

ECAR Study of Students and Technology, 2015

The University of Memphis Benchmarking Report

1.1. Age	The University of Memphis	DR public institutions	All US institutions
18–24	80	13539	34590
	58.0%	87.0%	77.9%
25+	58	2028	9807
	42.0%	13.0%	22.1%
Total respondent count (Percentages sum to 100%)	138	15567	44397
	100.0%	100.0%	100.0%

1.2. Class standing	The University of Memphis	DR public institutions	All US institutions
Freshman or first-year student	26	3415	10935
	18.8%	21.9%	24.6%
Sophomore or second-year student	28	2916	10260
	20.3%	18.7%	23.1%
Junior or third-year student	36	4045	10159
	26.1%	26.0%	22.9%
Senior or fourth-year student	37	3902	8996
	26.8%	25.1%	20.3%
Fifth-year student or beyond	9	962	2467
	6.5%	6.2%	5.6%
Other type of undergraduate student	2	327	1580
	1.4%	2.1%	3.6%
Total respondent count (Percentages sum to 100%)	138	15567	44397
	100.0%	100.0%	100.0%

2.1. Own: Desktop	The University of Memphis	DR public institutions	All US institutions
No, and I don't plan to purchase one.	70	10049	25342
	55.1%	68.0%	60.8%
No, but I plan to purchase one.	4	587	1871
	3.1%	4.0%	4.5%
Yes, I currently own one (or more).	53	4147	14495
	41.7%	28.1%	34.8%
Total respondent count (Percentages sum to 100%)	127	14783	41708
	100.0%	100.0%	100.0%

2.1. Own: Laptop	The University of Memphis	DR public institutions	All US institutions
No, and I don't plan to purchase one.	7	360	1516
	5.1%	2.3%	3.5%

No, but I plan to purchase one.	5	247	1273
	3.7%	1.6%	2.9%
Yes, I currently own one (or more).	124	14857	41081
	91.2%	96.1%	93.6%
Total respondent count (Percentages sum to 100%)	136	15464	43870
	100.0%	100.0%	100.0%

2.1. Own: Tablet	The University of Memphis	DR public institutions	All US institutions
No, and I don't plan to purchase one.	43	6693	17133
	34.4%	45.3%	41.3%
No, but I plan to purchase one.	16	1220	3561
	12.8%	8.3%	8.6%
Yes, I currently own one (or more).	66	6869	20833
	52.8%	46.5%	50.2%
Total respondent count (Percentages sum to 100%)	125	14782	41527
	100.0%	100.0%	100.0%

2.1. Own: Smartphone	The University of Memphis	DR public institutions	All US institutions
No, and I don't plan to purchase one.	8	621	2149
	6.0%	4.1%	5.0%
No, but I plan to purchase one.	3	253	922
	2.2%	1.7%	2.1%
Yes, I currently own one (or more).	123	14450	40231
	91.8%	94.3%	92.9%
Total respondent count (Percentages sum to 100%)	134	15324	43302
	100.0%	100.0%	100.0%

2.1. Own: Wearable technology	The University of Memphis	DR public institutions	All US institutions
No, and I don't plan to purchase one.	100	11182	30785
	84.0%	77.9%	77.4%
No, but I plan to purchase one.	11	1439	4235
	9.2%	10.0%	10.7%
Yes, I currently own one (or more).	8	1740	4743
	6.7%	12.1%	11.9%
Total respondent count (Percentages sum to 100%)	119	14361	39763
	100.0%	100.0%	100.0%

2.1. Own: Internet-connected gaming device	The University of Memphis	DR public institutions	All US institutions
No, and I don't plan to purchase one.	62	8474	22562
	50.8%	57.8%	55.2%
No, but I plan to purchase one.	4	386	1341
	3.3%	2.6%	3.3%
Yes, I currently own one (or more).	56	5793	16988
	45.9%	39.5%	41.5%
Total respondent count (Percentages sum to 100%)	122	14653	40891
	100.0%	100.0%	100.0%

2.2a. Desktop OS	The University of Memphis	DR public institutions	All US institutions
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Windows	45	3225	11458
	84.9%	78.0%	79.3%
Mac or OS X	4	710	2208
	7.5%	17.2%	15.3%
Chrome OS	2	63	325
	3.8%	1.5%	2.3%
Linux	1	91	220
	1.9%	2.2%	1.5%
Other	0	16	83
	0.0%	0.4%	0.6%
Don't know	1	30	149
	1.9%	0.7%	1.0%
Total respondent count (Percentages sum to 100%)	53	4135	14443
	100.0%	100.0%	100.0%

2.2b. Laptop OS	The University of Memphis	DR public institutions	All US institutions
Windows	88	7985	24138
	71.5%	53.8%	58.9%
Mac or OS X	24	6292	14997
	19.5%	42.4%	36.6%
Chrome OS	7	295	1120
	5.7%	2.0%	2.7%
Linux	3	173	350
	2.4%	1.2%	0.9%
Other OS	0	26	116
	0.0%	0.2%	0.3%
Don't know	1	59	268
	0.8%	0.4%	0.7%
Total respondent count (Percentages sum to 100%)	123	14830	40989
	100.0%	100.0%	100.0%

2.2b.1 Laptop touch screen	The University of Memphis	DR public institutions	All US institutions
No	104	12239	33229
	83.9%	82.7%	81.3%
Yes	20	2557	7652
	16.1%	17.3%	18.7%
Total respondent count (Percentages sum to 100%)	124	14796	40881
	100.0%	100.0%	100.0%

2.2b.2 Laptop used more like...	The University of Memphis	DR public institutions	All US institutions
...more like a laptop	14	2043	5595
	70.0%	80.0%	73.4%
...more like a tablet	1	57	237
	5.0%	2.2%	3.1%
...about equal	5	453	1794
	25.0%	17.7%	23.5%
Total respondent count (Percentages sum to 100%)	20	2553	7626
	100.0%	100.0%	100.0%

2.2c. Tablet OS	The University of Memphis	DR public institutions	All US institutions
iOS (iPad)	24	3890	10872
	36.4%	56.7%	52.3%
Windows OS	8	804	2481
	12.1%	11.7%	11.9%
Android OS	22	1540	5387
	33.3%	22.5%	25.9%
Fire OS	8	377	1113
	12.1%	5.5%	5.4%
BlackBerry OS	0	7	31
	0.0%	0.1%	0.1%
Other OS	1	71	234
	1.5%	1.0%	1.1%
Don't know	3	169	674
	4.5%	2.5%	3.2%
Total respondent count (Percentages sum to 100%)	66	6858	20792
	100.0%	100.0%	100.0%

2.2c.1 Tablet keyboard or docking station	The University of Memphis	DR public institutions	All US institutions
No	49	4674	14352
	74.2%	68.4%	69.2%
Yes	17	2164	6382
	25.8%	31.6%	30.8%
Total respondent count (Percentages sum to 100%)	66	6838	20734
	100.0%	100.0%	100.0%

2.2c.2 Tablet used more like...	The University of Memphis	DR public institutions	All US institutions
...more like a tablet	7	970	2700
	41.2%	44.9%	42.4%
...more like a laptop	3	383	1210
	17.6%	17.7%	19.0%
...about equal	7	809	2462
	41.2%	37.4%	38.6%
Total respondent count (Percentages sum to 100%)	17	2162	6372
	100.0%	100.0%	100.0%

2.2d. Smartphone type	The University of Memphis	DR public institutions	All US institutions
iPhone	60	9282	23846
	48.8%	64.3%	59.3%
Android phone	55	4757	15000
	44.7%	33.0%	37.3%
Windows phone	5	249	711
	4.1%	1.7%	1.8%
BlackBerry phone	1	33	88
	0.8%	0.2%	0.2%
Other smartphone	2	94	461
	1.6%	0.7%	1.1%
Don't know	0	15	80

	0.0%	0.1%	0.2%
Total respondent count	123	14430	40186
(Percentages sum to 100%)	100.0%	100.0%	100.0%

2.2e. Wearable technology types	The University of Memphis	DR public institutions	All US institutions
Fitness device	7	1422	3789
	87.5%	82.6%	81.0%
Smart watch	1	310	911
	12.5%	18.0%	19.5%
Google Glass	0	24	86
	0.0%	1.4%	1.8%
Other, please specify	0	81	260
	0.0%	4.7%	5.6%
Total respondent count	8	1722	4678

2.3. Device usage: Desktop	The University of Memphis	DR public institutions	All US institutions
Did not use at all	52	8289	20913
	39.7%	55.1%	49.2%
Used for at least one course	20	2708	7390
	15.3%	18.0%	17.4%
Used for about half of my courses	12	1129	3569
	9.2%	7.5%	8.4%
Used for most of my courses	16	1130	4037
	12.2%	7.5%	9.5%
Used for all my courses	31	1791	6606
	23.7%	11.9%	15.5%
Total respondent count	131	15047	42515
(Percentages sum to 100%)	100.0%	100.0%	100.0%

2.3. Device usage: Laptop	The University of Memphis	DR public institutions	All US institutions
Did not use at all	9	431	1967
	6.5%	2.8%	4.5%
Used for at least one course	7	404	1517
	5.1%	2.6%	3.5%
Used for about half of my courses	11	733	2571
	8.0%	4.7%	5.9%
Used for most of my courses	32	2908	8629
	23.2%	18.8%	19.7%
Used for all my courses	79	10998	29164
	57.2%	71.1%	66.5%
Total respondent count	138	15474	43848
(Percentages sum to 100%)	100.0%	100.0%	100.0%

2.3. Device usage: Tablet	The University of Memphis	DR public institutions	All US institutions
Did not use at all	77	9430	25532
	60.6%	63.2%	61.0%
Used for at least one course	17	2029	5899
	13.4%	13.6%	14.1%

Used for about half of my courses	13	1329	3733
	10.2%	8.9%	8.9%
Used for most of my courses	10	1080	3047
	7.9%	7.2%	7.3%
Used for all my courses	10	1060	3647
	7.9%	7.1%	8.7%
Total respondent count (Percentages sum to 100%)	127	14928	41858
	100.0%	100.0%	100.0%

2.3. Device usage: Smartphone	The University of Memphis	DR public institutions	All US institutions
Did not use at all	47	3895	12061
	35.9%	25.4%	28.0%
Used for at least one course	34	4065	10797
	26.0%	26.6%	25.0%
Used for about half of my courses	20	2656	7072
	15.3%	17.3%	16.4%
Used for most of my courses	14	2112	5758
	10.7%	13.8%	13.4%
Used for all my courses	16	2581	7424
	12.2%	16.9%	17.2%
Total respondent count (Percentages sum to 100%)	131	15309	43112
	100.0%	100.0%	100.0%

2.3. Device usage: Wearable technology	The University of Memphis	DR public institutions	All US institutions
Did not use at all	124	14357	39670
	100.0%	97.6%	97.0%
Used for at least one course	0	139	561
	0.0%	0.9%	1.4%
Used for about half of my courses	0	77	237
	0.0%	0.5%	0.6%
Used for most of my courses	0	40	154
	0.0%	0.3%	0.4%
Used for all my courses	0	90	287
	0.0%	0.6%	0.7%
Total respondent count (Percentages sum to 100%)	124	14703	40909
	100.0%	100.0%	100.0%

2.4. Academic success: Desktop	The University of Memphis	DR public institutions	All US institutions
Not at all important	3	562	1503
	3.8%	8.4%	7.0%
Not very important	9	1400	3634
	11.4%	20.8%	16.9%
Moderately important	18	1890	5301
	22.8%	28.1%	24.6%
Very important	16	1131	4064
	20.3%	16.8%	18.9%
Extremely important	33	1746	7004
	41.8%	25.9%	32.6%
Total respondent count	79	6729	21506

(Percentages sum to 100%)	100.0%	100.0%	100.0%
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2.4. Academic success: Laptop	The University of Memphis	DR public institutions	All US institutions
Not at all important	2	34	131
	1.6%	0.2%	0.3%
Not very important	1	157	460
	0.8%	1.0%	1.1%
Moderately important	11	697	2198
	8.5%	4.6%	5.3%
Very important	16	2365	7358
	12.4%	15.7%	17.6%
Extremely important	99	11765	31661
	76.7%	78.3%	75.7%
Total respondent count (Percentages sum to 100%)	129 100.0%	15018 100.0%	41808 100.0%

2.4. Academic success: Tablet	The University of Memphis	DR public institutions	All US institutions
Not at all important	0	280	736
	0.0%	5.1%	4.5%
Not very important	12	1454	3732
	24.0%	26.6%	23.0%
Moderately important	14	1884	5262
	28.0%	34.4%	32.4%
Very important	13	987	3184
	26.0%	18.0%	19.6%
Extremely important	11	871	3342
	22.0%	15.9%	20.6%
Total respondent count (Percentages sum to 100%)	50 100.0%	5476 100.0%	16256 100.0%

2.4. Academic success: Smartphone	The University of Memphis	DR public institutions	All US institutions
Not at all important	3	461	1209
	3.6%	4.0%	3.9%
Not very important	19	2782	6855
	22.6%	24.4%	22.1%
Moderately important	20	3926	10131
	23.8%	34.5%	32.7%
Very important	19	2220	6195
	22.6%	19.5%	20.0%
Extremely important	23	2002	6561
	27.4%	17.6%	21.2%
Total respondent count (Percentages sum to 100%)	84 100.0%	11391 100.0%	30951 100.0%

2.4. Academic success: Wearable technology	The University of Memphis	DR public institutions	All US institutions
Not at all important	0	63	226
	0	18.6%	18.6%
Not very important	0	95	317

	0	28.0%	26.1%
Moderately important	0	94	299
	0	27.7%	24.6%
Very important	0	45	175
	0	13.3%	14.4%
Extremely important	0	42	197
	0	12.4%	16.2%
Total respondent count (Percentages sum to 100%)	0	339	1214
	0	100.0%	100.0%

2.5a. Handheld importance (administrative): Access library resources	The University of Memphis	DR public institutions	All US institutions
Not at all important	23	2351	5779
	18.7%	16.0%	14.0%
Not very important	19	3434	8239
	15.4%	23.4%	20.0%
Moderately important	42	4005	10929
	34.1%	27.3%	26.6%
Very important	19	2546	7979
	15.4%	17.4%	19.4%
Extremely important	20	2338	8217
	16.3%	15.9%	20.0%
Total respondent count (Percentages sum to 100%)	123	14674	41143
	100.0%	100.0%	100.0%

2.5a. Handheld importance (administrative): Check grades	The University of Memphis	DR public institutions	All US institutions
Not at all important	9	599	1979
	7.3%	4.1%	4.8%
Not very important	3	887	2478
	2.4%	6.0%	6.0%
Moderately important	20	2854	7471
	16.1%	19.4%	18.1%
Very important	30	4058	11118
	24.2%	27.6%	27.0%
Extremely important	62	6286	18131
	50.0%	42.8%	44.0%
Total respondent count (Percentages sum to 100%)	124	14684	41177
	100.0%	100.0%	100.0%

2.5a. Handheld importance (administrative): Access course content	The University of Memphis	DR public institutions	All US institutions
Not at all important	9	724	2166
	7.3%	4.9%	5.3%
Not very important	3	1036	2878
	2.4%	7.1%	7.0%
Moderately important	26	3045	8044
	21.0%	20.7%	19.5%
Very important	34	4029	11031
	27.4%	27.4%	26.8%
Extremely important	52	5844	17060
	41.9%	39.8%	41.4%

Total respondent count	124	14678	41179
(Percentages sum to 100%)	100.0%	100.0%	100.0%

2.5a. Handheld importance (administrative): Use the LMS	The University of Memphis	DR public institutions	All US institutions
Not at all important	32	1304	3866
	26.2%	8.9%	9.4%
Not very important	22	1429	4096
	18.0%	9.7%	10.0%
Moderately important	31	2993	8147
	25.4%	20.4%	19.8%
Very important	14	3621	9746
	11.5%	24.7%	23.7%
Extremely important	23	5334	15310
	18.9%	36.3%	37.2%
Total respondent count	122	14681	41165
(Percentages sum to 100%)	100.0%	100.0%	100.0%

2.5a. Handheld importance (administrative): Register for courses	The University of Memphis	DR public institutions	All US institutions
Not at all important	26	2354	6067
	20.8%	16.0%	14.7%
Not very important	20	2858	7095
	16.0%	19.5%	17.2%
Moderately important	27	3167	8384
	21.6%	21.6%	20.4%
Very important	22	2685	7551
	17.6%	18.3%	18.3%
Extremely important	30	3624	12081
	24.0%	24.7%	29.3%
Total respondent count	125	14688	41178
(Percentages sum to 100%)	100.0%	100.0%	100.0%

2.5a. Handheld importance (administrative): Review transcript	The University of Memphis	DR public institutions	All US institutions
Not at all important	18	2089	5297
	14.5%	14.2%	12.9%
Not very important	20	3079	7510
	16.1%	21.0%	18.3%
Moderately important	38	4008	10653
	30.6%	27.3%	25.9%
Very important	23	2798	8451
	18.5%	19.1%	20.5%
Extremely important	25	2698	9239
	20.2%	18.4%	22.5%
Total respondent count	124	14672	41150
(Percentages sum to 100%)	100.0%	100.0%	100.0%

2.5a. Handheld importance (administrative): Make tuition/fee payments	The University of Memphis	DR public institutions	All US institutions
Not at all important	23	3473	8688
	18.7%	23.7%	21.1%

Not very important	19	3662	8788
	15.4%	25.0%	21.4%
Moderately important	27	3183	8577
	22.0%	21.7%	20.8%
Very important	28	1998	6482
	22.8%	13.6%	15.8%
Extremely important	26	2352	8609
	21.1%	16.0%	20.9%
Total respondent count (Percentages sum to 100%)	123	14668	41144
	100.0%	100.0%	100.0%

2.5a. Handheld importance (administrative): Track financial aid	The University of Memphis	DR public institutions	All US institutions
Not at all important	18	2794	7126
	14.5%	19.0%	17.3%
Not very important	14	3106	7243
	11.3%	21.2%	17.6%
Moderately important	36	3501	9183
	29.0%	23.9%	22.3%
Very important	26	2560	7757
	21.0%	17.5%	18.9%
Extremely important	30	2708	9832
	24.2%	18.5%	23.9%
Total respondent count (Percentages sum to 100%)	124	14669	41141
	100.0%	100.0%	100.0%

2.5a. Handheld importance (administrative): Access information about events, activities, and clubs/organizations	The University of Memphis	DR public institutions	All US institutions
Not at all important	13	1154	3717
	10.5%	7.9%	9.0%
Not very important	13	1728	5358
	10.5%	11.8%	13.0%
Moderately important	34	4015	11344
	27.4%	27.4%	27.6%
Very important	29	3985	10323
	23.4%	27.2%	25.1%
Extremely important	35	3778	10378
	28.2%	25.8%	25.2%
Total respondent count (Percentages sum to 100%)	124	14660	41120
	100.0%	100.0%	100.0%

2.5a. Handheld importance (administrative): Use the mobile device as identification	The University of Memphis	DR public institutions	All US institutions
Not at all important	26	2209	6029
	21.0%	15.1%	14.7%
Not very important	12	2351	6319
	9.7%	16.0%	15.4%
Moderately important	34	3496	9907
	27.4%	23.8%	24.1%
Very important	28	3247	9081
	22.6%	22.1%	22.1%

	24	3370	9811
Extremely important	19.4%	23.0%	23.8%
Total respondent count	124	14673	41147
(Percentages sum to 100%)	100.0%	100.0%	100.0%

2.5a. Handheld importance (administrative): Use the mobile device to verify/record attendance	The University of Memphis	DR public institutions	All US institutions
Not at all important	23	2477	6710
	18.5%	16.9%	16.3%
Not very important	25	2717	7288
	20.2%	18.5%	17.7%
Moderately important	30	3618	9890
	24.2%	24.7%	24.0%
Very important	21	2915	8215
	16.9%	19.9%	20.0%
Extremely important	25	2949	9046
	20.2%	20.1%	22.0%
Total respondent count	124	14676	41149
(Percentages sum to 100%)	100.0%	100.0%	100.0%

2.5b. Tablet importance for administrative activities	The University of Memphis	DR public institutions	All US institutions
Not at all important	3	804	2353
	4.6%	13.3%	13.1%
Not very important	9	1509	4006
	13.8%	25.0%	22.2%
Moderately important	31	1936	5614
	47.7%	32.0%	31.1%
Very important	15	1053	3399
	23.1%	17.4%	18.9%
Extremely important	7	741	2656
	10.8%	12.3%	14.7%
Total respondent count	65	6043	18028
(Percentages sum to 100%)	100.0%	100.0%	100.0%

2.5b. Smartphone importance for administrative activities	The University of Memphis	DR public institutions	All US institutions
Not at all important	6	660	1977
	4.9%	5.2%	5.7%
Not very important	23	2335	6325
	18.9%	18.3%	18.2%
Moderately important	42	4478	11799
	34.4%	35.1%	33.9%
Very important	30	3227	8445
	24.6%	25.3%	24.3%
Extremely important	21	2066	6218
	17.2%	16.2%	17.9%
Total respondent count	122	12766	34764
(Percentages sum to 100%)	100.0%	100.0%	100.0%

2.6a. Handheld importance (academic): Read e-texts	The University of Memphis	DR public institutions	All US institutions

Not at all important	16	2094	5399
	12.9%	14.3%	13.1%
Not very important	10	2390	6168
	8.1%	16.3%	15.0%
Moderately important	34	3759	10388
	27.4%	25.6%	25.3%
Very important	37	3350	9619
	29.8%	22.9%	23.4%
Extremely important	27	3063	9512
	21.8%	20.9%	23.2%
Total respondent count (Percentages sum to 100%)	124	14656	41086
	100.0%	100.0%	100.0%

2.6a. Handheld importance (academic): Communicate with other students about class-related matters outside class	The University of Memphis	DR public institutions	All US institutions
Not at all important	6	683	2019
	4.8%	4.7%	4.9%
Not very important	5	990	2785
	4.0%	6.8%	6.8%
Moderately important	28	3049	8489
	22.4%	20.8%	20.7%
Very important	52	4543	12742
	41.6%	31.0%	31.0%
Extremely important	34	5377	15042
	27.2%	36.7%	36.6%
Total respondent count (Percentages sum to 100%)	125	14642	41077
	100.0%	100.0%	100.0%

2.6a. Handheld importance (academic): Communicate with instructors about class-related matters outside class	The University of Memphis	DR public institutions	All US institutions
Not at all important	6	1283	3125
	4.8%	8.8%	7.6%
Not very important	9	1845	4366
	7.2%	12.6%	10.6%
Moderately important	30	4044	10241
	24.0%	27.6%	24.9%
Very important	48	3918	11442
	38.4%	26.7%	27.8%
Extremely important	32	3562	11919
	25.6%	24.3%	29.0%
Total respondent count (Percentages sum to 100%)	125	14652	41093
	100.0%	100.0%	100.0%

2.6a. Handheld importance (academic): Take notes in class	The University of Memphis	DR public institutions	All US institutions
Not at all important	28	4049	9837
	22.6%	27.6%	23.9%
Not very important	31	3989	10179
	25.0%	27.2%	24.8%
Moderately important	26	2856	8337
	21.0%	19.5%	20.3%

Very important	25	1825	6012
	20.2%	12.5%	14.6%
Extremely important	14	1930	6727
	11.3%	13.2%	16.4%
Total respondent count (Percentages sum to 100%)	124	14649	41092
	100.0%	100.0%	100.0%

2.6a. Handheld importance (academic): Look up course-related information while in class	The University of Memphis	DR public institutions	All US institutions
Not at all important	11	1099	3221
	8.8%	7.5%	7.8%
Not very important	13	1751	4569
	10.4%	12.0%	11.1%
Moderately important	36	3969	10642
	28.8%	27.1%	25.9%
Very important	33	4161	11465
	26.4%	28.4%	27.9%
Extremely important	32	3659	11170
	25.6%	25.0%	27.2%
Total respondent count (Percentages sum to 100%)	125	14639	41067
	100.0%	100.0%	100.0%

2.6a. Handheld importance (academic): Take pictures of in-class activities or resources	The University of Memphis	DR public institutions	All US institutions
Not at all important	11	1153	3410
	8.8%	7.9%	8.3%
Not very important	16	1975	5464
	12.8%	13.5%	13.3%
Moderately important	39	4063	11125
	31.2%	27.7%	27.1%
Very important	29	3882	10597
	23.2%	26.5%	25.8%
Extremely important	30	3584	10504
	24.0%	24.5%	25.6%
Total respondent count (Percentages sum to 100%)	125	14657	41100
	100.0%	100.0%	100.0%

2.6a. Handheld importance (academic): Record your instructor's lecture or in-class activities	The University of Memphis	DR public institutions	All US institutions
Not at all important	24	3534	9072
	19.2%	24.1%	22.1%
Not very important	24	3771	9628
	19.2%	25.7%	23.4%
Moderately important	34	3261	9081
	27.2%	22.3%	22.1%
Very important	24	2128	6619
	19.2%	14.5%	16.1%
Extremely important	19	1953	6687
	15.2%	13.3%	16.3%
Total respondent count (Percentages sum to 100%)	125	14647	41087
	100.0%	100.0%	100.0%

2.6a. Handheld importance (academic): Answer questions posed in class to generate/tally automatic responses	The University of Memphis	DR public institutions	All US institutions
Not at all important	24	2941	7584
	19.2%	20.1%	18.5%
Not very important	16	3191	8558
	12.8%	21.8%	20.8%
Moderately important	41	3618	10257
	32.8%	24.7%	25.0%
Very important	30	2685	7747
	24.0%	18.3%	18.9%
Extremely important	14	2213	6917
	11.2%	15.1%	16.8%
Total respondent count	125	14648	41063
(Percentages sum to 100%)	100.0%	100.0%	100.0%

2.6a. Handheld importance (academic): Participate in interactive class activities	The University of Memphis	DR public institutions	All US institutions
Not at all important	20	2418	6182
	16.0%	16.5%	15.1%
Not very important	20	3364	8283
	16.0%	23.0%	20.2%
Moderately important	32	3867	10724
	25.6%	26.4%	26.1%
Very important	31	2793	8412
	24.8%	19.1%	20.5%
Extremely important	22	2212	7469
	17.6%	15.1%	18.2%
Total respondent count	125	14654	41070
(Percentages sum to 100%)	100.0%	100.0%	100.0%

2.6a. Handheld importance (academic): Produce content	The University of Memphis	DR public institutions	All US institutions
Not at all important	26	3287	8149
	20.8%	22.4%	19.8%
Not very important	30	3872	9509
	24.0%	26.4%	23.2%
Moderately important	29	3237	9058
	23.2%	22.1%	22.1%
Very important	25	2209	7040
	20.0%	15.1%	17.1%
Extremely important	15	2042	7312
	12.0%	13.9%	17.8%
Total respondent count	125	14647	41068
(Percentages sum to 100%)	100.0%	100.0%	100.0%

2.6b. Tablet importance for academic activities	The University of Memphis	DR public institutions	All US institutions
Not at all important	6	932	2652
	9.1%	13.7%	12.8%
Not very important	8	1437	3997
	12.1%	21.1%	19.3%

Moderately important	20	2042	6098
	30.3%	30.0%	29.5%
Very important	22	1353	4165
	33.3%	19.8%	20.2%
Extremely important	10	1054	3756
	15.2%	15.5%	18.2%
Total respondent count (Percentages sum to 100%)	66	6818	20668
	100.0%	100.0%	100.0%

2.6b. Smartphone importance for academic activities	The University of Memphis	DR public institutions	All US institutions
Not at all important	8	694	2116
	6.5%	4.8%	5.3%
Not very important	16	2443	6620
	13.0%	17.1%	16.6%
Moderately important	44	5098	13543
	35.8%	35.6%	34.0%
Very important	28	3573	9770
	22.8%	25.0%	24.5%
Extremely important	27	2512	7839
	22.0%	17.5%	19.7%
Total respondent count (Percentages sum to 100%)	123	14320	39888
	100.0%	100.0%	100.0%

2.7. Required to own or provided with desktop	The University of Memphis	DR public institutions	All US institutions
Required to own by institution	11	655	2880
	8.1%	4.3%	6.6%
Provided by institution	53	4933	14866
	39.0%	32.3%	34.2%
Neither required to own nor provided	75	9848	26468
	55.1%	64.4%	60.8%
Total respondent count	136	15287	43522

2.7. Required to own or provided with laptop	The University of Memphis	DR public institutions	All US institutions
Required to own by institution	23	4081	10682
	16.7%	26.5%	24.4%
Provided by institution	17	1715	6241
	12.3%	11.1%	14.3%
Neither required to own nor provided	99	9931	27979
	71.7%	64.5%	63.9%
Total respondent count	138	15401	43753

2.7. Required to own or provided with tablet	The University of Memphis	DR public institutions	All US institutions
Required to own by institution	5	255	1533
	3.7%	1.7%	3.6%
Provided by institution	3	696	2538
	2.2%	4.6%	5.9%
Neither required to own nor provided	129	14315	39223
	94.9%	93.9%	91.0%

Total respondent count	136	15242	43080
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2.7. Required to own or provided with smartphone	The University of Memphis	DR public institutions	All US institutions
Required to own by institution	7	496	1727
	5.2%	3.3%	4.0%
Provided by institution	1	125	461
	0.7%	0.8%	1.1%
Neither required to own nor provided	128	14628	40949
	94.8%	96.0%	95.0%
Total respondent count	135	15237	43087

3.2. Wireless experience: Reliable access to Wi-Fi throughout campus	The University of Memphis	DR public institutions	All US institutions
Poor	12	1528	4799
	8.8%	9.9%	10.9%
Fair	17	2590	7382
	12.4%	16.8%	16.8%
Neutral	10	2282	6400
	7.3%	14.8%	14.6%
Good	61	6074	16139
	44.5%	39.4%	36.7%
Excellent	30	2480	7383
	21.9%	16.1%	16.8%
N/A	7	445	1830
	5.1%	2.9%	4.2%
Total respondent count (Percentages sum to 100%)	137	15399	43933
	100.0%	100.0%	100.0%

3.2. Wireless experience: Reliable access to Wi-Fi specifically in classroom/instructional spaces	The University of Memphis	DR public institutions	All US institutions
Poor	5	1028	3442
	3.7%	6.7%	7.8%
Fair	11	2093	6077
	8.1%	13.6%	13.9%
Neutral	18	2045	5982
	13.2%	13.3%	13.6%
Good	49	5943	16160
	36.0%	38.7%	36.8%
Excellent	44	3767	10148
	32.4%	24.5%	23.1%
N/A	9	497	2058
	6.6%	3.2%	4.7%
Total respondent count (Percentages sum to 100%)	136	15373	43867
	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 US institutions
Poor	6	1323	4198
	4.4%	8.6%	9.6%
Fair	13	2009	5993
	9.5%	13.1%	13.7%

Neutral	18	2481	7154
	13.1%	16.1%	16.3%
Good	44	5382	14396
	32.1%	35.0%	32.8%
Excellent	49	3743	10310
	35.8%	24.4%	23.5%
N/A	7	429	1797
	5.1%	2.8%	4.1%
Total respondent count (Percentages sum to 100%)	137	15367	43848
	100.0%	100.0%	100.0%

3.2. Wireless experience: Network performance	The University of Memphis	DR public institutions	All US institutions
Poor	18	1944	6129
	13.1%	12.6%	14.0%
Fair	19	2703	7918
	13.9%	17.6%	18.1%
Neutral	21	2943	8125
	15.3%	19.2%	18.5%
Good	40	5026	13357
	29.2%	32.7%	30.5%
Excellent	32	2350	6655
	23.4%	15.3%	15.2%
N/A	7	402	1653
	5.1%	2.6%	3.8%
Total respondent count (Percentages sum to 100%)	137	15368	43837
	100.0%	100.0%	100.0%

3.3. Simultaneously connected devices	The University of Memphis	DR public institutions	All US institutions
None	8	473	2153
	5.8%	3.1%	4.9%
One	45	3207	11612
	32.8%	20.8%	26.4%
Two	79	9805	24597
	57.7%	63.7%	56.0%
Three	5	1618	4657
	3.6%	10.5%	10.6%
Four	0	201	620
	0.0%	1.3%	1.4%
Five	0	43	150
	0.0%	0.3%	0.3%
Six or more	0	55	160
	0.0%	0.4%	0.4%
Total respondent count (Percentages sum to 100%)	137	15402	43949
	100.0%	100.0%	100.0%

3.4. Handheld support (administrative): Accessing library resources	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	4	569	1837
	3.3%	3.9%	4.5%
	64	6672	16951

Haven't used service in the past year	52.0%	45.9%	41.7%
Poor	1	734	2009
	0.8%	5.1%	4.9%
Fair	8	1282	3508
	6.5%	8.8%	8.6%
Neutral	13	2046	5750
	10.6%	14.1%	14.1%
Good	25	2403	7514
	20.3%	16.5%	18.5%
Excellent	8	820	3123
	6.5%	5.6%	7.7%
Total respondent count	123	14526	40692
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.4. Handheld support (administrative): Checking grades	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	3	264	1075
	2.4%	1.8%	2.6%
Haven't used service in the past year	20	1309	4657
	16.1%	9.0%	11.4%
Poor	5	815	2184
	4.0%	5.6%	5.4%
Fair	13	1683	4413
	10.5%	11.6%	10.8%
Neutral	9	2302	5967
	7.3%	15.8%	14.7%
Good	51	5602	14742
	41.1%	38.5%	36.2%
Excellent	23	2558	7679
	18.5%	17.6%	18.9%
Total respondent count	124	14533	40717
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.4. Handheld support (administrative): Accessing course content	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	3	338	1240
	2.4%	2.3%	3.0%
Haven't used service in the past year	22	1462	5012
	17.9%	10.1%	12.3%
Poor	6	926	2426
	4.9%	6.4%	6.0%
Fair	20	1911	4938
	16.3%	13.1%	12.1%
Neutral	10	2559	6627
	8.1%	17.6%	16.3%
Good	46	5386	14301
	37.4%	37.0%	35.1%
Excellent	16	1959	6185
	13.0%	13.5%	15.2%
Total respondent count	123	14541	40729
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.4. Handheld support (administrative): Using the LMS	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	13	475	1695
	10.6%	3.3%	4.2%
Haven't used service in the past year	55	2051	6733
	44.7%	14.1%	16.5%
Poor	6	1271	3058
	4.9%	8.7%	7.5%
Fair	9	1879	4778
	7.3%	12.9%	11.7%
Neutral	12	2398	6320
	9.8%	16.5%	15.5%
Good	20	4679	12461
	16.3%	32.2%	30.6%
Excellent	8	1789	5659
	6.5%	12.3%	13.9%
Total respondent count (Percentages sum to 100%)	123	14542	40704
	100.0%	100.0%	100.0%

3.4. Handheld support (administrative): Registering for courses	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	4	788	2628
	3.2%	5.4%	6.5%
Haven't used service in the past year	63	5698	15162
	50.8%	39.2%	37.2%
Poor	4	1321	3244
	3.2%	9.1%	8.0%
Fair	7	1347	3425
	5.6%	9.3%	8.4%
Neutral	9	1936	5127
	7.3%	13.3%	12.6%
Good	24	2469	7453
	19.4%	17.0%	18.3%
Excellent	13	978	3680
	10.5%	6.7%	9.0%
Total respondent count (Percentages sum to 100%)	124	14537	40719
	100.0%	100.0%	100.0%

3.4. Handheld support (administrative): Reviewing transcript	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	5	631	2059
	4.1%	4.3%	5.1%
Haven't used service in the past year	54	6064	15587
	43.9%	41.7%	38.3%
Poor	3	796	2124
	2.4%	5.5%	5.2%
Fair	11	1229	3461
	8.9%	8.5%	8.5%
Neutral	15	2063	5643
	12.2%	14.2%	13.9%
Good	27	2862	8479

	22.0%	19.7%	20.8%
Excellent	8	887	3354
	6.5%	6.1%	8.2%
Total respondent count	123	14532	40707
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.4. Handheld support (administrative): Making tuition/fee payments	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	4	707	2377
	3.2%	4.9%	5.8%
Haven't used service in the past year	63	8194	21017
	50.8%	56.4%	51.6%
Poor	2	605	1633
	1.6%	4.2%	4.0%
Fair	7	875	2395
	5.6%	6.0%	5.9%
Neutral	14	1597	4577
	11.3%	11.0%	11.2%
Good	24	1866	5903
	19.4%	12.8%	14.5%
Excellent	10	692	2820
	8.1%	4.8%	6.9%
Total respondent count	124	14536	40722
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.4. Handheld support (administrative): Tracking financial aid	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	2	571	1988
	1.6%	3.9%	4.9%
Haven't used service in the past year	50	7063	17740
	40.3%	48.7%	43.6%
Poor	1	606	1714
	0.8%	4.2%	4.2%
Fair	10	1121	3142
	8.1%	7.7%	7.7%
Neutral	14	1904	5345
	11.3%	13.1%	13.1%
Good	35	2439	7501
	28.2%	16.8%	18.4%
Excellent	12	810	3266
	9.7%	5.6%	8.0%
Total respondent count	124	14514	40696
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.4. Handheld support (administrative): Accessing information about events, activities, and clubs/organizations	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	1	313	1101
	0.8%	2.2%	2.7%
Haven't used service in the past year	34	3127	9793
	27.4%	21.5%	24.0%
Poor	3	510	1465

	2.4%	3.5%	3.6%
Fair	11	1390	3929
	8.9%	9.6%	9.6%
Neutral	20	2608	6960
	16.1%	17.9%	17.1%
Good	46	4987	12806
	37.1%	34.3%	31.4%
Excellent	9	1609	4674
	7.3%	11.1%	11.5%
Total respondent count	124	14544	40728
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.4. Handheld support (administrative): Using the mobile device as identification	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	16	2247	6450
	13.0%	15.5%	15.8%
Haven't used service in the past year	54	5502	15207
	43.9%	37.9%	37.4%
Poor	1	503	1386
	0.8%	3.5%	3.4%
Fair	8	1033	2800
	6.5%	7.1%	6.9%
Neutral	10	1777	5037
	8.1%	12.2%	12.4%
Good	25	2524	6975
	20.3%	17.4%	17.1%
Excellent	9	943	2856
	7.3%	6.5%	7.0%
Total respondent count	123	14529	40711
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.4. Handheld support (administrative): Using the mobile device to verify/record attendance	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	9	1607	4752
	7.4%	11.1%	11.7%
Haven't used service in the past year	68	6365	17029
	55.7%	43.8%	41.8%
Poor	2	490	1373
	1.6%	3.4%	3.4%
Fair	6	951	2674
	4.9%	6.5%	6.6%
Neutral	10	1790	5054
	8.2%	12.3%	12.4%
Good	17	2508	6935
	13.9%	17.3%	17.0%
Excellent	10	817	2880
	8.2%	5.6%	7.1%
Total respondent count	122	14528	40697
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.5. Handheld support (academic): Reading e-texts	The University of Memphis	DR public institutions	All US institutions
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Service not offered/does not function	6	569	1712
	4.8%	3.9%	4.2%
Haven't used service in the past year	39	4518	12912
	31.2%	31.1%	31.7%
Poor	6	540	1423
	4.8%	3.7%	3.5%
Fair	7	1091	2977
	5.6%	7.5%	7.3%
Neutral	17	2307	6044
	13.6%	15.9%	14.8%
Good	34	3858	10651
	27.2%	26.5%	26.1%
Excellent	16	1658	5076
	12.8%	11.4%	12.4%
Total respondent count (Percentages sum to 100%)	125	14541	40795
	100.0%	100.0%	100.0%

3.5. Handheld support (academic): Communicating with other students about class-related matters outside class	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	1	279	887
	0.8%	1.9%	2.2%
Haven't used service in the past year	20	1932	6067
	16.1%	13.3%	14.9%
Poor	1	305	905
	0.8%	2.1%	2.2%
Fair	12	841	2432
	9.7%	5.8%	6.0%
Neutral	14	1905	5480
	11.3%	13.1%	13.4%
Good	49	5620	15210
	39.5%	38.6%	37.3%
Excellent	27	3666	9824
	21.8%	25.2%	24.1%
Total respondent count (Percentages sum to 100%)	124	14548	40805
	100.0%	100.0%	100.0%

3.5. Handheld support (academic): Communicating with instructors about class-related matters outside class	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	1	295	929
	0.8%	2.0%	2.3%
Haven't used service in the past year	25	2962	7818
	20.2%	20.4%	19.2%
Poor	3	333	1013
	2.4%	2.3%	2.5%
Fair	10	1047	2862
	8.1%	7.2%	7.0%
Neutral	15	2317	6124
	12.1%	15.9%	15.0%
Good	46	5372	14969
	37.1%	36.9%	36.7%
Excellent	24	2227	7090
	19.4%	15.3%	17.4%

Total respondent count	124	14553	40805
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.5. Handheld support (academic): Taking notes in class	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	3	450	1370
	2.4%	3.1%	3.4%
Haven't used service in the past year	56	6521	17377
	45.2%	44.8%	42.6%
Poor	3	705	1669
	2.4%	4.8%	4.1%
Fair	8	1034	2665
	6.5%	7.1%	6.5%
Neutral	14	2018	5622
	11.3%	13.9%	13.8%
Good	26	2689	8063
	21.0%	18.5%	19.8%
Excellent	14	1146	4031
	11.3%	7.9%	9.9%
Total respondent count	124	14563	40797
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.5. Handheld support (academic): Looking up course-related information while in class	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	2	249	907
	1.6%	1.7%	2.2%
Haven't used service in the past year	21	2204	7114
	16.9%	15.1%	17.4%
Poor	4	491	1401
	3.2%	3.4%	3.4%
Fair	14	1287	3346
	11.3%	8.8%	8.2%
Neutral	15	2430	6574
	12.1%	16.7%	16.1%
Good	46	5597	14756
	37.1%	38.5%	36.2%
Excellent	22	2295	6698
	17.7%	15.8%	16.4%
Total respondent count	124	14553	40796
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.5. Handheld support (academic): Taking pictures of in-class activities or resources	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	2	278	983
	1.6%	1.9%	2.4%
Haven't used service in the past year	30	3082	9651
	24.0%	21.2%	23.7%
Poor	1	254	765
	0.8%	1.7%	1.9%
Fair	8	843	2301
	6.4%	5.8%	5.6%
	18	1947	5342

Neutral	14.4%	13.4%	13.1%
Good	42	5160	13529
	33.6%	35.5%	33.2%
Excellent	24	2973	8221
	19.2%	20.5%	20.2%
Total respondent count (Percentages sum to 100%)	125	14537	40792
	100.0%	100.0%	100.0%

3.5. Handheld support (academic): Recording your instructor's lecture or in-class activities	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	4	500	1630
	3.2%	3.4%	4.0%
Haven't used service in the past year	70	7786	20981
	56.0%	53.5%	51.4%
Poor	1	448	1155
	0.8%	3.1%	2.8%
Fair	9	730	2070
	7.2%	5.0%	5.1%
Neutral	11	1732	4745
	8.8%	11.9%	11.6%
Good	23	2306	6674
	18.4%	15.8%	16.3%
Excellent	7	1056	3566
	5.6%	7.3%	8.7%
Total respondent count (Percentages sum to 100%)	125	14558	40821
	100.0%	100.0%	100.0%

3.5. Handheld support (academic): Answering questions posed in class to generate/tally automatic responses	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	3	1140	3086
	2.4%	7.8%	7.6%
Haven't used service in the past year	54	6445	17583
	43.5%	44.3%	43.1%
Poor	4	423	1169
	3.2%	2.9%	2.9%
Fair	10	887	2404
	8.1%	6.1%	5.9%
Neutral	11	1828	5279
	8.9%	12.6%	12.9%
Good	33	2792	7844
	26.6%	19.2%	19.2%
Excellent	9	1021	3401
	7.3%	7.0%	8.3%
Total respondent count (Percentages sum to 100%)	124	14536	40766
	100.0%	100.0%	100.0%

3.5. Handheld support (academic): Participating in interactive class activities	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	3	719	2073
	2.4%	4.9%	5.1%
Haven't used service in the past year	52	5777	15259

	41.9%	39.7%	37.4%
Poor	3	510	1371
	2.4%	3.5%	3.4%
Fair	8	1043	2849
	6.5%	7.2%	7.0%
Neutral	13	2284	6222
	10.5%	15.7%	15.3%
Good	33	3122	9228
	26.6%	21.5%	22.6%
Excellent	12	1087	3789
	9.7%	7.5%	9.3%
Total respondent count	124	14542	40791
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.5. Handheld support (academic): Producing content	The University of Memphis	DR public institutions	All US institutions
Service not offered/does not function	5	777	2230
	4.0%	5.3%	5.5%
Haven't used service in the past year	66	5899	15739
	52.8%	40.6%	38.6%
Poor	5	959	2363
	4.0%	6.6%	5.8%
Fair	8	1245	3257
	6.4%	8.6%	8.0%
Neutral	17	2197	5955
	13.6%	15.1%	14.6%
Good	19	2596	7858
	15.2%	17.8%	19.3%
Excellent	5	873	3394
	4.0%	6.0%	8.3%
Total respondent count	125	14546	40796
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.6. How many instructors ...have adequate technical skills for course	The University of Memphis	DR public institutions	All US institutions
None	3	222	873
	2.2%	1.5%	2.0%
Very few	8	1180	3617
	6.0%	7.7%	8.3%
Some	28	3600	10180
	20.9%	23.6%	23.4%
Most	53	5318	14303
	39.6%	34.9%	32.9%
Almost all	17	3183	8848
	12.7%	20.9%	20.3%
All	25	1755	5711
	18.7%	11.5%	13.1%
Total respondent count	134	15258	43532
(Percentages sum to 100%)	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 US institutions
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None	9	984	3286
	6.7%	6.5%	7.5%
Very few	11	2139	5935
	8.1%	14.0%	13.6%
Some	27	4168	11388
	20.0%	27.3%	26.2%
Most	45	3673	10304
	33.3%	24.1%	23.7%
Almost all	26	2826	7855
	19.3%	18.5%	18.0%
All	17	1462	4758
	12.6%	9.6%	10.9%
Total respondent count (Percentages sum to 100%)	135	15252	43526
	100.0%	100.0%	100.0%

3.6. How many instructors ...use technology during class to supplement the learning material	The University of Memphis	DR public institutions	All US institutions
None	5	546	1927
	3.7%	3.6%	4.4%
Very few	11	1698	4739
	8.1%	11.1%	10.9%
Some	40	4053	11171
	29.4%	26.6%	25.7%
Most	27	4085	11363
	19.9%	26.8%	26.1%
Almost all	32	3238	8988
	23.5%	21.2%	20.6%
All	21	1645	5347
	15.4%	10.8%	12.3%
Total respondent count (Percentages sum to 100%)	136	15265	43535
	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 US institutions
None	25	2016	5978
	18.4%	13.2%	13.7%
Very few	36	4336	11876
	26.5%	28.4%	27.3%
Some	30	4336	11610
	22.1%	28.4%	26.7%
Most	18	2328	6583
	13.2%	15.2%	15.1%
Almost all	17	1464	4507
	12.5%	9.6%	10.4%
All	10	786	2980
	7.4%	5.1%	6.8%
Total respondent count (Percentages sum to 100%)	136	15266	43534
	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 US institutions
	8	662	2145

None	5.9%	4.3%	4.9%
	29	2071	5742
Very few	21.5%	13.6%	13.2%
	29	4186	11396
Some	21.5%	27.4%	26.2%
	26	3893	10683
Most	19.3%	25.5%	24.5%
	23	2833	8093
Almost all	17.0%	18.6%	18.6%
	20	1615	5472
All	14.8%	10.6%	12.6%
	Total respondent count	135	15260
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.7. Resource/tool usage: LMS	The University of Memphis	DR public institutions	All US institutions
Did not use at all	76	2028	6992
	56.3%	13.3%	16.1%
Used in at least one course	17	1129	3671
	12.6%	7.4%	8.5%
Used in about half of my courses	6	1610	5437
	4.4%	10.6%	12.5%
Used in most of my courses	19	4028	11851
	14.1%	26.4%	27.3%
Used in all my courses	17	6434	15469
	12.6%	42.2%	35.6%
Total respondent count	135	15229	43420
	(Percentages sum to 100%)	100.0%	100.0%

3.7. Resource/tool usage: E-portfolios	The University of Memphis	DR public institutions	All US institutions
Did not use at all	108	11569	30637
	80.0%	76.0%	70.7%
Used in at least one course	19	1927	5565
	14.1%	12.7%	12.8%
Used in about half of my courses	5	833	2783
	3.7%	5.5%	6.4%
Used in most of my courses	1	612	2585
	0.7%	4.0%	6.0%
Used in all my courses	2	279	1787
	1.5%	1.8%	4.1%
Total respondent count	135	15220	43357
	(Percentages sum to 100%)	100.0%	100.0%

3.7. Resource/tool usage: E-books or e-textbooks	The University of Memphis	DR public institutions	All US institutions
Did not use at all	43	3850	12991
	32.1%	25.2%	29.9%
Used in at least one course	38	5184	13517
	28.4%	34.0%	31.1%
Used in about half of my courses	31	3261	8126

	23.1%	21.4%	18.7%
Used in most of my courses	12	2108	5744
	9.0%	13.8%	13.2%
Used in all my courses	10	853	3076
	7.5%	5.6%	7.1%
Total respondent count (Percentages sum to 100%)	134	15256	43454
	100.0%	100.0%	100.0%

3.7. Resource/tool usage: Simulations or educational games	The University of Memphis	DR public institutions	All US institutions
Did not use at all	91	9260	26751
	68.4%	60.8%	61.6%
Used in at least one course	24	3832	9730
	18.0%	25.2%	22.4%
Used in about half of my courses	7	1154	3434
	5.3%	7.6%	7.9%
Used in most of my courses	4	718	2333
	3.0%	4.7%	5.4%
Used in all my courses	7	272	1156
	5.3%	1.8%	2.7%
Total respondent count (Percentages sum to 100%)	133	15236	43404
	100.0%	100.0%	100.0%

3.7. Resource/tool usage: Recorded lectures or lecture capture	The University of Memphis	DR public institutions	All US institutions
Did not use at all	76	8584	26142
	56.7%	56.3%	60.2%
Used in at least one course	29	3382	8290
	21.6%	22.2%	19.1%
Used in about half of my courses	15	1625	4083
	11.2%	10.7%	9.4%
Used in most of my courses	6	1122	3110
	4.5%	7.4%	7.2%
Used in all my courses	8	525	1779
	6.0%	3.4%	4.1%
Total respondent count (Percentages sum to 100%)	134	15238	43404
	100.0%	100.0%	100.0%

3.7. Resource/tool usage: Online collaboration tools	The University of Memphis	DR public institutions	All US institutions
Did not use at all	65	2494	8868
	48.1%	16.4%	20.4%
Used in at least one course	29	3292	8792
	21.5%	21.6%	20.2%
Used in about half of my courses	16	3019	7900
	11.9%	19.8%	18.2%
Used in most of my courses	12	3361	9253
	8.9%	22.0%	21.3%
Used in all my courses	13	3082	8622
	9.6%	20.2%	19.9%
Total respondent count (Percentages sum to 100%)	135	15248	43435
	100.0%	100.0%	100.0%

3.7. Resource/tool usage: Tablet during class	The University of Memphis	DR public institutions	All US institutions
Did not use at all	79	9603	26700
	58.5%	63.1%	61.5%
Used in at least one course	30	2051	6165
	22.2%	13.5%	14.2%
Used in about half of my courses	10	1571	4493
	7.4%	10.3%	10.4%
Used in most of my courses	11	1270	3664
	8.1%	8.3%	8.4%
Used in all my courses	5	723	2373
	3.7%	4.8%	5.5%
Total respondent count (Percentages sum to 100%)	135	15218	43395
	100.0%	100.0%	100.0%

3.7. Resource/tool usage: Smartphone during class	The University of Memphis	DR public institutions	All US institutions
Did not use at all	51	4832	14617
	37.5%	31.7%	33.6%
Used in at least one course	43	5030	13208
	31.6%	33.0%	30.4%
Used in about half of my courses	24	2634	7259
	17.6%	17.3%	16.7%
Used in most of my courses	7	1761	5147
	5.1%	11.5%	11.8%
Used in all my courses	11	998	3243
	8.1%	6.5%	7.5%
Total respondent count (Percentages sum to 100%)	136	15255	43474
	100.0%	100.0%	100.0%

3.7. Resource/tool usage: Laptop during class	The University of Memphis	DR public institutions	All US institutions
Did not use at all	40	2557	9990
	29.6%	16.8%	23.0%
Used in at least one course	34	3561	10139
	25.2%	23.3%	23.3%
Used in about half of my courses	25	3389	8773
	18.5%	22.2%	20.2%
Used in most of my courses	21	3377	8096
	15.6%	22.1%	18.6%
Used in all my courses	15	2367	6467
	11.1%	15.5%	14.9%
Total respondent count (Percentages sum to 100%)	135	15251	43465
	100.0%	100.0%	100.0%

3.7. Resource/tool usage: Social media as a learning tool	The University of Memphis	DR public institutions	All US institutions
Did not use at all	76	7551	22842
	56.3%	49.6%	52.6%
Used in at least one course	37	4147	10706
	27.4%	27.2%	24.7%
	10	1805	4682

Used in about half of my courses	7.4%	11.8%	10.8%
Used in most of my courses	8	1181	3319
	5.9%	7.8%	7.6%
Used in all my courses	4	554	1868
	3.0%	3.6%	4.3%
Total respondent count (Percentages sum to 100%)	135	15238	43417
	100.0%	100.0%	100.0%

3.7. Resource/tool usage: 3D printers	The University of Memphis	DR public institutions	All US institutions
Did not use at all	128	13424	38246
	94.8%	88.0%	88.1%
Used in at least one course	3	802	1847
	2.2%	5.3%	4.3%
Used in about half of my courses	1	442	1331
	0.7%	2.9%	3.1%
Used in most of my courses	2	402	1304
	1.5%	2.6%	3.0%
Used in all my courses	1	177	687
	0.7%	1.2%	1.6%
Total respondent count (Percentages sum to 100%)	135	15247	43415
	100.0%	100.0%	100.0%

3.7. Resource/tool usage: Software to create videos or multimedia resources	The University of Memphis	DR public institutions	All US institutions
Did not use at all	81	8515	23642
	60.9%	55.9%	54.5%
Used in at least one course	27	3776	10350
	20.3%	24.8%	23.9%
Used in about half of my courses	11	1555	4571
	8.3%	10.2%	10.5%
Used in most of my courses	8	966	3225
	6.0%	6.3%	7.4%
Used in all my courses	6	419	1599
	4.5%	2.8%	3.7%
Total respondent count (Percentages sum to 100%)	133	15231	43387
	100.0%	100.0%	100.0%

3.7. Resource/tool usage: Non-keyboard or non-mouse interfaces	The University of Memphis	DR public institutions	All US institutions
Did not use at all	87	9916	28117
	65.4%	65.0%	64.7%
Used in at least one course	28	2215	6148
	21.1%	14.5%	14.2%
Used in about half of my courses	7	1395	3879
	5.3%	9.1%	8.9%
Used in most of my courses	4	1093	3234
	3.0%	7.2%	7.4%
Used in all my courses	7	633	2063
	5.3%	4.2%	4.7%
Total respondent count (Percentages sum to 100%)	133	15252	43441

	100.0%	100.0%	100.0%
3.7. Resource/tool usage: Search tools to find references or other information online for class work	The University of Memphis	DR public institutions	All US institutions
Did not use at all	21 15.6%	2104 13.8%	6358 14.7%
Used in at least one course	22 16.3%	2833 18.6%	8028 18.5%
Used in about half of my courses	22 16.3%	3501 23.0%	9671 22.3%
Used in most of my courses	36 26.7%	3810 25.0%	10710 24.7%
Used in all my courses	34 25.2%	2968 19.5%	8606 19.8%
Total respondent count (Percentages sum to 100%)	135 100.0%	15216 100.0%	43373 100.0%

	The University of Memphis	DR public institutions	All US institutions
3.7. Resource/tool usage: Online blogs or discussion/collaboration tools related to class work			
Did not use at all	54 40.9%	4935 32.4%	14840 34.2%
Used in at least one course	39 29.5%	5269 34.6%	13647 31.4%
Used in about half of my courses	11 8.3%	2658 17.4%	7312 16.8%
Used in most of my courses	13 9.8%	1700 11.2%	4902 11.3%
Used in all my courses	15 11.4%	676 4.4%	2724 6.3%
Total respondent count (Percentages sum to 100%)	132 100.0%	15238 100.0%	43425 100.0%

	The University of Memphis	DR public institutions	All US institutions
3.8. More effective if better skilled with: LMS			
Strongly disagree	13 9.6%	1134 7.4%	3287 7.6%
Disagree	21 15.4%	1415 9.3%	3707 8.5%
Neutral	52 38.2%	5117 33.5%	14396 33.1%
Agree	35 25.7%	5145 33.7%	14345 33.0%
Strongly agree	15 11.0%	2447 16.0%	7775 17.9%
Total respondent count (Percentages sum to 100%)	136 100.0%	15258 100.0%	43510 100.0%

	The University of Memphis	DR public institutions	All US institutions
3.8. More effective if better skilled with: E-portfolios			
Strongly disagree	19 14.0%	2376 15.6%	6323 14.5%
Disagree	26	2538	6519

	19.1%	16.6%	15.0%
Neutral	61	7089	19360
	44.9%	46.4%	44.5%
Agree	24	2383	7869
	17.6%	15.6%	18.1%
Strongly agree	6	877	3427
	4.4%	5.7%	7.9%
Total respondent count (Percentages sum to 100%)	136	15263	43498
	100.0%	100.0%	100.0%

3.8. More effective if better skilled with: E-books or e-textbooks	The University of Memphis	DR public institutions	All US institutions
Strongly disagree	12	1608	4600
	9.0%	10.5%	10.6%
Disagree	21	1963	5212
	15.7%	12.9%	12.0%
Neutral	41	5251	14702
	30.6%	34.4%	33.8%
Agree	43	4538	12613
	32.1%	29.8%	29.0%
Strongly agree	17	1892	6376
	12.7%	12.4%	14.7%
Total respondent count (Percentages sum to 100%)	134	15252	43503
	100.0%	100.0%	100.0%

3.8. More effective if better skilled with: Simulations or educational games	The University of Memphis	DR public institutions	All US institutions
Strongly disagree	13	1897	5279
	9.6%	12.4%	12.1%
Disagree	21	2368	5992
	15.4%	15.5%	13.8%
Neutral	49	5548	15677
	36.0%	36.3%	36.0%
Agree	38	4110	11827
	27.9%	26.9%	27.2%
Strongly agree	15	1349	4745
	11.0%	8.8%	10.9%
Total respondent count (Percentages sum to 100%)	136	15272	43520
	100.0%	100.0%	100.0%

3.8. More effective if better skilled with: Recorded lectures or lecture capture	The University of Memphis	DR public institutions	All US institutions
Strongly disagree	13	1383	3990
	9.7%	9.1%	9.2%
Disagree	19	1748	4687
	14.2%	11.5%	10.8%
Neutral	41	4835	13788
	30.6%	31.7%	31.7%
Agree	41	4919	13856
	30.6%	32.2%	31.8%
Strongly agree	20	2374	7184
	14.9%	15.6%	16.5%

Total respondent count	134	15259	43505
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.8. More effective if better skilled with: Online collaboration tools	The University of Memphis	DR public institutions	All US institutions
Strongly disagree	12	1076	3210
	8.8%	7.1%	7.4%
Disagree	22	1356	3521
	16.2%	8.9%	8.1%
Neutral	55	4988	14221
	40.4%	32.7%	32.7%
Agree	26	5412	15095
	19.1%	35.5%	34.7%
Strongly agree	21	2424	7476
	15.4%	15.9%	17.2%
Total respondent count	136	15256	43523
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.8. More effective if better skilled with: Tablet during class	The University of Memphis	DR public institutions	All US institutions
Strongly disagree	14	2225	6009
	10.3%	14.6%	13.8%
Disagree	24	2548	6546
	17.6%	16.7%	15.0%
Neutral	51	5824	16228
	37.5%	38.2%	37.3%
Agree	37	3333	9975
	27.2%	21.9%	22.9%
Strongly agree	10	1321	4757
	7.4%	8.7%	10.9%
Total respondent count	136	15251	43515
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.8. More effective if better skilled with: Smartphone during class	The University of Memphis	DR public institutions	All US institutions
Strongly disagree	14	2130	5976
	10.3%	14.0%	13.7%
Disagree	27	2897	7340
	19.9%	19.0%	16.9%
Neutral	45	5438	15262
	33.1%	35.6%	35.1%
Agree	38	3515	10353
	27.9%	23.0%	23.8%
Strongly agree	12	1274	4594
	8.8%	8.4%	10.6%
Total respondent count	136	15254	43525
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.8. More effective if better skilled with: Laptop during class	The University of Memphis	DR public institutions	All US institutions
Strongly disagree	7	1180	3489
	5.1%	7.7%	8.0%

Disagree	17	1629	4222
	12.5%	10.7%	9.7%
Neutral	38	4727	13411
	27.9%	31.0%	30.8%
Agree	53	4907	13917
	39.0%	32.2%	32.0%
Strongly agree	21	2817	8503
	15.4%	18.5%	19.5%
Total respondent count (Percentages sum to 100%)	136	15260	43542
	100.0%	100.0%	100.0%

3.8. More effective if better skilled with: Social media as a learning tool	The University of Memphis	DR public institutions	All US institutions
Strongly disagree	18	2550	7095
	13.2%	16.7%	16.3%
Disagree	33	2904	7812
	24.3%	19.0%	18.0%
Neutral	47	5274	15521
	34.6%	34.6%	35.7%
Agree	31	3465	9463
	22.8%	22.7%	21.7%
Strongly agree	7	1070	3623
	5.1%	7.0%	8.3%
Total respondent count (Percentages sum to 100%)	136	15263	43514
	100.0%	100.0%	100.0%

3.8. More effective if better skilled with: 3D printers	The University of Memphis	DR public institutions	All US institutions
Strongly disagree	23	3183	8455
	16.9%	20.9%	19.4%
Disagree	31	2788	7258
	22.8%	18.3%	16.7%
Neutral	54	5731	16898
	39.7%	37.6%	38.8%
Agree	21	2334	6843
	15.4%	15.3%	15.7%
Strongly agree	7	1226	4067
	5.1%	8.0%	9.3%
Total respondent count (Percentages sum to 100%)	136	15262	43521
	100.0%	100.0%	100.0%

3.8. More effective if better skilled with: Software to create videos or multimedia resources	The University of Memphis	DR public institutions	All US institutions
Strongly disagree	15	1846	4901
	11.0%	12.1%	11.3%
Disagree	21	2351	5612
	15.4%	15.4%	12.9%
Neutral	48	5584	15907
	35.3%	36.6%	36.6%
Agree	37	3978	11915
	27.2%	26.1%	27.4%
	15	1496	5149

Strongly agree	11.0%	9.8%	11.8%
Total respondent count	136	15255	43484
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.8. More effective if better skilled with: Non-keyboard or non-mouse interfaces	The University of Memphis	DR public institutions	All US institutions
Strongly disagree	11 8.1%	2327 15.3%	6213 14.3%
Disagree	29 21.5%	2898 19.0%	7445 17.1%
Neutral	52 38.5%	6392 41.9%	18061 41.5%
Agree	31 23.0%	2726 17.9%	8269 19.0%
Strongly agree	12 8.9%	913 6.0%	3523 8.1%
Total respondent count	135	15256	43511
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.8. More effective if better skilled with: Search tools to find references or other information online for class work	The University of Memphis	DR public institutions	All US institutions
Strongly disagree	7 5.1%	901 5.9%	2678 6.2%
Disagree	17 12.5%	1013 6.6%	2663 6.1%
Neutral	29 21.3%	4321 28.3%	12094 27.8%
Agree	61 44.9%	6168 40.4%	17340 39.9%
Strongly agree	22 16.2%	2849 18.7%	8723 20.1%
Total respondent count	136	15252	43498
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.8. More effective if better skilled with: Online blogs or discussion/collaboration tools related to class work	The University of Memphis	DR public institutions	All US institutions
Strongly disagree	12 8.8%	1618 10.6%	4539 10.4%
Disagree	23 16.9%	2245 14.7%	5630 12.9%
Neutral	50 36.8%	5868 38.5%	16641 38.3%
Agree	35 25.7%	4260 27.9%	12288 28.3%
Strongly agree	16 11.8%	1259 8.3%	4390 10.1%
Total respondent count	136	15250	43488
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.9. Notification interest: Guidance about courses you might consider taking	The University of Memphis	DR public institutions	All US institutions

Don't know	5	487	1534
	3.8%	3.2%	3.5%
Not at all interested	8	767	2019
	6.0%	5.0%	4.7%
Not very interested	7	1294	3496
	5.3%	8.5%	8.1%
Moderately interested	35	4373	12285
	26.3%	28.8%	28.3%
Very interested	49	4666	13224
	36.8%	30.7%	30.5%
Extremely interested	29	3615	10854
	21.8%	23.8%	25.0%
Total respondent count (Percentages sum to 100%)	133	15202	43412
	100.0%	100.0%	100.0%

3.9. Notification interest: Alerts if it appears your progress in a course is declining	The University of Memphis	DR public institutions	All US institutions
Don't know	6	485	1457
	4.4%	3.2%	3.4%
Not at all interested	5	955	2267
	3.7%	6.3%	5.2%
Not very interested	6	1713	4142
	4.4%	11.3%	9.6%
Moderately interested	33	4602	12264
	24.4%	30.3%	28.3%
Very interested	46	4349	12938
	34.1%	28.6%	29.8%
Extremely interested	39	3088	10296
	28.9%	20.3%	23.7%
Total respondent count (Percentages sum to 100%)	135	15192	43364
	100.0%	100.0%	100.0%

3.9. Notification interest: Suggestions for how to improve performance	The University of Memphis	DR public institutions	All US institutions
Don't know	4	505	1617
	3.0%	3.3%	3.7%
Not at all interested	5	682	1832
	3.7%	4.5%	4.2%
Not very interested	8	1267	3423
	5.9%	8.3%	7.9%
Moderately interested	32	4386	12003
	23.7%	28.9%	27.7%
Very interested	45	4759	13568
	33.3%	31.3%	31.3%
Extremely interested	41	3599	10940
	30.4%	23.7%	25.2%
Total respondent count (Percentages sum to 100%)	135	15198	43383
	100.0%	100.0%	100.0%

3.9. Notification interest: Suggestions about new or different academic resources	The University of Memphis	DR public institutions	All US institutions
	4	578	1768

Don't know	3.0%	3.8%	4.1%
Not at all interested	4	863	2195
	3.0%	5.7%	5.1%
Not very interested	14	2079	5334
	10.4%	13.7%	12.3%
Moderately interested	39	5360	14730
	29.1%	35.3%	34.0%
Very interested	49	3841	11400
	36.6%	25.3%	26.3%
Extremely interested	24	2479	7949
	17.9%	16.3%	18.3%
Total respondent count (Percentages sum to 100%)	134	15200	43376
	100.0%	100.0%	100.0%

3.9. Notification interest: Feedback about performance compared to other students	The University of Memphis	DR public institutions	All US institutions
Don't know	4	493	1578
	3.0%	3.2%	3.6%
Not at all interested	11	976	2981
	8.2%	6.4%	6.9%
Not very interested	8	1447	4383
	6.0%	9.5%	10.1%
Moderately interested	37	4241	11988
	27.6%	27.9%	27.6%
Very interested	34	4369	12073
	25.4%	28.7%	27.8%
Extremely interested	40	3675	10367
	29.9%	24.2%	23.9%
Total respondent count (Percentages sum to 100%)	134	15201	43370
	100.0%	100.0%	100.0%

3.9. Notification interest: Personalized support and information on degree progress	The University of Memphis	DR public institutions	All US institutions
Don't know	5	485	1449
	3.7%	3.2%	3.3%
Not at all interested	2	512	1387
	1.5%	3.4%	3.2%
Not very interested	3	949	2426
	2.2%	6.2%	5.6%
Moderately interested	25	3886	10725
	18.5%	25.5%	24.7%
Very interested	57	5163	14544
	42.2%	33.9%	33.5%
Extremely interested	43	4216	12863
	31.9%	27.7%	29.6%
Total respondent count (Percentages sum to 100%)	135	15211	43394
	100.0%	100.0%	100.0%

3.9. Notification interest: Personalized quizzes or practice questions	The University of Memphis	DR public institutions	All US institutions
Don't know	5	521	1587

	3.7%	3.4%	3.7%
Not at all interested	4	688	1921
	3.0%	4.5%	4.4%
Not very interested	9	1249	3480
	6.7%	8.2%	8.0%
Moderately interested	30	4076	11684
	22.2%	26.8%	26.9%
Very interested	46	4618	13013
	34.1%	30.4%	30.0%
Extremely interested	41	4036	11670
	30.4%	26.6%	26.9%
Total respondent count	135	15188	43355
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.9. Notification interest: Personalized dashboards that give you real-time feedback about your progress	The University of Memphis	DR public institutions	All US institutions
Don't know	4	559	1699
	3.0%	3.7%	3.9%
Not at all interested	7	649	1776
	5.2%	4.3%	4.1%
Not very interested	4	1266	3263
	3.0%	8.3%	7.5%
Moderately interested	31	4411	12122
	23.1%	29.0%	28.0%
Very interested	50	4846	13684
	37.3%	31.9%	31.6%
Extremely interested	38	3455	10816
	28.4%	22.8%	24.9%
Total respondent count	134	15186	43360
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.9. Notification interest: Real-time feedback for your instructor about your performance or progress	The University of Memphis	DR public institutions	All US institutions
Don't know	5	593	1718
	3.7%	3.9%	4.0%
Not at all interested	2	673	1754
	1.5%	4.4%	4.0%
Not very interested	6	1503	3751
	4.5%	9.9%	8.6%
Moderately interested	29	4837	12911
	21.6%	31.8%	29.8%
Very interested	51	4463	13224
	38.1%	29.4%	30.5%
Extremely interested	41	3130	10014
	30.6%	20.6%	23.1%
Total respondent count	134	15199	43372
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.10. Notification usefulness: Guidance about courses you might consider taking	The University of Memphis	DR public institutions	All US institutions
Service not provided	11	5046	12937
	8.1%	33.1%	29.8%

Don't know	10	1207	3621
	7.4%	7.9%	8.3%
Not at all useful	6	473	1198
	4.4%	3.1%	2.8%
Not very useful	12	900	2299
	8.9%	5.9%	5.3%
Moderately useful	41	3027	8640
	30.4%	19.9%	19.9%
Very useful	31	2668	8185
	23.0%	17.5%	18.9%
Extremely useful	24	1907	6530
	17.8%	12.5%	15.0%
Total respondent count (Percentages sum to 100%)	135	15228	43410
	100.0%	100.0%	100.0%

3.10. Notification usefulness: Alerts if it appears your progress in a course is declining	The University of Memphis	DR public institutions	All US institutions
Service not provided	30	5409	13763
	22.2%	35.5%	31.7%
Don't know	16	1362	4039
	11.9%	9.0%	9.3%
Not at all useful	2	466	1223
	1.5%	3.1%	2.8%
Not very useful	3	948	2320
	2.2%	6.2%	5.3%
Moderately useful	24	2757	7851
	17.8%	18.1%	18.1%
Very useful	30	2431	7667
	22.2%	16.0%	17.7%
Extremely useful	30	1844	6549
	22.2%	12.1%	15.1%
Total respondent count (Percentages sum to 100%)	135	15217	43412
	100.0%	100.0%	100.0%

3.10. Notification usefulness: Suggestions for how to improve performance	The University of Memphis	DR public institutions	All US institutions
Service not provided	31	5132	13177
	23.1%	33.7%	30.4%
Don't know	16	1422	4122
	11.9%	9.3%	9.5%
Not at all useful	1	407	1048
	0.7%	2.7%	2.4%
Not very useful	8	813	2140
	6.0%	5.3%	4.9%
Moderately useful	19	2894	8208
	14.2%	19.0%	18.9%
Very useful	31	2586	8026
	23.1%	17.0%	18.5%
Extremely useful	28	1967	6675
	20.9%	12.9%	15.4%
Total respondent count (Percentages sum to 100%)	134	15221	43396
	100.0%	100.0%	100.0%

3.10. Notification usefulness: Suggestions about new or different academic resources	The University of Memphis	DR public institutions	All US institutions
Service not provided	11	2973	8073
	8.1%	19.5%	18.6%
Don't know	11	1672	4704
	8.1%	11.0%	10.8%
Not at all useful	2	569	1384
	1.5%	3.7%	3.2%
Not very useful	11	1379	3367
	8.1%	9.1%	7.8%
Moderately useful	45	4334	11834
	33.3%	28.5%	27.3%
Very useful	29	2633	8232
	21.5%	17.3%	19.0%
Extremely useful	26	1673	5812
	19.3%	11.0%	13.4%
Total respondent count (Percentages sum to 100%)	135	15233	43406
	100.0%	100.0%	100.0%

3.10. Notification usefulness: Feedback about performance compared to other students	The University of Memphis	DR public institutions	All US institutions
Service not provided	40	5094	14013
	29.9%	33.5%	32.3%
Don't know	12	1129	3396
	9.0%	7.4%	7.8%
Not at all useful	7	546	1551
	5.2%	3.6%	3.6%
Not very useful	8	1002	2803
	6.0%	6.6%	6.5%
Moderately useful	20	3078	8322
	14.9%	20.2%	19.2%
Very useful	22	2526	7327
	16.4%	16.6%	16.9%
Extremely useful	25	1853	6005
	18.7%	12.2%	13.8%
Total respondent count (Percentages sum to 100%)	134	15228	43417
	100.0%	100.0%	100.0%

3.10. Notification usefulness: Personalized support and information on degree progress	The University of Memphis	DR public institutions	All US institutions
Service not provided	16	3411	9365
	11.9%	22.4%	21.6%
Don't know	12	1302	3847
	8.9%	8.6%	8.9%
Not at all useful	2	370	1022
	1.5%	2.4%	2.4%
Not very useful	6	928	2256
	4.4%	6.1%	5.2%
Moderately useful	28	3432	9333
	20.7%	22.5%	21.5%
	42	3355	9707

Very useful	31.1%	22.0%	22.4%
Extremely useful	29	2430	7898
	21.5%	16.0%	18.2%
Total respondent count (Percentages sum to 100%)	135	15228	43428
	100.0%	100.0%	100.0%

3.10. Notification usefulness: Personalized quizzes or practice questions	The University of Memphis	DR public institutions	All US institutions
Service not provided	35	5653	14705
	25.9%	37.2%	33.9%
Don't know	14	1101	3344
	10.4%	7.2%	7.7%
Not at all useful	3	418	1093
	2.2%	2.7%	2.5%
Not very useful	3	726	2005
	2.2%	4.8%	4.6%
Moderately useful	25	2652	7632
	18.5%	17.4%	17.6%
Very useful	31	2550	7796
	23.0%	16.8%	18.0%
Extremely useful	24	2104	6819
	17.8%	13.8%	15.7%
Total respondent count (Percentages sum to 100%)	135	15204	43394
	100.0%	100.0%	100.0%

3.10. Notification usefulness: Personalized dashboards that give you real-time feedback about your progress	The University of Memphis	DR public institutions	All US institutions
Service not provided	26	4210	11371
	19.3%	27.7%	26.2%
Don't know	15	1362	3860
	11.1%	9.0%	8.9%
Not at all useful	1	410	1061
	0.7%	2.7%	2.4%
Not very useful	6	872	2286
	4.4%	5.7%	5.3%
Moderately useful	31	3332	9210
	23.0%	21.9%	21.2%
Very useful	30	2984	8826
	22.2%	19.6%	20.3%
Extremely useful	26	2045	6790
	19.3%	13.4%	15.6%
Total respondent count (Percentages sum to 100%)	135	15215	43404
	100.0%	100.0%	100.0%

3.10. Notification usefulness: Real-time feedback for your instructor about your performance or progress	The University of Memphis	DR public institutions	All US institutions
Service not provided	29	4290	11160
	21.5%	28.2%	25.7%
Don't know	13	1736	4764
	9.6%	11.4%	11.0%
Not at all useful	1	410	1064

	0.7%	2.7%	2.5%
Not very useful	6	872	2282
	4.4%	5.7%	5.3%
Moderately useful	29	3330	9214
	21.5%	21.9%	21.2%
Very useful	35	2778	8562
	25.9%	18.3%	19.7%
Extremely useful	22	1796	6372
	16.3%	11.8%	14.7%
Total respondent count	135	15212	43418
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.11. Opinion of individualized messages created from data collected from/about students	The University of Memphis	DR public institutions	All US institutions
Very bad idea	1	892	2684
	0.7%	5.8%	6.1%
Bad idea	13	1541	4231
	9.6%	10.1%	9.7%
Neither good nor bad	37	4125	12235
	27.2%	27.0%	28.0%
Good idea	67	6820	18604
	49.3%	44.6%	42.6%
Very good idea	18	1924	5895
	13.2%	12.6%	13.5%
Total respondent count	136	15302	43649
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.12. Data collection opinion: Performance in past courses	The University of Memphis	DR public institutions	All US institutions
Very bad idea	2	752	2224
	1.5%	4.9%	5.1%
Bad idea	7	1041	2827
	5.1%	6.8%	6.5%
Neither good nor bad	42	4002	11860
	30.9%	26.3%	27.3%
Good idea	59	7259	19916
	43.4%	47.7%	45.8%
Very good idea	26	2176	6621
	19.1%	14.3%	15.2%
Total respondent count	136	15230	43448
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.12. Data collection opinion: Performance in current courses	The University of Memphis	DR public institutions	All US institutions
Very bad idea	1	628	1854
	0.7%	4.1%	4.3%
Bad idea	4	691	1937
	3.0%	4.5%	4.5%
Neither good nor bad	23	2973	8823
	17.2%	19.5%	20.3%
Good idea	71	7900	21803
	53.0%	51.9%	50.2%

	35	3037	9015
Very good idea	26.1%	19.9%	20.8%
Total respondent count	134	15229	43432
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.12. Data collection opinion: Progress toward your degree or certificate goal	The University of Memphis	DR public institutions	All US institutions
	2	530	1584
Very bad idea	1.5%	3.5%	3.6%
	4	455	1288
Bad idea	3.0%	3.0%	3.0%
	14	2461	7464
Neither good nor bad	10.4%	16.2%	17.2%
	74	7577	21138
Good idea	54.8%	49.8%	48.7%
	41	4188	11942
Very good idea	30.4%	27.5%	27.5%
Total respondent count	135	15211	43416
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.12. Data collection opinion: Performance in individual courses compared to the performance of other students	The University of Memphis	DR public institutions	All US institutions
	8	999	3068
Very bad idea	6.0%	6.6%	7.1%
	13	1253	3900
Bad idea	9.7%	8.2%	9.0%
	29	3665	11393
Neither good nor bad	21.6%	24.1%	26.2%
	52	6666	17736
Good idea	38.8%	43.8%	40.8%
	32	2643	7356
Very good idea	23.9%	17.4%	16.9%
Total respondent count	134	15226	43453
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.12. Data collection opinion: Activity on a college or university website	The University of Memphis	DR public institutions	All US institutions
	5	1610	4425
Very bad idea	3.7%	10.6%	10.2%
	17	1995	5263
Bad idea	12.7%	13.1%	12.1%
	45	4966	14318
Neither good nor bad	33.6%	32.6%	33.0%
	54	5279	14728
Good idea	40.3%	34.7%	33.9%
	13	1384	4713
Very good idea	9.7%	9.1%	10.8%
Total respondent count	134	15234	43447
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.12. Data collection opinion: Activity in a specific application or service provided by the college or university	The University of Memphis	DR public institutions	All US institutions
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Very bad idea	5	1204	3464
	3.7%	7.9%	8.0%
Bad idea	11	1379	3706
	8.1%	9.1%	8.5%
Neither good nor bad	47	4934	14486
	34.6%	32.4%	33.4%
Good idea	54	6082	16600
	39.7%	40.0%	38.3%
Very good idea	19	1619	5121
	14.0%	10.6%	11.8%
Total respondent count (Percentages sum to 100%)	136	15218	43377
	100.0%	100.0%	100.0%

3.12. Data collection opinion: Campus-based activities logged through your student ID/smart card	The University of Memphis	DR public institutions	All US institutions
Very bad idea	8	1795	4954
	5.9%	11.8%	11.4%
Bad idea	21	2079	5526
	15.4%	13.6%	12.7%
Neither good nor bad	41	4613	13547
	30.1%	30.3%	31.2%
Good idea	51	5201	14448
	37.5%	34.1%	33.2%
Very good idea	15	1550	4981
	11.0%	10.2%	11.5%
Total respondent count (Percentages sum to 100%)	136	15238	43456
	100.0%	100.0%	100.0%

3.12. Data collection opinion: Campus-based activities logged through your smartphone	The University of Memphis	DR public institutions	All US institutions
Very bad idea	14	2639	7253
	10.4%	17.3%	16.7%
Bad idea	29	2840	7639
	21.5%	18.7%	17.6%
Neither good nor bad	44	4671	13502
	32.6%	30.7%	31.1%
Good idea	37	3890	11090
	27.4%	25.6%	25.5%
Very good idea	11	1185	3939
	8.1%	7.8%	9.1%
Total respondent count (Percentages sum to 100%)	135	15225	43423
	100.0%	100.0%	100.0%

3.12. Data collection opinion: Location on campus	The University of Memphis	DR public institutions	All US institutions
Very bad idea	24	3580	9757
	17.8%	23.5%	22.5%
Bad idea	31	3394	8774
	23.0%	22.3%	20.2%
Neither good nor bad	40	4148	12267
	29.6%	27.2%	28.2%
	31	3097	9119

Good idea	23.0%	20.3%	21.0%
Very good idea	9	1013	3526
	6.7%	6.7%	8.1%
Total respondent count (Percentages sum to 100%)	135	15232	43443
	100.0%	100.0%	100.0%

3.12. Data collection opinion: Proximity to a college building, office, or resource	The University of Memphis	DR public institutions	All US institutions
Very bad idea	11	2632	7176
	8.1%	17.3%	16.5%
Bad idea	25	2682	7171
	18.4%	17.6%	16.5%
Neither good nor bad	46	4728	13852
	33.8%	31.0%	31.9%
Good idea	41	3973	11218
	30.1%	26.1%	25.8%
Very good idea	13	1218	4022
	9.6%	8.0%	9.3%
Total respondent count (Percentages sum to 100%)	136	15233	43439
	100.0%	100.0%	100.0%

3.12. Data collection opinion: Social media activities	The University of Memphis	DR public institutions	All US institutions
Very bad idea	33	5126	13541
	24.4%	33.7%	31.2%
Bad idea	33	3718	9742
	24.4%	24.4%	22.4%
Neither good nor bad	32	3482	10724
	23.7%	22.9%	24.7%
Good idea	26	2192	6810
	19.3%	14.4%	15.7%
Very good idea	11	712	2632
	8.1%	4.7%	6.1%
Total respondent count (Percentages sum to 100%)	135	15230	43449
	100.0%	100.0%	100.0%

3.13. Opinion of combining data about school-related activities with social media and mobile device data	The University of Memphis	DR public institutions	All US institutions
Very bad idea	20	2866	8019
	14.6%	18.7%	18.4%
Bad idea	24	3318	8965
	17.5%	21.7%	20.5%
Neither good nor bad	47	4701	13776
	34.3%	30.7%	31.6%
Good idea	35	3616	10135
	25.5%	23.6%	23.2%
Very good idea	11	810	2748
	8.0%	5.3%	6.3%
Total respondent count (Percentages sum to 100%)	137	15311	43643
	100.0%	100.0%	100.0%

3.14. Wish instructors used: LMS	The University of		

	Memphis	DR public institutions	All US institutions
Don't know	49	1759	5330
	35.8%	11.6%	12.3%
(Less) 1	4	885	2586
	2.9%	5.8%	6.0%
2	10	978	2817
	7.3%	6.4%	6.5%
3	26	4430	11811
	19.0%	29.2%	27.3%
4	24	3644	10002
	17.5%	24.0%	23.1%
(More) 5	24	3493	10731
	17.5%	23.0%	24.8%
Total respondent count (Percentages sum to 100%)	137	15189	43277
	100.0%	100.0%	100.0%

3.14. Wish instructors used: Online collaboration tools	The University of Memphis	DR public institutions	All US institutions
Don't know	37	1934	6056
	27.6%	12.7%	14.0%
(Less) 1	8	1080	3193
	6.0%	7.1%	7.4%
2	7	1166	3314
	5.2%	7.7%	7.7%
3	32	4372	11676
	23.9%	28.8%	27.0%
4	22	3635	9820
	16.4%	23.9%	22.7%
(More) 5	28	2999	9214
	20.9%	19.7%	21.3%
Total respondent count (Percentages sum to 100%)	134	15186	43273
	100.0%	100.0%	100.0%

3.14. Wish instructors used: E-portfolios	The University of Memphis	DR public institutions	All US institutions
Don't know	61	6619	17048
	44.9%	43.6%	39.4%
(Less) 1	13	2345	7156
	9.6%	15.4%	16.5%
2	9	1268	3697
	6.6%	8.3%	8.5%
3	34	2923	8304
	25.0%	19.2%	19.2%
4	10	1204	3795
	7.4%	7.9%	8.8%
(More) 5	9	838	3317
	6.6%	5.5%	7.7%
Total respondent count (Percentages sum to 100%)	136	15197	43317
	100.0%	100.0%	100.0%

3.14. Wish instructors used: E-books or e-textbooks	The University of Memphis	DR public institutions	All US institutions
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	24	2027	6398
Don't know	17.6%	13.3%	14.8%
	23	2500	6653
(Less) 1	16.9%	16.4%	15.4%
	8	1574	4188
2	5.9%	10.3%	9.7%
	29	3535	9852
3	21.3%	23.2%	22.7%
	24	2689	7372
4	17.6%	17.7%	17.0%
	28	2884	8866
(More) 5	20.6%	19.0%	20.5%
Total respondent count	136	15209	43329
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.14. Wish instructors used: Freely available content beyond your campus	The University of Memphis	DR public institutions	All US institutions
	14	1638	5138
Don't know	10.4%	10.8%	11.9%
	6	872	2453
(Less) 1	4.4%	5.8%	5.7%
	1	850	2539
2	0.7%	5.6%	5.9%
	27	3069	9064
3	20.0%	20.2%	20.9%
	36	4189	11157
4	26.7%	27.6%	25.8%
	51	4544	12933
(More) 5	37.8%	30.0%	29.9%
Total respondent count	135	15162	43284
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.14. Wish instructors used: Simulations or educational games	The University of Memphis	DR public institutions	All US institutions
	19	2622	7693
Don't know	14.3%	17.3%	17.8%
	13	1913	5116
(Less) 1	9.8%	12.6%	11.8%
	7	1289	3510
2	5.3%	8.5%	8.1%
	25	3338	9386
3	18.8%	22.0%	21.7%
	34	3326	9090
4	25.6%	21.9%	21.0%
	35	2704	8521
(More) 5	26.3%	17.8%	19.7%
Total respondent count	133	15192	43316
(Percentages sum to 100%)	100.0%	100.0%	100.0%

3.14. Wish instructors used: Recorded lectures or lecture capture	The University of Memphis	DR public institutions	All US institutions
	25	1898	6209

Don't know	18.4%	12.5%	14.3%
(Less) 1	7	994	3051
	5.1%	6.5%	7.0%
2	6	809	2473
	4.4%	5.3%	5.7%
3	17	2705	8174
	12.5%	17.8%	18.9%
4	37	3538	9764
	27.2%	23.3%	22.5%
(More) 5	44	5244	13653
	32.4%	34.5%	31.5%
Total respondent count (Percentages sum to 100%)	136	15188	43324
	100.0%	100.0%	100.0%

3.14. Wish instructors used: Tablet during class	The University of Memphis	DR public institutions	All US institutions
Don't know	31	3932	10657
	22.8%	25.9%	24.6%
(Less) 1	19	2630	6850
	14.0%	17.3%	15.8%
2	12	1406	3767
	8.8%	9.3%	8.7%
3	27	3585	9878
	19.9%	23.6%	22.8%
4	26	2001	6008
	19.1%	13.2%	13.9%
(More) 5	21	1637	6146
	15.4%	10.8%	14.2%
Total respondent count (Percentages sum to 100%)	136	15191	43306
	100.0%	100.0%	100.0%

3.14. Wish instructors used: Smartphone during class	The University of Memphis	DR public institutions	All US institutions
Don't know	22	2580	7652
	16.3%	17.0%	17.7%
(Less) 1	21	2804	7544
	15.6%	18.5%	17.4%
2	10	1629	4345
	7.4%	10.7%	10.0%
3	37	3930	10667
	27.4%	25.9%	24.6%
4	20	2401	6803
	14.8%	15.8%	15.7%
(More) 5	25	1849	6305
	18.5%	12.2%	14.6%
Total respondent count (Percentages sum to 100%)	135	15193	43316
	100.0%	100.0%	100.0%

3.14. Wish instructors used: Laptop during class	The University of Memphis	DR public institutions	All US institutions
Don't know	13	1622	5075

	9.6%	10.7%	11.7%
(Less) 1	15	1305	3537
	11.0%	8.6%	8.2%
2	9	1155	3153
	6.6%	7.6%	7.3%
3	27	3957	10950
	19.9%	26.0%	25.3%
4	32	3588	9673
	23.5%	23.6%	22.3%
(More) 5	40	3565	10913
	29.4%	23.5%	25.2%
Total respondent count (Percentages sum to 100%)	136	15192	43301
	100.0%	100.0%	100.0%

3.14. Wish instructors used: Social media as a learning tool	The University of Memphis	DR public institutions	All US institutions
Don't know	32	2831	8743
	23.5%	18.7%	20.2%
(Less) 1	33	3759	10258
	24.3%	24.8%	23.7%
2	12	1774	4901
	8.8%	11.7%	11.3%
3	25	3511	9665
	18.4%	23.1%	22.3%
4	16	2007	5434
	11.8%	13.2%	12.6%
(More) 5	18	1296	4294
	13.2%	8.5%	9.9%
Total respondent count (Percentages sum to 100%)	136	15178	43295
	100.0%	100.0%	100.0%

3.14. Wish instructors used: 3D printers	The University of Memphis	DR public institutions	All US institutions
Don't know	56	6430	18224
	40.9%	42.3%	42.1%
(Less) 1	17	1920	5427
	12.4%	12.6%	12.5%
2	6	810	2398
	4.4%	5.3%	5.5%
3	24	2484	6873
	17.5%	16.3%	15.9%
4	13	1596	4403
	9.5%	10.5%	10.2%
(More) 5	21	1953	5979
	15.3%	12.9%	13.8%
Total respondent count (Percentages sum to 100%)	137	15193	43304
	100.0%	100.0%	100.0%

3.14. Wish instructors used: Non-keyboard or non-mouse interfaces	The University of Memphis	DR public institutions	All US institutions
Don't know	44	4809	13438
	32.4%	31.7%	31.0%

(Less) 1	16	2290	6019
	11.8%	15.1%	13.9%
2	9	1454	4000
	6.6%	9.6%	9.2%
3	28	3765	10404
	20.6%	24.8%	24.0%
4	22	1682	5044
	16.2%	11.1%	11.6%
(More) 5	17	1194	4401
	12.5%	7.9%	10.2%
Total respondent count (Percentages sum to 100%)	136	15194	43306
	100.0%	100.0%	100.0%

3.14. Wish instructors used: Software to create videos or multimedia resources	The University of Memphis	DR public institutions	All US institutions
Don't know	33	3616	9920
	24.4%	23.8%	22.9%
(Less) 1	9	1916	4984
	6.7%	12.6%	11.5%
2	7	1497	4082
	5.2%	9.9%	9.4%
3	33	3876	10958
	24.4%	25.5%	25.3%
4	27	2572	7335
	20.0%	16.9%	17.0%
(More) 5	26	1698	5993
	19.3%	11.2%	13.8%
Total respondent count (Percentages sum to 100%)	135	15175	43272
	100.0%	100.0%	100.0%

3.14. Wish instructors used: Early-alert systems	The University of Memphis	DR public institutions	All US institutions
Don't know	17	2106	6028
	12.5%	13.9%	13.9%
(Less) 1	7	994	2746
	5.1%	6.5%	6.3%
2	2	901	2513
	1.5%	5.9%	5.8%
3	22	3297	9043
	16.2%	21.7%	20.9%
4	42	3967	10854
	30.9%	26.1%	25.1%
(More) 5	46	3923	12132
	33.8%	25.8%	28.0%
Total respondent count (Percentages sum to 100%)	136	15188	43316
	100.0%	100.0%	100.0%

3.14. Wish instructors used: Search tools to find references or other information online for class work	The University of Memphis	DR public institutions	All US institutions
Don't know	17	2014	5633
	12.5%	13.3%	13.0%
	4	851	2294

(Less) 1	2.9%	5.6%	5.3%
2	7	1060	2892
	5.1%	7.0%	6.7%
3	37	4409	12162
	27.2%	29.1%	28.1%
4	37	4087	11334
	27.2%	26.9%	26.2%
(More) 5	34	2753	8943
	25.0%	18.1%	20.7%
Total respondent count (Percentages sum to 100%)	136	15174	43258
	100.0%	100.0%	100.0%

3.14. Wish instructors used: Online blogs or discussion/collaboration tools related to class work	The University of Memphis	DR public institutions	All US institutions
Don't know	24	2323	6929
	17.9%	15.3%	16.0%
(Less) 1	19	2479	6555
	14.2%	16.3%	15.2%
2	11	2049	5503
	8.2%	13.5%	12.7%
3	41	4106	11648
	30.6%	27.1%	26.9%
4	21	2656	7327
	15.7%	17.5%	16.9%
(More) 5	18	1557	5303
	13.4%	10.3%	12.3%
Total respondent count (Percentages sum to 100%)	134	15170	43265
	100.0%	100.0%	100.0%

3.15. Security practices: Let other people use my mobile devices unsupervised	The University of Memphis	DR public institutions	All US institutions
Don't know	4	688	1989
	2.9%	4.5%	4.6%
No	102	9184	27901
	74.5%	60.2%	64.1%
Yes	31	5374	13615
	22.6%	35.2%	31.3%
Total respondent count (Percentages sum to 100%)	137	15246	43505
	100.0%	100.0%	100.0%

3.15. Security practices: Secure access to computer, tablet, and smartphone with a password or PIN	The University of Memphis	DR public institutions	All US institutions
Don't know	3	646	1940
	2.2%	4.2%	4.5%
No	16	1918	5835
	11.7%	12.6%	13.4%
Yes	118	12685	35739
	86.1%	83.2%	82.1%
Total respondent count (Percentages sum to 100%)	137	15249	43514
	100.0%	100.0%	100.0%

3.15. Security practices: Use a combination of alpha,	The University of		
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numeric, and symbol character passwords	Memphis	DR public institutions	All US institutions
Don't know	5	871	2750
	3.6%	5.7%	6.3%
No	11	1811	5711
	8.0%	11.9%	13.1%
Yes	121	12558	35006
	88.3%	82.4%	80.5%
Total respondent count (Percentages sum to 100%)	137	15240	43467
	100.0%	100.0%	100.0%

3.15. Security practices: Have shared the password or PIN for my computer, tablet, or smartphone	The University of Memphis	DR public institutions	All US institutions
Don't know	3	718	2122
	2.2%	4.7%	4.9%
No	98	8807	27022
	71.5%	57.7%	62.1%
Yes	36	5728	14363
	26.3%	37.6%	33.0%
Total respondent count (Percentages sum to 100%)	137	15253	43507
	100.0%	100.0%	100.0%

3.15. Security practices: Have shared the password or PIN for an online account	The University of Memphis	DR public institutions	All US institutions
Don't know	5	758	2217
	3.6%	5.0%	5.1%
No	107	11068	32845
	78.1%	72.6%	75.5%
Yes	25	3420	8445
	18.2%	22.4%	19.4%
Total respondent count (Percentages sum to 100%)	137	15246	43507
	100.0%	100.0%	100.0%

3.15. Security practices: Have let someone log in as me to an institution service, system, app, or site	The University of Memphis	DR public institutions	All US institutions
Don't know	3	763	2241
	2.2%	5.0%	5.2%
No	112	11884	34773
	83.0%	77.9%	79.9%
Yes	20	2600	6488
	14.8%	17.1%	14.9%
Total respondent count (Percentages sum to 100%)	135	15247	43502
	100.0%	100.0%	100.0%

3.15. Security practices: Had a computer, tablet, or smartphone stolen	The University of Memphis	DR public institutions	All US institutions
Don't know	3	621	1880
	2.2%	4.1%	4.3%
No	113	12869	36288
	82.5%	84.4%	83.4%
Yes	21	1754	5325
	15.3%	11.5%	12.2%
Total respondent count (Percentages sum to 100%)	137	15244	43493

	100.0%	100.0%	100.0%
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3.15. Security practices: Had an online account hacked	The University of Memphis	DR public institutions	All US institutions
Don't know	9	1195	3393
	6.6%	7.8%	7.8%
No	101	10791	31262
	73.7%	70.8%	71.9%
Yes	27	3264	8836
	19.7%	21.4%	20.3%
Total respondent count (Percentages sum to 100%)	137	15250	43491
	100.0%	100.0%	100.0%

4.1. Preferred learning environment	The University of Memphis	DR public institutions	All US institutions
No online components	10	1642	4889
	7.3%	10.7%	11.2%
Some online components	79	9498	25340
	57.7%	61.9%	57.9%
Mostly but not completely online	26	2225	6660
	19.0%	14.5%	15.2%
Completely online	12	770	2681
	8.8%	5.0%	6.1%
No preference	10	1213	4203
	7.3%	7.9%	9.6%
Total respondent count (Percentages sum to 100%)	137	15348	43773
	100.0%	100.0%	100.0%

4.2. Extent of blended courses	The University of Memphis	DR public institutions	All US institutions
None	29	2696	8266
	21.2%	17.6%	18.9%
A few	42	5830	16137
	30.7%	38.1%	37.0%
About half	36	3262	9572
	26.3%	21.3%	21.9%
Nearly all	26	2714	7138
	19.0%	17.7%	16.4%
All	4	801	2528
	2.9%	5.2%	5.8%
Total respondent count (Percentages sum to 100%)	137	15303	43641
	100.0%	100.0%	100.0%

4.4. Taken completely online course in the past year	The University of Memphis	DR public institutions	All US institutions
No	71	7786	22776
	52.2%	51.0%	52.3%
Yes	65	7466	20752
	47.8%	49.0%	47.7%
Total respondent count (Percentages sum to 100%)	136	15252	43528
	100.0%	100.0%	100.0%

4.5. Ever taken completely online course	The University of		

	Memphis	DR public institutions	All US institutions
No	52	5570	17060
	38.2%	36.5%	39.2%
Yes	84	9679	26439
	61.8%	63.5%	60.8%
Total respondent count	136	15249	43499
(Percentages sum to 100%)	100.0%	100.0%	100.0%

4.6. Taken MOOC in the past year	The University of Memphis	DR public institutions	All US institutions
No, and I don't know what a MOOC is.	107	10827	32221
	78.7%	71.0%	74.0%
No, but I do know what a MOOC is.	16	2791	7420
	11.8%	18.3%	17.0%
Yes, but I didn't complete one.	5	795	1899
	3.7%	5.2%	4.4%
Yes, and I completed one.	8	845	1988
	5.9%	5.5%	4.6%
Total respondent count	136	15258	43528
(Percentages sum to 100%)	100.0%	100.0%	100.0%

4.7. Earned digital badge	The University of Memphis	DR public institutions	All US institutions
Don't know	50	4532	13226
	36.8%	29.7%	30.4%
No	71	8925	25419
	52.2%	58.6%	58.5%
Yes	15	1783	4838
	11.0%	11.7%	11.1%
Total respondent count	136	15240	43483
(Percentages sum to 100%)	100.0%	100.0%	100.0%

4.8. Would include on résumé	The University of Memphis	DR public institutions	All US institutions
Undergraduate degree/diploma	122	14197	39106
	90.4%	94.0%	90.7%
Certificate from an accredited college or university	74	7867	21672
	54.8%	52.1%	50.3%
Certificate from an industry-based training program	48	5528	14567
	35.6%	36.6%	33.8%
Certificate of completion of free course	33	3445	9934
	24.4%	22.8%	23.1%
Digital badge	26	3047	8278
	19.3%	20.2%	19.2%
E-portfolio	20	2990	9420
	14.8%	19.8%	21.9%
Jobs worked during college	94	11354	29634
	69.6%	75.2%	68.8%
Major projects completed during course work	70	8713	22183
	51.9%	57.7%	51.5%
Other, please specify	13	1373	3478
	9.6%	9.1%	8.1%

	Total respondent count	135	15104	43097
4.9. I get more actively involved in courses that use technology.	The University of Memphis	DR public institutions	All US institutions	
Don't know	0	480	1395	
	0.0%	3.2%	3.2%	
Strongly disagree	8	999	2808	
	6.0%	6.6%	6.5%	
Somewhat disagree	16	1976	5210	
	12.0%	13.1%	12.1%	
Neutral	49	5086	14372	
	36.8%	33.7%	33.4%	
Somewhat agree	41	4665	12914	
	30.8%	30.9%	30.0%	
Strongly agree	19	1877	6325	
	14.3%	12.4%	14.7%	
Total respondent count (Percentages sum to 100%)	133	15083	43024	
	100.0%	100.0%	100.0%	

4.9. I am more likely to skip classes when materials are available online.	The University of Memphis	DR public institutions	All US institutions	
Don't know	3	444	1552	
	2.2%	2.9%	3.6%	
Strongly disagree	45	2751	10305	
	33.6%	18.2%	23.9%	
Somewhat disagree	21	2264	6619	
	15.7%	15.0%	15.4%	
Neutral	24	2879	8568	
	17.9%	19.1%	19.9%	
Somewhat agree	30	4560	10910	
	22.4%	30.2%	25.3%	
Strongly agree	11	2193	5093	
	8.2%	14.5%	11.8%	
Total respondent count (Percentages sum to 100%)	134	15091	43047	
	100.0%	100.0%	100.0%	

4.9. I entered college adequately prepared to use technology needed in my courses.	The University of Memphis	DR public institutions	All US institutions	
Don't know	1	338	1034	
	0.7%	2.2%	2.4%	
Strongly disagree	16	613	1886	
	11.9%	4.1%	4.4%	
Somewhat disagree	12	1518	4156	
	8.9%	10.1%	9.7%	
Neutral	22	2799	8157	
	16.3%	18.6%	18.9%	
Somewhat agree	44	5572	15506	
	32.6%	36.9%	36.0%	
Strongly agree	40	4245	12316	
	29.6%	28.1%	28.6%	
Total respondent count (Percentages sum to 100%)	135	15085	43055	
	100.0%	100.0%	100.0%	

4.9. Technology makes me feel more connected to the institution.	The University of Memphis	DR public institutions	All US institutions
Don't know	0	377	1127
	0.0%	2.5%	2.6%
Strongly disagree	7	581	1698
	5.3%	3.9%	3.9%
Somewhat disagree	7	1034	2925
	5.3%	6.9%	6.8%
Neutral	34	3475	10592
	25.6%	23.0%	24.6%
Somewhat agree	53	6396	17246
	39.8%	42.4%	40.1%
Strongly agree	32	3218	9425
	24.1%	21.3%	21.9%
Total respondent count (Percentages sum to 100%)	133	15081	43013
	100.0%	100.0%	100.0%

4.9. Technology makes me feel connected to other students.	The University of Memphis	DR public institutions	All US institutions
Don't know	2	415	1296
	1.5%	2.7%	3.0%
Strongly disagree	12	1025	3026
	9.0%	6.8%	7.0%
Somewhat disagree	16	1638	4651
	11.9%	10.9%	10.8%
Neutral	43	3967	12060
	32.1%	26.3%	28.0%
Somewhat agree	42	5710	15155
	31.3%	37.8%	35.2%
Strongly agree	19	2341	6847
	14.2%	15.5%	15.9%
Total respondent count (Percentages sum to 100%)	134	15096	43035
	100.0%	100.0%	100.0%

4.9. Technology makes me feel connected to instructors.	The University of Memphis	DR public institutions	All US institutions
Don't know	0	424	1268
	0.0%	2.8%	2.9%
Strongly disagree	10	1082	3023
	7.5%	7.2%	7.0%
Somewhat disagree	11	1978	5071
	8.2%	13.1%	11.8%
Neutral	42	4386	12824
	31.3%	29.1%	29.8%
Somewhat agree	49	5429	14781
	36.6%	36.0%	34.3%
Strongly agree	22	1798	6109
	16.4%	11.9%	14.2%
Total respondent count (Percentages sum to 100%)	134	15097	43076
	100.0%	100.0%	100.0%

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4.9. Technology interferes with my ability to concentrate and think deeply.	The University of Memphis	DR public institutions	All US institutions
Don't know	1	436	1336
	0.8%	2.9%	3.1%
Strongly disagree	36	2799	8870
	27.1%	18.5%	20.6%
Somewhat disagree	30	3290	8864
	22.6%	21.8%	20.6%
Neutral	29	3872	11250
	21.8%	25.7%	26.1%
Somewhat agree	29	3527	9325
	21.8%	23.4%	21.7%
Strongly agree	8	1169	3406
	6.0%	7.7%	7.9%
Total respondent count (Percentages sum to 100%)	133	15093	43051
	100.0%	100.0%	100.0%

4.9. I am concerned that technology advances may increasingly invade my privacy.	The University of Memphis	DR public institutions	All US institutions
Don't know	2	403	1360
	1.5%	2.7%	3.2%
Strongly disagree	13	834	2607
	9.6%	5.5%	6.1%
Somewhat disagree	10	1497	4065
	7.4%	9.9%	9.4%
Neutral	29	3372	10145
	21.5%	22.4%	23.6%
Somewhat agree	56	5442	14586
	41.5%	36.1%	33.9%
Strongly agree	25	3539	10268
	18.5%	23.5%	23.9%
Total respondent count (Percentages sum to 100%)	135	15087	43031
	100.0%	100.0%	100.0%

4.9. In-class use of mobile devices is distracting for me.	The University of Memphis	DR public institutions	All US institutions
Don't know	2	394	1331
	1.5%	2.6%	3.1%
Strongly disagree	22	1935	6467
	16.4%	12.8%	15.0%
Somewhat disagree	26	2268	6433
	19.4%	15.0%	14.9%
Neutral	28	3514	10418
	20.9%	23.3%	24.2%
Somewhat agree	31	4450	11498
	23.1%	29.5%	26.7%
Strongly agree	25	2529	6916
	18.7%	16.8%	16.1%
Total respondent count (Percentages sum to 100%)	134	15090	43063
	100.0%	100.0%	100.0%

4.9. In-class use of mobile devices is distracting for	The University of		

other students.	Memphis	DR public institutions	All US institutions
Don't know	10	753	2416
	7.5%	5.0%	5.6%
Strongly disagree	11	1268	3919
	8.2%	8.4%	9.1%
Somewhat disagree	12	1796	5017
	9.0%	11.9%	11.7%
Neutral	31	3694	10795
	23.1%	24.5%	25.1%
Somewhat agree	45	4896	13129
	33.6%	32.5%	30.5%
Strongly agree	25	2680	7776
	18.7%	17.8%	18.1%
Total respondent count (Percentages sum to 100%)	134	15087	43052
	100.0%	100.0%	100.0%

4.9. In-class use of mobile devices is distracting for instructors.	The University of Memphis	DR public institutions	All US institutions
Don't know	5	1105	3241
	3.7%	7.3%	7.5%
Strongly disagree	8	885	2783
	6.0%	5.9%	6.5%
Somewhat disagree	14	1487	4152
	10.4%	9.9%	9.6%
Neutral	37	3618	10420
	27.6%	24.0%	24.2%
Somewhat agree	47	5268	14232
	35.1%	34.9%	33.1%
Strongly agree	23	2723	8220
	17.2%	18.0%	19.1%
Total respondent count (Percentages sum to 100%)	134	15086	43048
	100.0%	100.0%	100.0%

4.9. Multitasking with my technology devices sometimes prevents me from concentrating	The University of Memphis	DR public institutions	All US institutions
Don't know	1	382	1251
	0.8%	2.5%	2.9%
Strongly disagree	13	1082	4091
	9.8%	7.2%	9.5%
Somewhat disagree	23	1689	5232
	17.4%	11.2%	12.2%
Neutral	23	2921	9187
	17.4%	19.4%	21.4%
Somewhat agree	50	5913	15387
	37.9%	39.3%	35.8%
Strongly agree	22	3077	7869
	16.7%	20.4%	18.3%
Total respondent count (Percentages sum to 100%)	132	15064	43017
	100.0%	100.0%	100.0%

4.9. I like to keep my online academic and social lives separate.	The University of Memphis	DR public institutions	All US institutions
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Don't know	2	442	1430
	1.5%	2.9%	3.3%
Strongly disagree	6	326	1022
	4.5%	2.2%	2.4%
Somewhat disagree	8	1063	2487
	6.0%	7.1%	5.8%
Neutral	25	2761	7900
	18.7%	18.3%	18.4%
Somewhat agree	29	4181	11139
	21.6%	27.7%	25.9%
Strongly agree	64	6304	19070
	47.8%	41.8%	44.3%
Total respondent count (Percentages sum to 100%)	134	15077	43048
	100.0%	100.0%	100.0%

4.9. I wish I'd been better prepared to use institution-specific technology.	The University of Memphis	DR public institutions	All US institutions
Don't know	2	597	1778
	1.5%	4.0%	4.1%
Strongly disagree	18	1550	4700
	13.5%	10.3%	10.9%
Somewhat disagree	20	2184	5767
	15.0%	14.5%	13.4%
Neutral	37	4324	12896
	27.8%	28.7%	30.0%
Somewhat agree	34	4303	11555
	25.6%	28.5%	26.9%
Strongly agree	22	2124	6322
	16.5%	14.1%	14.7%
Total respondent count (Percentages sum to 100%)	133	15082	43018
	100.0%	100.0%	100.0%

4.9. I wish I'd been better prepared to use basic software.	The University of Memphis	DR public institutions	All US institutions
Don't know	2	523	1658
	1.5%	3.5%	3.9%
Strongly disagree	33	2864	8259
	24.8%	19.0%	19.2%
Somewhat disagree	15	2679	7048
	11.3%	17.8%	16.4%
Neutral	34	4201	12315
	25.6%	27.8%	28.6%
Somewhat agree	31	3333	9056
	23.3%	22.1%	21.0%
Strongly agree	18	1485	4704
	13.5%	9.8%	10.9%
Total respondent count (Percentages sum to 100%)	133	15085	43040
	100.0%	100.0%	100.0%

For question 4.11, respondents ranked up to eight items 1–8, with 1 representing the action done first. The values reported here are the average rank of each item and the number of respondents ranking each item.

4.11. Tech support		The University of Memphis	DR public institutions	All US institutions
Ask friends	Mean	4.3	3.3	3.6
	N	128	14256	40237
Ask family	Mean	5.9	6.3	6.1
	N	128	14256	40237
Ask instructors or teaching assistants	Mean	4.5	5.2	5.1
	N	128	14256	40237
Search Google, YouTube, or another online source	Mean	3.3	2.7	3.0
	N	128	14256	40237
Contact the company or vendor	Mean	7.3	7.4	7.4
	N	128	14256	40237
Use institution help desk services	Mean	5.5	6.3	6.1
	N	128	14256	40237
Figure it out on my own	Mean	2.8	2.8	2.9
	N	128	14256	40237
Other	Mean	8.1	8.3	8.3
	N	128	14256	40237

5.1. Number of internet-capable devices owned		The University of Memphis	DR public institutions	All US institutions
None		0	195	692
		0.0%	1.3%	1.6%
One		9	606	2284
		6.6%	4.0%	5.2%
Two		37	5144	13754
		27.0%	33.7%	31.6%
Three		51	5373	14703
		37.2%	35.2%	33.7%
Four		21	2223	6507
		15.3%	14.6%	14.9%
Five		7	724	2230
		5.1%	4.7%	5.1%
Six or more		12	1004	3424
		8.8%	6.6%	7.9%
Total respondent count		137	15269	43594
(Percentages sum to 100%)		100.0%	100.0%	100.0%

5.2a. In-class experience: Smartphone		The University of Memphis	DR public institutions	All US institutions
N/A		11	887	3354
		8.0%	5.8%	7.8%
Banned from using it in class		30	2605	8704
		21.9%	17.2%	20.1%
Discouraged from using it in class		64	7553	18760
		46.7%	49.8%	43.3%
Neither discouraged nor encouraged		27	3466	10063
		19.7%	22.8%	23.3%
Encouraged to use it in class		4	568	2007
		2.9%	3.7%	4.6%
Required to use it in class		1	94	389
		0.7%	0.6%	0.9%

Total respondent count	137	15173	43277
(Percentages sum to 100%)	100.0%	100.0%	100.0%

5.2a. In-class experience: Tablet	The University of Memphis	DR public institutions	All US institutions
N/A	31	4146	11738
	22.6%	27.4%	27.2%
Banned from using it in class	13	677	2440
	9.5%	4.5%	5.6%
Discouraged from using it in class	23	2174	6224
	16.8%	14.3%	14.4%
Neither discouraged nor encouraged	56	6704	18054
	40.9%	44.2%	41.8%
Encouraged to use it in class	13	1355	4277
	9.5%	8.9%	9.9%
Required to use it in class	1	98	477
	0.7%	0.6%	1.1%
Total respondent count	137	15154	43210
(Percentages sum to 100%)	100.0%	100.0%	100.0%

5.2a. In-class experience: Laptop	The University of Memphis	DR public institutions	All US institutions
N/A	7	681	2950
	5.1%	4.5%	6.8%
Banned from using it in class	11	602	1997
	8.0%	4.0%	4.6%
Discouraged from using it in class	27	2666	7208
	19.7%	17.6%	16.6%
Neither discouraged nor encouraged	60	7329	20195
	43.8%	48.3%	46.6%
Encouraged to use it in class	23	3272	8836
	16.8%	21.5%	20.4%
Required to use it in class	9	638	2118
	6.6%	4.2%	4.9%
Total respondent count	137	15188	43304
(Percentages sum to 100%)	100.0%	100.0%	100.0%

5.2a. In-class experience: Wearable technologies	The University of Memphis	DR public institutions	All US institutions
N/A	82	9321	25910
	59.9%	61.6%	60.0%
Banned from using it in class	12	526	1965
	8.8%	3.5%	4.6%
Discouraged from using it in class	10	1007	2976
	7.3%	6.7%	6.9%
Neither discouraged nor encouraged	29	4030	11254
	21.2%	26.6%	26.1%
Encouraged to use it in class	3	217	816
	2.2%	1.4%	1.9%
Required to use it in class	1	41	232
	0.7%	0.3%	0.5%
Total respondent count	137	15142	43153

(Percentages sum to 100%)	100.0%	100.0%	100.0%
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5.2b. In-class smartphone use	The University of Memphis	DR public institutions	All US institutions
Take notes	22	1292	4679
	16.2%	8.6%	10.9%
Engage in nonclass activities	54	7625	17582
	39.7%	50.7%	41.1%
Make other connections with the learning material	53	5720	15584
	39.0%	38.0%	36.4%
User for instructor-directed activities	29	2596	7285
	21.3%	17.3%	17.0%
Do not typically use in class	50	4885	16115
	36.8%	32.5%	37.7%
Total respondent count	136	15041	42794

5.2b. In-class tablet use	The University of Memphis	DR public institutions	All US institutions
Take notes	26	2487	7260
	19.8%	17.1%	17.5%
Engage in nonclass activities	8	1766	4620
	6.1%	12.2%	11.1%
Make other connections with the learning material	29	3038	9137
	22.1%	20.9%	22.0%
User for instructor-directed activities	13	1614	5304
	9.9%	11.1%	12.8%
Do not typically use in class	84	9716	26843
	64.1%	66.9%	64.7%
Total respondent count	131	14526	41498

5.2b. In-class laptop use	The University of Memphis	DR public institutions	All US institutions
Take notes	53	7930	19710
	38.7%	52.5%	45.8%
Engage in nonclass activities	31	5527	12467
	22.6%	36.6%	29.0%
Make other connections with the learning material	56	7767	20178
	40.9%	51.5%	46.9%
User for instructor-directed activities	56	6026	16244
	40.9%	39.9%	37.8%
Do not typically use in class	49	3606	12297
	35.8%	23.9%	28.6%
Total respondent count	137	15096	43016

5.3a. Physical or learning disability that requires accessible or adaptive technologies	The University of Memphis	DR public institutions	All US institutions
No.	128	14325	40299
	93.4%	93.9%	92.6%
Yes, I have one or more physical disabilities.	3	209	708
	2.2%	1.4%	1.6%
Yes, I have one or more learning disabilities.	1	324	1060
	0.7%	2.1%	2.4%

Yes, I have both physical and learning disabilities.	2	88	269
	1.5%	0.6%	0.6%
Prefer not to answer	3	311	1197
	2.2%	2.0%	2.7%
Total respondent count (Percentages sum to 100%)	137	15257	43533
	100.0%	100.0%	100.0%

5.3b. Institution support of needed accessible or adaptive technologies	The University of Memphis	DR public institutions	All US institutions
Not provided with needed technologies	0	48	161
	0.0%	8.2%	8.5%
Poor	1	78	223
	16.7%	13.3%	11.8%
Fair	0	100	314
	0.0%	17.1%	16.6%
Neutral	0	130	425
	0.0%	22.2%	22.4%
Good	2	133	431
	33.3%	22.7%	22.7%
Excellent	3	80	280
	50.0%	13.7%	14.8%
Don't know	0	16	61
	0.0%	2.7%	3.2%
Total respondent count (Percentages sum to 100%)	6	585	1895
	100.0%	100.0%	100.0%

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

6.1a. Disposition towards IT		The University of Memphis	DR public institutions	All US institutions
Reluctant vs. Enthusiast	Mean	63.2	61.6	62.0
	SD	26.5	26.4	26.7
	N	126	13581	38185
Late adopter vs. Early adopter	Mean	56.8	56.1	56.7
	SD	27.1	25.8	26.4
	N	124	13541	37816
Technophobe vs. Technophile	Mean	55.1	58.9	58.9
	SD	27.9	25.8	25.8
	N	115	13035	36023
Skeptic vs. Cheerleader	Mean	57.7	55.0	55.4
	SD	21.7	22.5	23.2
	N	120	13061	36360
By-the-book vs. Experimenter	Mean	53.5	54.3	55.0
	SD	26.0	24.3	25.0
	N	123	13301	37170
Critic vs. Supporter	Mean	58.8	56.0	56.6
	SD	23.6	23.7	24.4
	N	122	13101	36559
Conservative vs. Radical	Mean	53.4	52.1	52.4
	SD	23.3	20.7	21.8
	N	115	12327	34308

6.1b. Attitude towards IT		The University of Memphis	DR public institutions	All US institutions
Dissatisfied vs. Satisfied	Mean	63.7	59.3	60.0
	SD	22.3	22.8	23.8
	N	130	13589	38112
Discontent vs. Content	Mean	63.6	58.7	59.5
	SD	21.8	22.6	23.4
	N	128	13440	37525
Perturbed vs. Pleased	Mean	61.5	58.6	59.4
	SD	23.6	22.4	23.3
	N	128	13222	37036
Burdensome vs. Beneficial	Mean	66.8	61.3	62.0
	SD	27.3	26.3	26.8
	N	128	13389	37507
Useless vs. Useful	Mean	70.1	65.3	65.7
	SD	27.8	27.8	28.0
	N	128	13436	37641
Distraction vs. Enhancement	Mean	61.4	56.0	57.6
	SD	25.5	24.7	25.6
	N	123	13049	36497

6.1c. Usage of IT		The University of Memphis	DR public institutions	All US institutions
Never connected vs. Always connected	Mean	68.6	64.5	64.9
	SD	26.4	27.8	28.3
	N	128	13733	38525
Peripheral vs. Central	Mean	61.0	58.5	59.0
	SD	23.0	22.2	22.7
	N	120	12845	35634
Old media vs. New media	Mean	61.7	61.0	61.4
	SD	24.0	23.4	24.1
	N	122	13175	36700
Infrequent vs. Frequent	Mean	69.8	66.1	66.2
	SD	26.5	27.7	28.0
	N	124	13378	37345

6.2. Gender		The University of Memphis	DR public institutions	All US institutions
Male		35	5851	15642
		25.5%	38.3%	35.8%
Female		99	9175	27190
		72.3%	60.0%	62.3%
Other		2	82	221
		1.5%	0.5%	0.5%
Prefer not to answer		1	186	590
		0.7%	1.2%	1.4%
Total respondent count (Percentages sum to 100%)		137	15294	43643
		100.0%	100.0%	100.0%

6.3. Academic goal		The University of Memphis	DR public institutions	All US institutions
Digital badges that certify my skills		20	1790	5264

	14.6%	11.8%	12.2%
A vocational/occupational certificate	9	1088	3902
	6.6%	7.2%	9.0%
An associate's degree	7	1184	8319
	5.1%	7.8%	19.2%
A bachelor's degree	114	13001	34153
	83.2%	85.6%	78.9%
A master's degree	61	6150	16812
	44.5%	40.5%	38.8%
A doctoral degree	37	2394	6293
	27.0%	15.8%	14.5%
Another professional degree	22	1982	4379
	16.1%	13.1%	10.1%
Other, please describe	1	244	794
	0.7%	1.6%	1.8%
N/A	1	398	1391
	0.7%	2.6%	3.2%
Total respondent count	137	15185	43294

6.4. Major	The University of Memphis	DR public institutions	All US institutions
Agriculture and natural resources	0	355	710
	0.0%	2.3%	1.6%
Biological/life sciences	12	1614	3852
	8.7%	10.6%	8.8%
Business, management, marketing	19	1989	6099
	13.8%	13.0%	14.0%
Communications/journalism	3	741	1821
	2.2%	4.8%	4.2%
Computer and information sciences	6	924	2922
	4.3%	6.0%	6.7%
Education, including physical education	9	715	3058
	6.5%	4.7%	7.0%
Engineering and architecture	11	2252	3911
	8.0%	14.7%	9.0%
Fine and performing arts	3	372	1560
	2.2%	2.4%	3.6%
Health sciences, including professional programs	20	1886	6574
	14.5%	12.3%	15.1%
Humanities	3	364	1247
	2.2%	2.4%	2.9%
Liberal arts/general studies	8	815	1509
	5.8%	5.3%	3.5%
Manufacturing, construction, repair, or transportation	0	17	180
	0.0%	0.1%	0.4%
Physical sciences, including mathematical sciences	0	512	1220
	0.0%	3.4%	2.8%
Public administration; legal, social, and protective services	4	226	903
	2.9%	1.5%	2.1%
Social sciences	16	1279	3568
	11.6%	8.4%	8.2%

Other major not described above	18	967	3512
	13.0%	6.3%	8.1%
Undecided	6	254	976
	4.3%	1.7%	2.2%
Total respondent count (Percentages sum to 100%)	138	15282	43622
	100.0%	100.0%	100.0%

6.5. Part time or full time	The University of Memphis	DR public institutions	All US institutions
Part time	27	1597	7639
	19.7%	10.5%	17.6%
Full time	110	13662	35863
	80.3%	89.5%	82.4%
Total respondent count (Percentages sum to 100%)	137	15259	43502
	100.0%	100.0%	100.0%

6.6. Ethnicity	The University of Memphis	DR public institutions	All US institutions
American Indian/Native American/Alaskan native	1	366	1102
	0.7%	2.4%	2.5%
Asian/Pacific Islander	6	2604	5326
	4.4%	17.0%	12.2%
Black/African American	38	856	3309
	27.7%	5.6%	7.6%
Hispanic/Latino	6	1882	7517
	4.4%	12.3%	17.2%
White	75	10131	27396
	54.7%	66.2%	62.7%
Other	4	339	1122
	2.9%	2.2%	2.6%
Prefer not to answer	9	599	1980
	6.6%	3.9%	4.5%
Total respondent count	137	15313	43684

6.7. On/off campus	The University of Memphis	DR public institutions	All US institutions
On campus	30	4863	13148
	22.2%	31.9%	30.3%
Off campus	105	10384	30315
	77.8%	68.1%	69.7%
Total respondent count (Percentages sum to 100%)	135	15247	43463
	100.0%	100.0%	100.0%

6.8. First person in immediate family to attend college	The University of Memphis	DR public institutions	All US institutions
No	96	11925	31463
	71.1%	78.0%	72.1%
Yes	37	3145	11347
	27.4%	20.6%	26.0%
Prefer not to answer	2	218	823
	1.5%	1.4%	1.9%
Total respondent count (Percentages sum to 100%)	135	15288	43633

	100.0%	100.0%	100.0%
6.9. Received free or reduced lunches in high school	The University of Memphis	DR public institutions	All US institutions
No	88	11837	30534
	64.2%	77.4%	70.0%
Yes	45	3046	11538
	32.8%	19.9%	26.4%
Prefer not to answer	4	404	1552
	2.9%	2.6%	3.6%
Total respondent count (Percentages sum to 100%)	137	15287	43624
	100.0%	100.0%	100.0%