructors used: LMS	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	215	2175	8259
	39.6%	11.3%	14.3%
(Less) 1	71	1189	3781
	13.1%	6.2%	6.6%
2	31	1397	4293
	5.7%	7.2%	7.5%
3	96	5725	16617
	17.7%	29.6%	28.9%
4	68	4197	11403
	12.5%	21.7%	19.8%
(More) 5	62	4641	13235
	11.4%	24.0%	23.0%
Total respondent count (Percentages sum to 100%)	543	19324	57588
	100.0%	100.0%	100.0%

3.7. Wish instructors used: Online collaboration tools	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	99	2503	8203
	18.4%	13.0%	14.3%
(Less) 1	65	1975	5566
	12.1%	10.2%	9.7%
2	60	2424	7011
	11.2%	12.6%	12.2%
3	149	6161	18028
	27.7%	32.0%	31.4%
4	89	3817	10921
	16.6%	19.8%	19.0%
(More) 5	75	2392	7737
	14.0%	12.4%	13.5%
Total respondent count (Percentages sum to 100%)	537	19272	57466
	100.0%	100.0%	100.0%

3.7. Wish instructors used: E-portfolios	The University of		

	Memphis	DR public institutions	All U.S. institutions
Don't know	254	8342	24741
	47.3%	43.4%	43.1%
(Less) 1	83	3527	10151
	15.5%	18.3%	17.7%
2	42	2064	6030
	7.8%	10.7%	10.5%
3	80	3104	9593
	14.9%	16.1%	16.7%
4	37	1290	3890
	6.9%	6.7%	6.8%
(More) 5	41	907	2933
	7.6%	4.7%	5.1%
Total respondent count (Percentages sum to 100%)	537	19234	57338
	100.0%	100.0%	100.0%

3.7. Wish instructors used: E-books or e-textbooks	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	79	2007	7645
	14.7%	10.4%	13.3%
(Less) 1	107	4038	12152
	19.9%	21.0%	21.2%
2	56	2334	6682
	10.4%	12.1%	11.6%
3	97	3886	11438
	18.0%	20.2%	19.9%
4	74	3031	8256
	13.8%	15.7%	14.4%
(More) 5	125	3953	11211
	23.2%	20.5%	19.5%
Total respondent count (Percentages sum to 100%)	538	19249	57384
	100.0%	100.0%	100.0%

3.7. Wish instructors used: Freely available content beyond your campus	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	54	1535	5812
	10.0%	8.0%	10.1%
(Less) 1	39	1346	4130
	7.2%	7.0%	7.2%
2	33	1423	4380
	6.1%	7.4%	7.6%
3	92	3662	11805
	17.0%	19.0%	20.6%
4	109	4745	13382
	20.1%	24.6%	23.3%
(More) 5	215	6554	17913
	39.7%	34.0%	31.2%
Total respondent count (Percentages sum to 100%)	542	19265	57422
	100.0%	100.0%	100.0%

3.7. Wish instructors used: Simulations or educational games	The University of Memphis	DR public institutions	All U.S. institutions

Don't know	91	2775	9312
	16.8%	14.4%	16.2%
(Less) 1	68	2549	7342
	12.6%	13.2%	12.8%
2	49	1721	4995
	9.1%	8.9%	8.7%
3	91	4065	12014
	16.8%	21.1%	20.9%
4	101	4118	11674
	18.7%	21.4%	20.3%
(More) 5	141	4032	12059
	26.1%	20.9%	21.0%
Total respondent count	541	19260	57396
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.7. Wish instructors used: Recorded lectures or lecture capture	**The University of Memphis**	**DR public institutions**	**All U.S. institutions**
Don't know	69	1509	5745
	12.7%	7.8%	10.0%
(Less) 1	37	1449	4847
	6.8%	7.5%	8.4%
2	34	1267	4005
	6.3%	6.6%	7.0%
3	81	3124	9951
	14.9%	16.2%	17.3%
4	102	4173	12033
	18.8%	21.7%	21.0%
(More) 5	219	7730	20807
	40.4%	40.2%	36.3%
Total respondent count	542	19252	57388
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.7. Wish instructors used: Social media as a learning tool	**The University of Memphis**	**DR public institutions**	**All U.S. institutions**
Don't know	119	3246	10712
	21.9%	16.9%	18.7%
(Less) 1	121	4351	12593
	22.3%	22.6%	21.9%
2	48	2605	7465
	8.8%	13.5%	13.0%
3	113	4451	13329
	20.8%	23.1%	23.2%
4	67	2637	7531
	12.3%	13.7%	13.1%
(More) 5	75	1966	5793
	13.8%	10.2%	10.1%
Total respondent count	543	19256	57423
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.7. Wish instructors used: Non-keyboard or non-mouse interfaces	**The University of Memphis**	**DR public institutions**	**All U.S. institutions**
	181	5911	18143

Don't know			
	33.4%	30.7%	31.6%
(Less) 1	96	3768	10564
	17.7%	19.6%	18.4%
2	54	2524	7243
	10.0%	13.1%	12.6%
3	111	4210	12561
	20.5%	21.9%	21.9%
4	49	1678	5094
	9.0%	8.7%	8.9%
(More) 5	51	1150	3757
	9.4%	6.0%	6.5%
Total respondent count	542	19241	57362
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.7. Wish instructors used: Software to create videos or multimedia resources	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	139	4526	14012
	25.8%	23.6%	24.5%
(Less) 1	74	2897	8202
	13.7%	15.1%	14.3%
2	44	2500	7176
	8.2%	13.0%	12.5%
3	130	4923	14683
	24.1%	25.6%	25.6%
4	87	2737	7986
	16.1%	14.2%	13.9%
(More) 5	65	1628	5223
	12.1%	8.5%	9.1%
Total respondent count	539	19211	57282
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.7. Wish instructors used: Early-alert systems	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	94	3078	9652
	17.5%	16.0%	16.9%
(Less) 1	37	1733	4928
	6.9%	9.0%	8.6%
2	28	1430	4151
	5.2%	7.4%	7.2%
3	96	4096	12041
	17.8%	21.3%	21.0%
4	108	4350	12271
	20.1%	22.7%	21.4%
(More) 5	175	4509	14235
	32.5%	23.5%	24.9%
Total respondent count	538	19196	57278
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.7. Wish instructors used: Search tools to find references or other information online for class work	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	62	1892	6150

	11.5%	9.9%	10.7%
(Less) 1	31	1168	3534
	5.8%	6.1%	6.2%
2	32	1450	4332
	5.9%	7.6%	7.6%
3	126	4851	14691
	23.4%	25.3%	25.7%
4	134	5476	15444
	24.9%	28.6%	27.0%
(More) 5	154	4334	13072
	28.6%	22.6%	22.8%
Total respondent count (Percentages sum to 100%)	539	19171	57223
	100.0%	100.0%	100.0%

3.7. Wish instructors used: Publisher electronic resources	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	58	1355	4920
	10.7%	7.1%	8.6%
(Less) 1	55	1619	4563
	10.2%	8.4%	8.0%
2	43	1614	4886
	8.0%	8.4%	8.5%
3	92	4481	13787
	17.0%	23.4%	24.1%
4	122	5121	14328
	22.6%	26.7%	25.0%
(More) 5	170	4998	14759
	31.5%	26.0%	25.8%
Total respondent count (Percentages sum to 100%)	540	19188	57243
	100.0%	100.0%	100.0%

3.7. Wish instructors used: In-class polling tools	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	110	2067	9724
	20.3%	10.7%	16.9%
(Less) 1	84	3487	9090
	15.5%	18.0%	15.8%
2	52	2456	6536
	9.6%	12.7%	11.3%
3	101	4716	13318
	18.6%	24.4%	23.1%
4	81	3596	10079
	14.9%	18.6%	17.5%
(More) 5	115	3017	8878
	21.2%	15.6%	15.4%
Total respondent count (Percentages sum to 100%)	543	19339	57625
	100.0%	100.0%	100.0%

4.1. Preferred learning environment	The University of Memphis	DR public institutions	All U.S. institutions
No online components	49	1630	5249
	9.0%	8.4%	9.1%

Some online components	301	12353	35007
	55.3%	63.8%	60.6%
Mostly but not completely online	96	2924	8801
	17.6%	15.1%	15.2%
Completely online	42	1034	3753
	7.7%	5.3%	6.5%
No preference	56	1426	4920
	10.3%	7.4%	8.5%
Total respondent count (Percentages sum to 100%)	544	19367	57730
	100.0%	100.0%	100.0%

4.2. Courses taken by mode		The University of Memphis	DR public institutions	All U.S. institutions
Completely online, no face-to-face components	Mean	1.3	1.1	1.3
	SD	2.2	2.1	2.4
	N	542	19230	57300
Mostly online, some face-to-face components	Mean	0.3	0.4	0.4
	SD	1.1	1.3	1.3
	N	542	19230	57300
About half online and half face-to-face	Mean	0.8	0.8	0.7
	SD	1.8	1.8	1.6
	N	542	19230	57300
Some online components, mostly face-to-face	Mean	3.1	4.2	3.5
	SD	3.5	4.6	4.3
	N	542	19230	57300
No online components, completely face-to-face	Mean	2.8	3.4	3.3
	SD	3.7	4.8	4.8
	N	542	19230	57300
Total courses	Mean	8.3	9.9	9.2
	SD	4.7	6.0	6.1
	N	542	19230	57300

4.3. Would include on résumé	The University of Memphis	DR public institutions	All U.S. institutions
Undergraduate degree/diploma	510	18440	53249
	95.0%	96.0%	93.1%
Certificate from an accredited college or university	246	8609	25790
	45.8%	44.8%	45.1%
Certificate from an industry-based training program	159	5718	16126
	29.6%	29.8%	28.2%
Certificate of completion of free course	117	3546	11073
	21.8%	18.5%	19.4%
Digital badge	112	3508	9716
	20.9%	18.3%	17.0%
E-portfolio	130	4503	12991
	24.2%	23.4%	22.7%
Jobs worked during college	387	14673	40432
	72.1%	76.4%	70.7%
Major projects completed during course work	256	10248	27596
	47.7%	53.3%	48.2%
Volunteering/community service	397	13993	39307
	73.9%	72.8%	68.7%

Other, please specify	30	1310	3568
	5.6%	6.8%	6.2%
Total respondent count	537	19217	57204

4.4. I get more actively involved in courses that use technology.	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	10	484	1597
	1.9%	2.5%	2.8%
Strongly disagree	31	865	2700
	5.7%	4.5%	4.7%
Disagree	58	2583	7466
	10.7%	13.4%	13.0%
Neutral	190	6744	20548
	35.2%	35.1%	35.8%
Agree	163	6539	18535
	30.2%	34.0%	32.3%
Strongly agree	88	2017	6491
	16.3%	10.5%	11.3%
Total respondent count (Percentages sum to 100%)	540	19232	57337
	100.0%	100.0%	100.0%

4.4. I am more likely to skip classes when streamed or recorded lectures are available online.	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	40	1048	3569
	7.4%	5.4%	6.2%
Strongly disagree	111	3109	11331
	20.4%	16.1%	19.7%
Disagree	134	4160	13561
	24.7%	21.6%	23.6%
Neutral	98	3502	10551
	18.0%	18.2%	18.4%
Agree	114	5320	13398
	21.0%	27.6%	23.3%
Strongly agree	46	2113	4997
	8.5%	11.0%	8.7%
Total respondent count (Percentages sum to 100%)	543	19252	57407
	100.0%	100.0%	100.0%

4.4. I am more likely to skip classes when materials presented in class are available online.	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	25	520	1976
	4.6%	2.7%	3.4%
Strongly disagree	116	3426	12380
	21.4%	17.8%	21.6%
Disagree	162	4658	15041
	29.9%	24.2%	26.2%
Neutral	87	3806	11115
	16.1%	19.8%	19.4%
Agree	107	5157	12797
	19.7%	26.8%	22.3%
Strongly agree	45	1673	4070
	8.3%	8.7%	7.1%

Total respondent count (Percentages sum to 100%)	542	19240	57379
	100.0%	100.0%	100.0%

4.4. I entered college adequately prepared to use technology needed in my courses.	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	14	305	939
	2.6%	1.6%	1.6%
Strongly disagree	23	698	2164
	4.3%	3.6%	3.8%
Disagree	51	1875	5454
	9.4%	9.7%	9.5%
Neutral	85	3504	10855
	15.7%	18.2%	18.9%
Agree	213	8361	24463
	39.4%	43.4%	42.6%
Strongly agree	155	4501	13511
	28.7%	23.4%	23.5%
Total respondent count (Percentages sum to 100%)	541	19244	57386
	100.0%	100.0%	100.0%

4.4. I am concerned that technology advances may increasingly invade my privacy.	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	28	673	2247
	5.2%	3.5%	3.9%
Strongly disagree	65	2218	6528
	12.0%	11.5%	11.4%
Disagree	115	4354	12720
	21.2%	22.6%	22.2%
Neutral	141	5024	15748
	26.0%	26.1%	27.5%
Agree	145	5012	14383
	26.8%	26.1%	25.1%
Strongly agree	48	1947	5738
	8.9%	10.1%	10.0%
Total respondent count (Percentages sum to 100%)	542	19228	57364
	100.0%	100.0%	100.0%

4.4. I wish I'd been better prepared to use institution-specific technology.	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	25	633	2077
	4.6%	3.3%	3.6%
Strongly disagree	68	1950	6055
	12.5%	10.1%	10.6%
Disagree	89	3815	11215
	16.4%	19.8%	19.5%
Neutral	141	5188	15907
	26.0%	27.0%	27.7%
Agree	156	5549	15704
	28.8%	28.8%	27.4%
Strongly agree	63	2108	6435
	11.6%	11.0%	11.2%
Total respondent count	542	19243	57393

(Percentages sum to 100%)	100.0%	100.0%	100.0%

4.4. I wish I'd been better prepared to use basic software.	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	19	561	1863
	3.5%	2.9%	3.2%
Strongly disagree	107	3806	11111
	19.8%	19.8%	19.4%
Disagree	125	5272	14873
	23.1%	27.4%	25.9%
Neutral	141	4658	14533
	26.1%	24.2%	25.3%
Agree	103	3688	10974
	19.0%	19.2%	19.1%
Strongly agree	46	1244	4002
	8.5%	6.5%	7.0%
Total respondent count	541	19229	57356
(Percentages sum to 100%)	100.0%	100.0%	100.0%

5.1. Physical or learning disability that requires accessible or adaptive technologies	The University of Memphis	DR public institutions	All U.S. institutions
No	504	17985	53152
	92.5%	93.0%	92.1%
Yes, I have one or more physical disabilities.	9	286	912
	1.7%	1.5%	1.6%
Yes, I have one or more learning disabilities.	14	567	1867
	2.6%	2.9%	3.2%
Yes, I have both physical and learning disabilities.	5	117	374
	0.9%	0.6%	0.6%
Prefer not to answer	13	391	1418
	2.4%	2.0%	2.5%
Total respondent count	545	19346	57723
(Percentages sum to 100%)	100.0%	100.0%	100.0%

5.2a. Institution awareness of needed accessible or adaptive technologies	The University of Memphis	DR public institutions	All U.S. institutions
My institution is not aware of my needs.	2	134	457
	7.1%	13.9%	14.6%
Poor	2	117	359
	7.1%	12.1%	11.5%
Fair	4	150	499
	14.3%	15.5%	15.9%
Neutral	3	167	486
	10.7%	17.3%	15.5%
Good	7	208	716
	25.0%	21.6%	22.8%
Excellent	10	166	523
	35.7%	17.2%	16.7%
Don't know	0	23	94
	0.0%	2.4%	3.0%
Total respondent count	28	965	3134
(Percentages sum to 100%)	100.0%	100.0%	100.0%

5.2b. Institution support of needed accessible or adaptive technologies	The University of Memphis	DR public institutions	All U.S. institutions
I am not provided with the technologies I need.	1	75	264
	3.7%	7.8%	8.4%
Poor	1	87	292
	3.7%	9.0%	9.3%
Fair	4	139	455
	14.8%	14.4%	14.5%
Neutral	5	200	595
	18.5%	20.7%	18.9%
Good	5	239	791
	18.5%	24.7%	25.2%
Excellent	10	163	531
	37.0%	16.9%	16.9%
Don't know	1	63	213
	3.7%	6.5%	6.8%
Total respondent count (Percentages sum to 100%)	27	966	3141
	100.0%	100.0%	100.0%

6.1. Technology helped me …engage in the learning process	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	15	425	1335
	2.8%	2.2%	2.4%
Strongly disagree	8	376	1031
	1.5%	2.0%	1.8%
Disagree	29	934	2579
	5.4%	4.9%	4.5%
Neutral	99	4251	12487
	18.4%	22.4%	22.0%
Agree	272	9835	29192
	50.7%	51.7%	51.5%
Strongly agree	114	3193	10109
	21.2%	16.8%	17.8%
Total respondent count (Percentages sum to 100%)	537	19014	56733
	100.0%	100.0%	100.0%

6.1. Technology helped me …develop a personal relationship with my instructors	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	15	617	1924
	2.8%	3.2%	3.4%
Strongly disagree	43	1752	4541
	8.0%	9.2%	8.0%
Disagree	100	4422	11348
	18.6%	23.2%	20.0%
Neutral	170	6222	18997
	31.5%	32.7%	33.4%
Agree	148	4671	15257
	27.5%	24.6%	26.9%
Strongly agree	63	1336	4727
	11.7%	7.0%	8.3%
Total respondent count	539	19020	56794

(Percentages sum to 100%)	100.0%	100.0%	100.0%

6.1. Technology helped me …ask my instructors questions	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	12	324	997
	2.2%	1.7%	1.8%
Strongly disagree	12	355	990
	2.2%	1.9%	1.7%
Disagree	20	875	2345
	3.7%	4.6%	4.1%
Neutral	72	2704	8123
	13.5%	14.2%	14.3%
Agree	260	9811	29070
	48.6%	51.6%	51.2%
Strongly agree	159	4940	15240
	29.7%	26.0%	26.8%
Total respondent count	535	19009	56765
(Percentages sum to 100%)	100.0%	100.0%	100.0%

6.1. Technology helped me …discuss course topics with my instructors	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	12	542	1649
	2.2%	2.8%	2.9%
Strongly disagree	13	648	1702
	2.4%	3.4%	3.0%
Disagree	43	2007	5136
	8.0%	10.5%	9.0%
Neutral	112	4788	14022
	20.9%	25.2%	24.7%
Agree	248	8467	25708
	46.4%	44.5%	45.3%
Strongly agree	107	2575	8549
	20.0%	13.5%	15.1%
Total respondent count	535	19027	56766
(Percentages sum to 100%)	100.0%	100.0%	100.0%

6.1. Technology helped me …understand my instructors' expectations	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	13	381	1185
	2.4%	2.0%	2.1%
Strongly disagree	16	458	1373
	3.0%	2.4%	2.4%
Disagree	31	1169	3636
	5.8%	6.1%	6.4%
Neutral	93	3916	12188
	17.3%	20.6%	21.5%
Agree	256	9658	28073
	47.6%	50.8%	49.4%
Strongly agree	129	3435	10327
	24.0%	18.1%	18.2%
Total respondent count	538	19017	56782
(Percentages sum to 100%)	100.0%	100.0%	100.0%

6.1. Technology helped me …view my instructors as approachable	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	16	471	1535
	3.0%	2.5%	2.7%
Strongly disagree	27	777	2057
	5.0%	4.1%	3.6%
Disagree	50	2021	5121
	9.3%	10.6%	9.0%
Neutral	130	5215	15016
	24.3%	27.4%	26.4%
Agree	212	7894	24074
	39.6%	41.5%	42.4%
Strongly agree	101	2646	8983
	18.8%	13.9%	15.8%
Total respondent count	536	19024	56786
(Percentages sum to 100%)	100.0%	100.0%	100.0%

6.1. Technology helped me …get feedback from instructors in a timely manner	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	10	318	1028
	1.9%	1.7%	1.8%
Strongly disagree	15	390	1389
	2.8%	2.1%	2.4%
Disagree	30	1021	3179
	5.6%	5.4%	5.6%
Neutral	92	3149	9711
	17.1%	16.6%	17.1%
Agree	248	9682	28107
	46.1%	50.9%	49.5%
Strongly agree	143	4461	13384
	26.6%	23.5%	23.6%
Total respondent count	538	19021	56798
(Percentages sum to 100%)	100.0%	100.0%	100.0%

6.1. Technology helped me …develop a personal relationship with other students	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	17	664	2118
	3.2%	3.5%	3.7%
Strongly disagree	52	1971	5167
	9.7%	10.4%	9.1%
Disagree	105	4382	11670
	19.6%	23.0%	20.6%
Neutral	163	5821	17698
	30.5%	30.6%	31.2%
Agree	144	4753	15212
	26.9%	25.0%	26.8%
Strongly agree	54	1426	4919
	10.1%	7.5%	8.7%
Total respondent count	535	19017	56784
(Percentages sum to 100%)	100.0%	100.0%	100.0%

6.1. Technology helped me …ask other students questions	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	20	567	1849
	3.7%	3.0%	3.3%
Strongly disagree	14	807	2218
	2.6%	4.2%	3.9%
Disagree	47	2195	5711
	8.7%	11.5%	10.1%
Neutral	123	4452	13193
	22.8%	23.4%	23.2%
Agree	233	8228	24939
	43.1%	43.2%	43.9%
Strongly agree	103	2789	8872
	19.1%	14.6%	15.6%
Total respondent count (Percentages sum to 100%)	540	19038	56782
	100.0%	100.0%	100.0%

6.1. Technology helped me …discuss course topics with other students	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	24	567	1788
	4.5%	3.0%	3.2%
Strongly disagree	15	805	2126
	2.8%	4.2%	3.7%
Disagree	44	2113	5580
	8.2%	11.1%	9.8%
Neutral	122	4587	13699
	22.7%	24.1%	24.1%
Agree	239	8302	25177
	44.5%	43.7%	44.4%
Strongly agree	93	2624	8384
	17.3%	13.8%	14.8%
Total respondent count (Percentages sum to 100%)	537	18998	56754
	100.0%	100.0%	100.0%

6.1. Technology helped me …view other students as approachable	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	29	774	2450
	5.4%	4.1%	4.3%
Strongly disagree	32	1211	3152
	5.9%	6.4%	5.6%
Disagree	60	3116	7890
	11.1%	16.4%	13.9%
Neutral	169	6078	18304
	31.2%	32.0%	32.3%
Agree	181	6078	19044
	33.4%	32.0%	33.6%
Strongly agree	71	1761	5902
	13.1%	9.3%	10.4%
Total respondent count (Percentages sum to 100%)	542	19018	56742
	100.0%	100.0%	100.0%

6.1. Technology helped me …get feedback from other	The University of		

students in a timely manner	Memphis	DR public institutions	All U.S. institutions
Don't know	32	893	2628
	5.9%	4.7%	4.6%
Strongly disagree	26	838	2344
	4.8%	4.4%	4.1%
Disagree	48	2132	5833
	8.9%	11.2%	10.3%
Neutral	124	4841	14714
	23.0%	25.4%	25.9%
Agree	217	7762	23333
	40.3%	40.8%	41.1%
Strongly agree	91	2564	7971
	16.9%	13.5%	14.0%
Total respondent count (Percentages sum to 100%)	538	19030	56823
	100.0%	100.0%	100.0%

6.1. Technology helped me …participate in group activities	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	26	518	1745
	4.9%	2.7%	3.1%
Strongly disagree	20	661	2014
	3.7%	3.5%	3.5%
Disagree	54	1677	4699
	10.1%	8.8%	8.3%
Neutral	114	3969	12154
	21.3%	20.9%	21.4%
Agree	224	8721	25702
	41.8%	45.9%	45.3%
Strongly agree	98	3464	10434
	18.3%	18.2%	18.4%
Total respondent count (Percentages sum to 100%)	536	19010	56748
	100.0%	100.0%	100.0%

6.1. Technology helped me …explain course ideas or concepts to other students	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	21	811	2445
	3.9%	4.3%	4.3%
Strongly disagree	17	815	2123
	3.2%	4.3%	3.7%
Disagree	55	2335	6223
	10.2%	12.3%	11.0%
Neutral	157	5394	16364
	29.1%	28.4%	28.8%
Agree	203	7450	22594
	37.7%	39.2%	39.8%
Strongly agree	86	2211	7019
	16.0%	11.6%	12.4%
Total respondent count (Percentages sum to 100%)	539	19016	56768
	100.0%	100.0%	100.0%

6.1. Technology helped me …work with other students on class projects	The University of Memphis	DR public institutions	All U.S. institutions

Don't know	25	563	1897
	4.6%	3.0%	3.3%
Strongly disagree	24	562	1788
	4.4%	3.0%	3.1%
Disagree	47	1279	3754
	8.7%	6.7%	6.6%
Neutral	104	3255	10130
	19.3%	17.1%	17.8%
Agree	217	8691	25619
	40.2%	45.7%	45.1%
Strongly agree	123	4675	13591
	22.8%	24.6%	23.9%
Total respondent count	540	19025	56779
(Percentages sum to 100%)	100.0%	100.0%	100.0%

6.1. Technology helped me …learn something from other students	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	17	609	1913
	3.2%	3.2%	3.4%
Strongly disagree	16	911	2364
	3.0%	4.8%	4.2%
Disagree	60	2436	6404
	11.2%	12.8%	11.3%
Neutral	141	5139	15159
	26.2%	27.0%	26.7%
Agree	214	7717	23709
	39.8%	40.6%	41.8%
Strongly agree	90	2189	7215
	16.7%	11.5%	12.7%
Total respondent count	538	19001	56764
(Percentages sum to 100%)	100.0%	100.0%	100.0%

6.1. Technology helped me …keep track of course news or announcements	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	10	299	1003
	1.9%	1.6%	1.8%
Strongly disagree	6	197	695
	1.1%	1.0%	1.2%
Disagree	12	434	1426
	2.2%	2.3%	2.5%
Neutral	69	1941	6675
	12.8%	10.2%	11.8%
Agree	234	8766	26837
	43.5%	46.1%	47.3%
Strongly agree	207	7370	20108
	38.5%	38.8%	35.4%
Total respondent count	538	19007	56744
(Percentages sum to 100%)	100.0%	100.0%	100.0%

6.1. Technology helped me …investigate topics outside class time	The University of Memphis	DR public institutions	All U.S. institutions
	10	413	1339

	Don't know		
	1.9%	2.2%	2.4%
Strongly disagree	9	310	881
	1.7%	1.6%	1.6%
Disagree	14	743	2010
	2.6%	3.9%	3.5%
Neutral	64	2517	8000
	11.9%	13.2%	14.1%
Agree	244	9151	27337
	45.5%	48.1%	48.1%
Strongly agree	195	5896	17215
	36.4%	31.0%	30.3%
Total respondent count (Percentages sum to 100%)	536	19030	56782
	100.0%	100.0%	100.0%

6.1. Technology helped me …reflect on course materials	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	14	419	1371
	2.6%	2.2%	2.4%
Strongly disagree	9	311	892
	1.7%	1.6%	1.6%
Disagree	18	826	2421
	3.4%	4.3%	4.3%
Neutral	91	3137	9896
	16.9%	16.5%	17.4%
Agree	249	9811	29178
	46.4%	51.6%	51.4%
Strongly agree	156	4517	13027
	29.1%	23.7%	22.9%
Total respondent count (Percentages sum to 100%)	537	19021	56785
	100.0%	100.0%	100.0%

6.1. Technology helped me …conduct research for class assignments	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	14	459	1350
	2.6%	2.4%	2.4%
Strongly disagree	2	217	599
	0.4%	1.1%	1.1%
Disagree	15	475	1287
	2.8%	2.5%	2.3%
Neutral	56	2056	6187
	10.4%	10.8%	10.9%
Agree	205	7888	24167
	38.0%	41.5%	42.6%
Strongly agree	247	7910	23177
	45.8%	41.6%	40.8%
Total respondent count (Percentages sum to 100%)	539	19005	56767
	100.0%	100.0%	100.0%

6.1. Technology helped me …document class work or projects	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	12	405	1256

	2.2%	2.1%	2.2%
Strongly disagree	4	227	696
	0.7%	1.2%	1.2%
Disagree	13	530	1553
	2.4%	2.8%	2.7%
Neutral	70	2350	7619
	13.0%	12.4%	13.4%
Agree	258	9866	29189
	48.0%	51.9%	51.4%
Strongly agree	181	5634	16442
	33.6%	29.6%	29.0%
Total respondent count (Percentages sum to 100%)	538	19012	56755
	100.0%	100.0%	100.0%

6.1. Technology helped me …complete case studies	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	84	3208	8568
	15.6%	16.9%	15.1%
Strongly disagree	17	600	1598
	3.2%	3.2%	2.8%
Disagree	31	1423	3808
	5.8%	7.5%	6.7%
Neutral	118	4919	14698
	22.0%	25.9%	25.9%
Agree	192	6267	19743
	35.8%	33.0%	34.8%
Strongly agree	95	2594	8357
	17.7%	13.6%	14.7%
Total respondent count (Percentages sum to 100%)	537	19011	56772
	100.0%	100.0%	100.0%

6.1. Technology helped me …analyze data	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	34	800	2371
	6.4%	4.2%	4.2%
Strongly disagree	5	337	964
	0.9%	1.8%	1.7%
Disagree	21	817	2427
	3.9%	4.3%	4.3%
Neutral	94	3609	11237
	17.6%	19.0%	19.8%
Agree	236	9129	27168
	44.1%	48.1%	47.9%
Strongly agree	145	4290	12547
	27.1%	22.6%	22.1%
Total respondent count (Percentages sum to 100%)	535	18982	56714
	100.0%	100.0%	100.0%

6.1. Technology helped me …learn through games or interactive activities	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	46	1725	5238
	8.6%	9.1%	9.2%

	The University of Memphis	DR public institutions	All U.S. institutions
Strongly disagree	60	2033	5452
	11.2%	10.7%	9.6%
Disagree	91	3601	9997
	16.9%	18.9%	17.6%
Neutral	124	5092	15689
	23.0%	26.7%	27.6%
Agree	146	5016	15205
	27.1%	26.3%	26.8%
Strongly agree	71	1570	5214
	13.2%	8.2%	9.2%
Total respondent count (Percentages sum to 100%)	538	19037	56795
	100.0%	100.0%	100.0%

6.1. Technology helped me …learn through simulations	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	38	1372	4173
	7.1%	7.2%	7.4%
Strongly disagree	28	954	2586
	5.2%	5.0%	4.6%
Disagree	56	2427	6608
	10.4%	12.8%	11.6%
Neutral	119	4992	15281
	22.2%	26.3%	26.9%
Agree	203	6967	20884
	37.8%	36.7%	36.8%
Strongly agree	93	2297	7224
	17.3%	12.1%	12.7%
Total respondent count (Percentages sum to 100%)	537	19009	56756
	100.0%	100.0%	100.0%

6.2. Technology used in my courses …enriched my learning experiences	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	11	410	1299
	2.0%	2.2%	2.3%
Strongly disagree	6	324	978
	1.1%	1.7%	1.7%
Disagree	23	784	2208
	4.3%	4.1%	3.9%
Neutral	101	3665	11108
	18.7%	19.3%	19.6%
Agree	245	9857	28833
	45.3%	51.8%	50.8%
Strongly agree	155	3983	12340
	28.7%	20.9%	21.7%
Total respondent count (Percentages sum to 100%)	541	19023	56766
	100.0%	100.0%	100.0%

6.2. Technology used in my courses …was relevant to my achievement of course learning objectives	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	11	470	1533
	2.0%	2.5%	2.7%
	9	326	918

	The University of Memphis	DR public institutions	All U.S. institutions
Strongly disagree			
	1.7%	1.7%	1.6%
Disagree	23	830	2207
	4.3%	4.4%	3.9%
Neutral	106	3588	11086
	19.6%	18.9%	19.5%
Agree	260	10028	29603
	48.1%	52.7%	52.2%
Strongly agree	131	3773	11418
	24.3%	19.8%	20.1%
Total respondent count (Percentages sum to 100%)	540	19015	56765
	100.0%	100.0%	100.0%

6.2. Technology used in my courses …contributed to the successful completion of my courses	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	9	426	1326
	1.7%	2.2%	2.3%
Strongly disagree	9	315	898
	1.7%	1.7%	1.6%
Disagree	19	680	1957
	3.5%	3.6%	3.4%
Neutral	76	2935	9094
	14.1%	15.4%	16.0%
Agree	262	9756	28770
	48.5%	51.3%	50.7%
Strongly agree	165	4918	14744
	30.6%	25.8%	26.0%
Total respondent count (Percentages sum to 100%)	540	19030	56789
	100.0%	100.0%	100.0%

6.2. Technology used in my courses …connected course materials and real-world experiences	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	21	587	1753
	3.9%	3.1%	3.1%
Strongly disagree	10	488	1343
	1.9%	2.6%	2.4%
Disagree	44	1604	4069
	8.2%	8.4%	7.2%
Neutral	118	4636	13528
	21.9%	24.4%	23.8%
Agree	228	8636	26231
	42.3%	45.4%	46.2%
Strongly agree	118	3068	9851
	21.9%	16.1%	17.4%
Total respondent count (Percentages sum to 100%)	539	19019	56775
	100.0%	100.0%	100.0%

6.2. Technology used in my courses …helped me understand fundamental concepts	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	10	446	1483
	1.8%	2.3%	2.6%
Strongly disagree	13	350	1008

	2.4%	1.8%	1.8%
Disagree	33	940	2653
	6.1%	4.9%	4.7%
Neutral	119	3895	12011
	22.0%	20.5%	21.1%
Agree	253	10044	29310
	46.8%	52.8%	51.6%
Strongly agree	113	3344	10331
	20.9%	17.6%	18.2%
Total respondent count (Percentages sum to 100%)	541	19019	56796
	100.0%	100.0%	100.0%

6.2. Technology used in my courses …built relevant skills that were useful outside courses	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	18	592	1783
	3.3%	3.1%	3.1%
Strongly disagree	9	439	1229
	1.7%	2.3%	2.2%
Disagree	29	1328	3411
	5.4%	7.0%	6.0%
Neutral	113	4453	13098
	21.0%	23.4%	23.1%
Agree	249	8848	26762
	46.3%	46.5%	47.1%
Strongly agree	120	3358	10481
	22.3%	17.7%	18.5%
Total respondent count (Percentages sum to 100%)	538	19018	56764
	100.0%	100.0%	100.0%

6.2. Technology used in my courses …helped make connections to knowledge obtained in other courses	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	13	584	1789
	2.4%	3.1%	3.2%
Strongly disagree	8	406	1141
	1.5%	2.1%	2.0%
Disagree	29	1319	3355
	5.4%	6.9%	5.9%
Neutral	111	4290	12845
	20.6%	22.6%	22.6%
Agree	265	9329	27711
	49.3%	49.1%	48.8%
Strongly agree	112	3080	9923
	20.8%	16.2%	17.5%
Total respondent count (Percentages sum to 100%)	538	19008	56764
	100.0%	100.0%	100.0%

6.2. Technology used in my courses …helped me understand hard-to-grasp concepts or processes	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	11	474	1515
	2.0%	2.5%	2.7%
Strongly disagree	15	464	1402
	2.8%	2.4%	2.5%

	The University of Memphis	DR public institutions	All U.S. institutions
Disagree	41	1398	3971
	7.6%	7.4%	7.0%
Neutral	104	4196	12902
	19.3%	22.1%	22.7%
Agree	247	8865	26057
	45.7%	46.6%	45.9%
Strongly agree	122	3623	10914
	22.6%	19.0%	19.2%
Total respondent count (Percentages sum to 100%)	540	19020	56761
	100.0%	100.0%	100.0%

6.2. Technology used in my courses …was appropriate to the content being delivered	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	11	491	1558
	2.0%	2.6%	2.7%
Strongly disagree	6	242	732
	1.1%	1.3%	1.3%
Disagree	15	642	1740
	2.8%	3.4%	3.1%
Neutral	85	3518	10555
	15.8%	18.5%	18.6%
Agree	299	10800	31654
	55.5%	56.8%	55.8%
Strongly agree	123	3322	10536
	22.8%	17.5%	18.6%
Total respondent count (Percentages sum to 100%)	539	19015	56775
	100.0%	100.0%	100.0%

6.2. Technology used in my courses …helped me think critically	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	15	560	1687
	2.8%	2.9%	3.0%
Strongly disagree	15	535	1445
	2.8%	2.8%	2.5%
Disagree	47	1778	4498
	8.7%	9.3%	7.9%
Neutral	126	5242	15414
	23.4%	27.6%	27.1%
Agree	224	8194	24786
	41.6%	43.1%	43.6%
Strongly agree	112	2718	8954
	20.8%	14.3%	15.8%
Total respondent count (Percentages sum to 100%)	539	19027	56784
	100.0%	100.0%	100.0%

6.2. Technology used in my courses …helped me focus on learning activities or course materials	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	10	451	1444
	1.9%	2.4%	2.5%
Strongly disagree	12	487	1366
	2.2%	2.6%	2.4%
	33	1308	3509

Disagree			
	6.1%	6.9%	6.2%
Neutral	113	4262	12594
	21.0%	22.4%	22.2%
Agree	254	9405	28050
	47.3%	49.5%	49.4%
Strongly agree	115	3103	9803
	21.4%	16.3%	17.3%
Total respondent count (Percentages sum to 100%)	537	19016	56766
	100.0%	100.0%	100.0%

6.3. Technology used in my courses has enabled me to …receive feedback from others right away	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	19	618	1904
	3.5%	3.3%	3.4%
Strongly disagree	13	539	1527
	2.4%	2.8%	2.7%
Disagree	41	1491	4386
	7.6%	7.9%	7.7%
Neutral	115	4204	12986
	21.5%	22.2%	22.9%
Agree	244	8862	26169
	45.5%	46.7%	46.2%
Strongly agree	104	3254	9662
	19.4%	17.2%	17.1%
Total respondent count (Percentages sum to 100%)	536	18968	56634
	100.0%	100.0%	100.0%

6.3. Technology used in my courses has enabled me to …communicate basic messages	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	18	556	1632
	3.4%	2.9%	2.9%
Strongly disagree	6	320	892
	1.1%	1.7%	1.6%
Disagree	18	695	1936
	3.4%	3.7%	3.4%
Neutral	84	2951	9191
	15.7%	15.6%	16.2%
Agree	275	10327	30719
	51.4%	54.4%	54.3%
Strongly agree	134	4119	12253
	25.0%	21.7%	21.6%
Total respondent count (Percentages sum to 100%)	535	18968	56623
	100.0%	100.0%	100.0%

6.3. Technology used in my courses has enabled me to …understand what other people were trying to communicate	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	22	818	2397
	4.1%	4.3%	4.2%
Strongly disagree	13	523	1456
	2.4%	2.8%	2.6%
	40	1696	4589

Disagree	7.5%	8.9%	8.1%
Neutral	138	5222	15392
	25.8%	27.5%	27.2%
Agree	240	8498	25723
	44.9%	44.8%	45.4%
Strongly agree	82	2222	7089
	15.3%	11.7%	12.5%
Total respondent count (Percentages sum to 100%)	535	18979	56646
	100.0%	100.0%	100.0%

6.3. Technology used in my courses has enabled me to …explain my ideas in specific terms	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	20	877	2570
	3.7%	4.6%	4.5%
Strongly disagree	17	527	1422
	3.2%	2.8%	2.5%
Disagree	43	1862	4680
	8.0%	9.8%	8.3%
Neutral	150	5406	16133
	27.9%	28.5%	28.5%
Agree	218	7967	24465
	40.6%	42.0%	43.2%
Strongly agree	89	2330	7351
	16.6%	12.3%	13.0%
Total respondent count (Percentages sum to 100%)	537	18969	56621
	100.0%	100.0%	100.0%

6.3. Technology used in my courses has enabled me to …help others learn something from me	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	30	1144	3257
	5.6%	6.0%	5.8%
Strongly disagree	12	663	1714
	2.2%	3.5%	3.0%
Disagree	52	2095	5289
	9.7%	11.0%	9.3%
Neutral	137	5614	16493
	25.7%	29.6%	29.1%
Agree	226	7373	23096
	42.3%	38.9%	40.8%
Strongly agree	77	2076	6776
	14.4%	10.9%	12.0%
Total respondent count (Percentages sum to 100%)	534	18965	56625
	100.0%	100.0%	100.0%

6.3. Technology used in my courses has enabled me to …clearly explain new concepts I've learned to others	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	35	962	2871
	6.5%	5.1%	5.1%
Strongly disagree	15	632	1665
	2.8%	3.3%	2.9%
Disagree	52	2313	5742

	9.7%	12.2%	10.1%
Neutral	139	5761	17224
	26.0%	30.4%	30.4%
Agree	218	7236	22445
	40.7%	38.1%	39.6%
Strongly agree	76	2068	6686
	14.2%	10.9%	11.8%
Total respondent count (Percentages sum to 100%)	535	18972	56633
	100.0%	100.0%	100.0%

6.3. Technology used in my courses has enabled me to …persuade my classmates why my ideas are relevant	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	44	1490	4235
	8.2%	7.9%	7.5%
Strongly disagree	22	878	2245
	4.1%	4.6%	4.0%
Disagree	58	2823	7262
	10.8%	14.9%	12.8%
Neutral	173	6510	19724
	32.3%	34.3%	34.8%
Agree	172	5596	17774
	32.1%	29.5%	31.4%
Strongly agree	66	1673	5386
	12.3%	8.8%	9.5%
Total respondent count (Percentages sum to 100%)	535	18970	56626
	100.0%	100.0%	100.0%

6.3. Technology used in my courses has enabled me to …use technical or academic terminology correctly	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	20	752	2250
	3.7%	4.0%	4.0%
Strongly disagree	12	391	1075
	2.2%	2.1%	1.9%
Disagree	24	1162	3069
	4.5%	6.1%	5.4%
Neutral	100	4287	12924
	18.7%	22.6%	22.8%
Agree	267	9333	27818
	49.9%	49.2%	49.1%
Strongly agree	112	3040	9479
	20.9%	16.0%	16.7%
Total respondent count (Percentages sum to 100%)	535	18965	56615
	100.0%	100.0%	100.0%

6.3. Technology used in my courses has enabled me to …explain my thought process from start to finish	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	32	1002	2925
	6.0%	5.3%	5.2%
Strongly disagree	18	725	1907
	3.4%	3.8%	3.4%
Disagree	56	2443	6257
	10.4%	12.9%	11.0%

Neutral	156	5990	17799
	29.1%	31.6%	31.4%
Agree	198	6713	21097
	36.9%	35.4%	37.3%
Strongly agree	76	2085	6646
	14.2%	11.0%	11.7%
Total respondent count (Percentages sum to 100%)	536	18958	56631
	100.0%	100.0%	100.0%

6.4. I get distracted during classes because I …use social media	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	18	501	1792
	3.4%	2.6%	3.2%
Strongly disagree	148	4022	14215
	27.6%	21.1%	25.0%
Disagree	93	2821	9457
	17.4%	14.8%	16.7%
Neutral	75	2926	8997
	14.0%	15.4%	15.9%
Agree	154	6564	16581
	28.7%	34.5%	29.2%
Strongly agree	48	2193	5707
	9.0%	11.5%	10.1%
Total respondent count (Percentages sum to 100%)	536	19027	56749
	100.0%	100.0%	100.0%

6.4. I get distracted during classes because I …text	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	17	465	1641
	3.2%	2.4%	2.9%
Strongly disagree	121	3156	11720
	22.5%	16.6%	20.7%
Disagree	94	2720	9232
	17.5%	14.3%	16.3%
Neutral	90	3367	10213
	16.7%	17.7%	18.0%
Agree	167	7090	18282
	31.0%	37.3%	32.2%
Strongly agree	49	2233	5661
	9.1%	11.7%	10.0%
Total respondent count (Percentages sum to 100%)	538	19031	56749
	100.0%	100.0%	100.0%

6.4. I get distracted during classes because I …read e-mail	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	14	483	1660
	2.6%	2.5%	2.9%
Strongly disagree	132	3388	12509
	24.5%	17.8%	22.1%
Disagree	87	2925	9743
	16.2%	15.4%	17.2%
	93	3237	9800

Neutral			
	17.3%	17.0%	17.3%
Agree	159	7082	18073
	29.6%	37.2%	31.9%
Strongly agree	53	1903	4945
	9.9%	10.0%	8.7%
Total respondent count (Percentages sum to 100%)	538	19018	56730
	100.0%	100.0%	100.0%

6.4. I get distracted during classes because I …play games on a laptop or mobile device	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	25	733	2472
	4.7%	3.9%	4.4%
Strongly disagree	230	7907	24346
	42.9%	41.6%	42.9%
Disagree	126	4501	13664
	23.5%	23.7%	24.1%
Neutral	53	2212	6538
	9.9%	11.6%	11.5%
Agree	77	2778	7228
	14.4%	14.6%	12.7%
Strongly agree	25	888	2492
	4.7%	4.7%	4.4%
Total respondent count (Percentages sum to 100%)	536	19019	56740
	100.0%	100.0%	100.0%

6.4. I get distracted during classes because I …read websites not related to class	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	15	527	1872
	2.8%	2.8%	3.3%
Strongly disagree	159	4367	15706
	29.6%	23.0%	27.7%
Disagree	108	3425	11324
	20.1%	18.0%	20.0%
Neutral	69	2973	8738
	12.8%	15.6%	15.4%
Agree	141	6033	14856
	26.3%	31.7%	26.2%
Strongly agree	45	1694	4249
	8.4%	8.9%	7.5%
Total respondent count (Percentages sum to 100%)	537	19019	56745
	100.0%	100.0%	100.0%

6.4. I get distracted during classes because I …surf the Web	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	16	526	1800
	3.0%	2.8%	3.2%
Strongly disagree	149	4181	14816
	27.8%	22.0%	26.1%
Disagree	102	3351	10803
	19.0%	17.6%	19.0%
Neutral	76	2970	8991

	14.2%	15.6%	15.8%
Agree	147	6005	15402
	27.4%	31.6%	27.1%
Strongly agree	46	1987	4922
	8.6%	10.4%	8.7%
Total respondent count (Percentages sum to 100%)	536	19020	56734
	100.0%	100.0%	100.0%

6.4. I get distracted during classes because I …read printed materials not related to class	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	20	752	2392
	3.7%	4.0%	4.2%
Strongly disagree	228	7684	23220
	42.4%	40.4%	40.9%
Disagree	134	4862	14609
	24.9%	25.6%	25.8%
Neutral	61	2362	7075
	11.3%	12.4%	12.5%
Agree	67	2618	7240
	12.5%	13.8%	12.8%
Strongly agree	28	750	2196
	5.2%	3.9%	3.9%
Total respondent count (Percentages sum to 100%)	538	19028	56732
	100.0%	100.0%	100.0%

6.4. I get distracted during classes because I …read a newspaper	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	23	845	2736
	4.3%	4.4%	4.8%
Strongly disagree	283	9758	28641
	52.5%	51.3%	50.5%
Disagree	132	4713	14221
	24.5%	24.8%	25.1%
Neutral	54	1861	5666
	10.0%	9.8%	10.0%
Agree	28	1405	4065
	5.2%	7.4%	7.2%
Strongly agree	19	437	1400
	3.5%	2.3%	2.5%
Total respondent count (Percentages sum to 100%)	539	19019	56729
	100.0%	100.0%	100.0%

6.4. I get distracted during classes because I …pass notes	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	28	848	2655
	5.2%	4.5%	4.7%
Strongly disagree	272	10194	29380
	50.7%	53.6%	51.8%
Disagree	135	4678	14166
	25.1%	24.6%	25.0%
Neutral	48	1738	5510
	8.9%	9.1%	9.7%

	The University of Memphis	DR public institutions	All U.S. institutions
Agree	39	1193	3671
	7.3%	6.3%	6.5%
Strongly agree	15	369	1330
	2.8%	1.9%	2.3%
Total respondent count (Percentages sum to 100%)	537	19020	56712
	100.0%	100.0%	100.0%

6.4. I get distracted during classes because I …talk to neighbors	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	18	559	1920
	3.4%	2.9%	3.4%
Strongly disagree	168	5057	15491
	31.3%	26.6%	27.3%
Disagree	121	4401	13200
	22.6%	23.1%	23.3%
Neutral	101	3648	11304
	18.8%	19.2%	19.9%
Agree	105	4516	12394
	19.6%	23.7%	21.8%
Strongly agree	23	841	2443
	4.3%	4.4%	4.3%
Total respondent count (Percentages sum to 100%)	536	19022	56752
	100.0%	100.0%	100.0%

For the next set of questions, respondents were asked to rate themselves on a scale of 0–100.

7.1a. Disposition towards IT		The University of Memphis	DR public institutions	All U.S. institutions
Reluctant or Enthusiast	**Mean**	69.9	68.7	68.8
	SD	22.0	20.9	21.2
	N	494	17843	52421
Late adopter or Early adopter	**Mean**	64.8	64.1	64.1
	SD	24.6	23.6	24.0
	N	499	17811	52296
Technophobe or Technophile	**Mean**	68.6	69.0	68.1
	SD	22.3	21.4	21.9
	N	475	17307	50106
Skeptic or Cheerleader	**Mean**	63.2	60.6	60.5
	SD	23.8	23.3	23.6
	N	494	17601	51593
By-the-book or Experimenter	**Mean**	59.6	58.3	58.5
	SD	25.9	24.3	24.8
	N	495	17679	52055
Critic or Supporter	**Mean**	70.9	67.8	68.0
	SD	21.2	22.4	22.5
	N	501	17802	52384

7.1b. Attitude towards IT		The University of Memphis	DR public institutions	All U.S. institutions
Dissatisfied or Satisfied	**Mean**	74.6	71.1	72.0
	SD	19.4	18.9	19.2
	N	504	17894	52959
	Mean	73.4	70.8	71.6

		The University of Memphis	DR public institutions	All U.S. institutions
Discontent or Content	SD	19.6	19.0	19.2
	N	498	17857	52755
Perturbed or Pleased	Mean	74.1	71.2	71.9
	SD	19.6	18.5	18.8
	N	503	17809	52664
Burdensome or Beneficial	Mean	77.4	74.4	75.0
	SD	19.9	19.6	19.6
	N	505	17993	53218
Useless or Useful	Mean	82.1	80.0	80.0
	SD	17.7	17.3	17.6
	N	511	18131	53667
Distraction or Enhancement	Mean	68.0	64.9	66.2
	SD	23.8	22.6	22.8
	N	501	17739	52526

7.1c. Usage of IT		The University of Memphis	DR public institutions	All U.S. institutions
Never connected or Always connected	Mean	78.7	76.2	76.4
	SD	19.1	18.4	18.7
	N	501	17943	52915
Peripheral or Central	Mean	70.7	68.0	68.6
	SD	20.4	19.3	19.4
	N	472	17055	49940
Old media or New media	Mean	72.7	71.8	72.0
	SD	20.0	18.6	18.9
	N	494	17625	51964
Infrequent or Frequent	Mean	81.2	79.3	78.9
	SD	18.1	17.6	18.1
	N	500	18070	53304

7.2. Technology will play an important role in my chosen career after college.	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	18	668	1897
	3.3%	3.5%	3.3%
Strongly disagree	3	275	863
	0.6%	1.4%	1.5%
Disagree	18	645	1796
	3.3%	3.4%	3.2%
Neutral	67	2199	7117
	12.4%	11.5%	12.5%
Agree	196	7070	21244
	36.4%	37.1%	37.3%
Strongly agree	237	8204	23973
	44.0%	43.0%	42.1%
Total respondent count (Percentages sum to 100%)	539	19061	56890
	100.0%	100.0%	100.0%

7.2. Technology that I use in my courses now will prepare me adequately for my chosen career.	The University of Memphis	DR public institutions	All U.S. institutions
Don't know	16	803	2311
	3.0%	4.2%	4.1%
	17	600	1653

Strongly disagree			
	3.2%	3.1%	2.9%
Disagree	34	1361	3537
	6.3%	7.1%	6.2%
Neutral	86	3694	10892
	16.0%	19.4%	19.1%
Agree	214	7866	23315
	39.9%	41.3%	41.0%
Strongly agree	169	4745	15174
	31.5%	24.9%	26.7%
Total respondent count (Percentages sum to 100%)	536	19069	56882
	100.0%	100.0%	100.0%

7.3. Gender	The University of Memphis	DR public institutions	All U.S. institutions
Male	161	7334	20433
	29.8%	38.2%	35.7%
Female	369	11424	35605
	68.2%	59.5%	62.1%
Other	4	194	493
	0.7%	1.0%	0.9%
Prefer not to answer	7	252	760
	1.3%	1.3%	1.3%
Total respondent count (Percentages sum to 100%)	541	19204	57291
	100.0%	100.0%	100.0%

7.4. Intend to earn	The University of Memphis	DR public institutions	All U.S. institutions
Digital badges that certify my skills	81	2337	6986
	15.1%	12.2%	12.2%
A vocational/occupational certificate	43	1228	4825
	8.0%	6.4%	8.4%
A college diploma (non-U.S. respondents only)	0	0	0
	0.0%	0.0%	0.0%
An associate's degree	44	1558	11715
	8.2%	8.1%	20.5%
A bachelor's degree	469	16492	44805
	87.2%	86.0%	78.3%
An honor's degree (non-U.S. respondents only)	0	0	0
	0.0%	0.0%	0.0%
A master's degree	272	8103	22149
	50.6%	42.2%	38.7%
A doctoral degree	111	2902	7844
	20.6%	15.1%	13.7%
Another professional degree	61	2306	5439
	11.3%	12.0%	9.5%
Other, please describe	9	246	922
	1.7%	1.3%	1.6%
N/A	6	237	805
	1.1%	1.2%	1.4%
Total respondent count	538	19182	57220

7.5. Major	The University of Memphis	DR public institutions	All U.S. institutions
Agriculture and natural resources	2	552	1009
	0.4%	2.9%	1.8%
Biological/life sciences	40	1785	4489
	7.4%	9.3%	7.8%
Business, management, marketing	67	2943	8708
	12.4%	15.3%	15.2%
Communications/journalism	18	836	2137
	3.3%	4.3%	3.7%
Computer and information sciences	25	1257	4178
	4.6%	6.5%	7.3%
Education, including physical education	32	969	4028
	5.9%	5.0%	7.0%
Engineering and architecture	38	2389	4710
	7.0%	12.4%	8.2%
Fine and performing arts	19	599	1602
	3.5%	3.1%	2.8%
Health sciences, including professional programs	110	2357	9294
	20.3%	12.3%	16.2%
Humanities	13	433	1400
	2.4%	2.3%	2.4%
Liberal arts/general studies	19	742	1988
	3.5%	3.9%	3.5%
Manufacturing, construction, repair, or transportation	0	56	536
	0.0%	0.3%	0.9%
Physical sciences, including mathematical sciences	6	576	1363
	1.1%	3.0%	2.4%
Public administration, legal, social, and protective services	21	416	1425
	3.9%	2.2%	2.5%
Social sciences	55	1564	4487
	10.1%	8.1%	7.8%
Other major not described above	74	1472	4849
	13.7%	7.7%	8.5%
Undecided	3	285	1167
	0.6%	1.5%	2.0%
Total respondent count (Percentages sum to 100%)	542	19231	57370
	100.0%	100.0%	100.0%

7.6. Part time or full time	The University of Memphis	DR public institutions	All U.S. institutions
Part time	90	2139	9755
	16.6%	11.1%	17.0%
Full time	451	17050	47531
	83.4%	88.9%	83.0%
Total respondent count (Percentages sum to 100%)	541	19189	57286
	100.0%	100.0%	100.0%

7.7. Ethnicity	The University of Memphis	DR public institutions	All U.S. institutions
American Indian/Native American/Alaskan native	13	490	1397
	2.4%	2.6%	2.4%

	The University of Memphis	DR public institutions	All U.S. institutions
Asian/Pacific Islander	34	2530	6383
	6.3%	13.2%	11.1%
Black/African American	154	1230	3742
	28.5%	6.4%	6.5%
Hispanic/Latino	28	2132	9468
	5.2%	11.1%	16.5%
White	302	13521	37664
	55.9%	70.4%	65.7%
Other	10	414	1204
	1.9%	2.2%	2.1%
Prefer not to answer	36	702	2232
	6.7%	3.7%	3.9%
Total respondent count	540	19210	57321

7.8. On/off campus	The University of Memphis	DR public institutions	All U.S. institutions
On campus	106	6460	16615
	19.6%	33.7%	29.0%
Off campus	434	12728	40647
	80.4%	66.3%	71.0%
Total respondent count (Percentages sum to 100%)	540	19188	57262
	100.0%	100.0%	100.0%

7.9. First person in immediate family to attend college	The University of Memphis	DR public institutions	All U.S. institutions
No	356	14491	40776
	65.8%	75.5%	71.2%
Yes	176	4414	15510
	32.5%	23.0%	27.1%
Prefer not to answer	9	286	999
	1.7%	1.5%	1.7%
Total respondent count (Percentages sum to 100%)	541	19191	57285
	100.0%	100.0%	100.0%