MINNESOTA STATE
UNIVERSITY
MANKATO

The Center for Excellence in Teaching and Learning

Student Reflection Questionnaire: Part 2
2020

Prepared For:

The Center for Excellence in Teaching and Learning

Minnesota State University, Mankato, Minnesota

Prepared By:

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The Center for Excellence in Scholarship and Research (CESR) is a research consulting service housed within Minnesota State University, Mankato. CESR, comprised of faculty and graduate students, seeks to help advance the careers of faculty, staff, and graduate students. CESR offers a wide range of services to both faculty and students including manuscript editing, research design, and data analysis.

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Method

Procedure

CETL distributed an electronic version of the survey to the entire student body on September 16th. Surveys remained open for a two-week period, asking students to submit their responses by September 25th.

The survey included an email invitation to complete the survey. Students who wanted to complete the survey simply clicked on a link embedded in the invitation. The link directed them to the survey.

When they opened the survey, participants were informed that

- o The survey was being used to gather information on their learning experiences and feedback on improvements
- o Responses would be anonymous.
- o The survey may be redistributed multiple times throughout the semester to trach changes over the semester.

A copy of the survey is included on the next page.

CETL Student Reflection Questionnaire Questions

Demographic
    Q2: What is your gender?
    Q3: Which choice describes your student status at Minnesota State, Mankato?
    Q4: Which Minnesota State, Mankato college does your major fall into?
    Q5: Are you a domestic or international student at Minnesota State, Mankato?
    Q6: I identify as (choose all that apply):
    Q7: On a typical week when I have class this Fall; I will come to class:
    Q8: Please indicate which group you are a part of:

Quantitative Content
    Q10: What helped you succeed in your courses during Fall 2020 and before? Check all that apply.
    Q11: What hindered your success in your online courses during Spring 2020 and Fall? Check all that apply
    Q12: What resources or support will you need from Minnesota State, Mankato to be successful moving forward? Check all that apply.
    Q13: How frequently did your instructors use D2L for communication, grades, assignment submissions, and sharing content?
    Q14: How would you rate your instructors' presence during the Fall 2020 semester?
    Q15: How would you rate your instructors' accessibility during the Fall 2020 semester?
    Q16: How would you like to see your instructors communicate course information in Fall 2020 and beyond? Check all that apply.
    Q17: How would you like to see your instructs use class time in an online or hybrid teaching environment?
    Q18: How would you like to see your courses structured next semester (Spring 2021)? Check all that apply.
    Q19: What components of D2L are critical for you to learn course material whether in an online or face-to-face course? Check all that apply.
    Q20: Indicate your comfort level with the following tools used in online teaching and courses.

Qualitative Content
    Q21: What other suggestions do you have for online course delivery at Minnesota State, Mankato? (New activities, activities to modify or remove, course management, etc.)
    Q22: What other challenges did you experience during Fall 2020? (Communication, staying motivated, completing assignments, organization, etc.)

Most items in this survey were on different response levels. There was not a consistent format in which participants answered any particular questions.

Response Data

	Survey
Number Sent	~14,000
Date Sent	September 16
Reminders Sent	0
Responses	1,434
Response Rate	~10.2%
Completion Rate Among people who started, these are participants who answered 85% or more of the questions.	84.7%

Results

Multi-Select Question Interpretation

Example Multi-Select Question
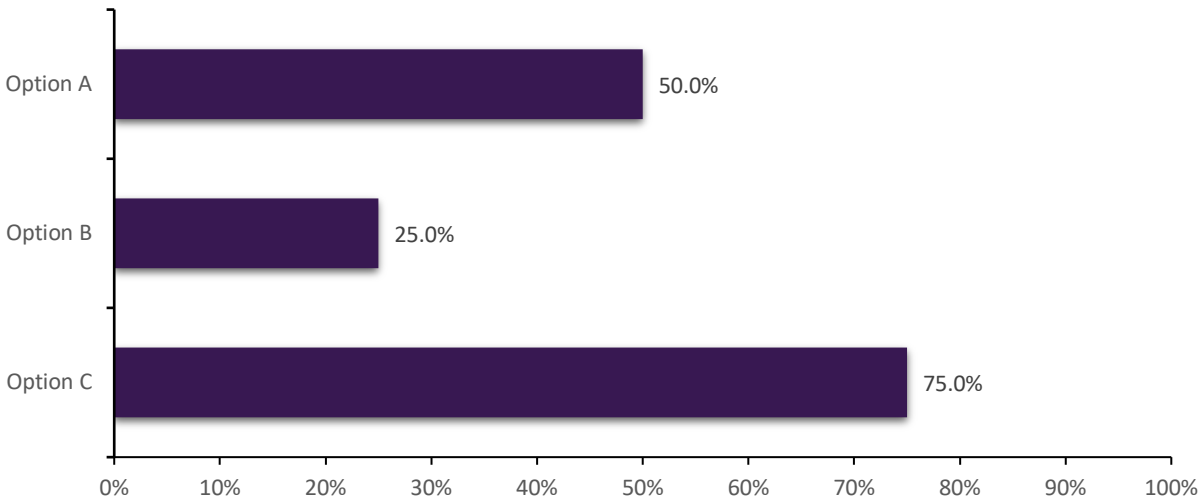
Example Multi-Select Question	
Response	**N**
Option A	50
Option B	25
Option C	75
Did not respond	15
Total	100

Number of Participants

Number of Participants endorsing Option A

Number of Participants who did not respond to question

Total Number of Participants who responded question

- Percentages appearing in the graph are determined from **Total Participates who *responded* to the question**. Participants who did not respond are not included in the analysis, including them would skew results.
- Numbers appearing in the *N* column will ***not* sum to the total.** This is due the multi-select nature of the question. Percentages should be sued to infer how many participants endorsed the specific response item and how many did not.

Demographic

Q2: What is your gender?

Response	Male	31.1%
Female	67.1%
Non-binary	0.7%
Prefer not to answer	1%
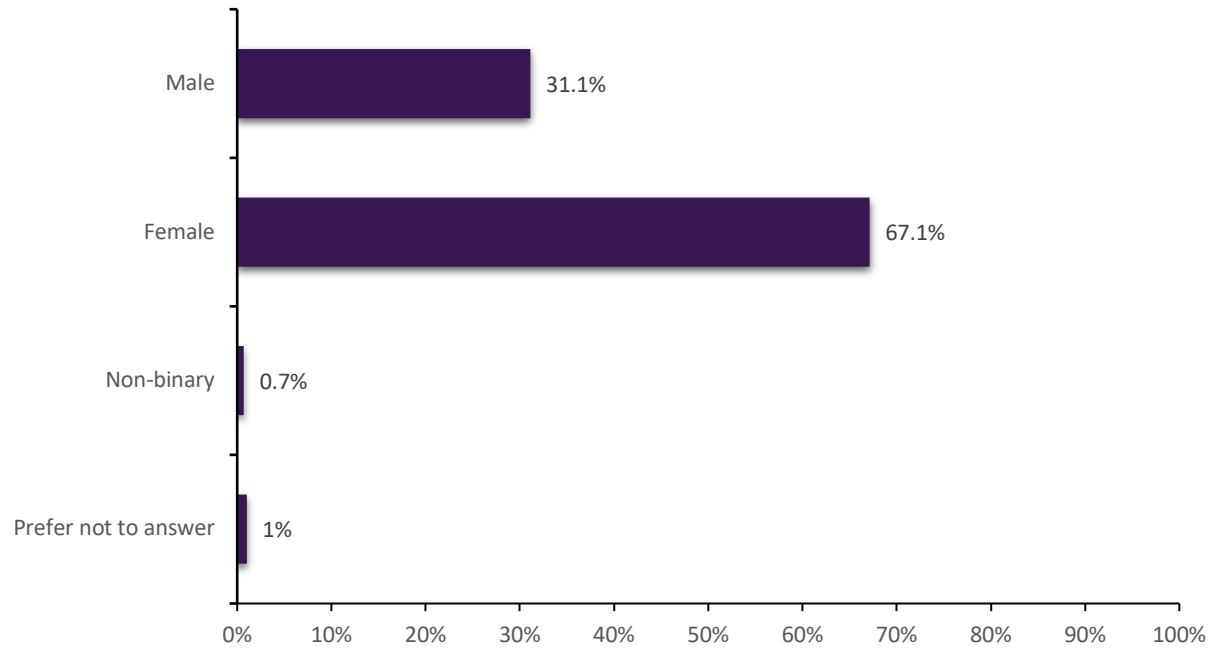
Q2: What is your gender?	
Response	*N*
Male	440
Female	951
Non-binary	11
Prefer not to answer	15
Total	1417

Q3: Which choice describes your student status at Minnesota State, Mankato?
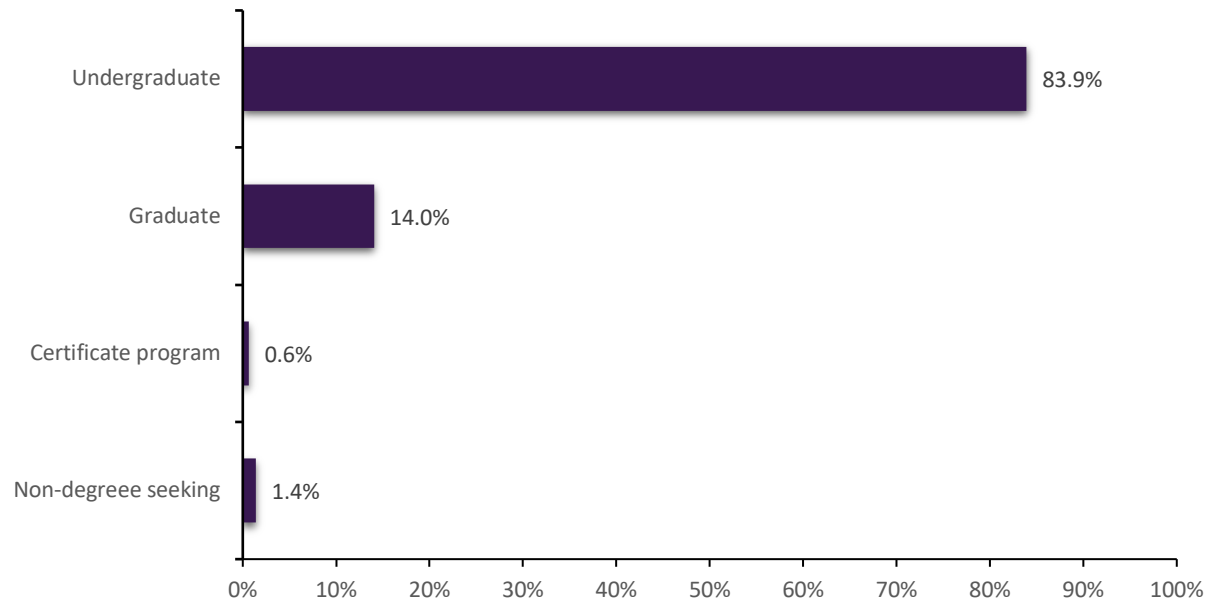
Q3: Which choice describes your student status at Minnesota State, Mankato?	
Response	**N**
Undergraduate	1189
Graduate	199
Certificate program	9
Non-degree seeking	20
Total	1417

Q4: Which Minnesota State, Mankato college does your major fall into?
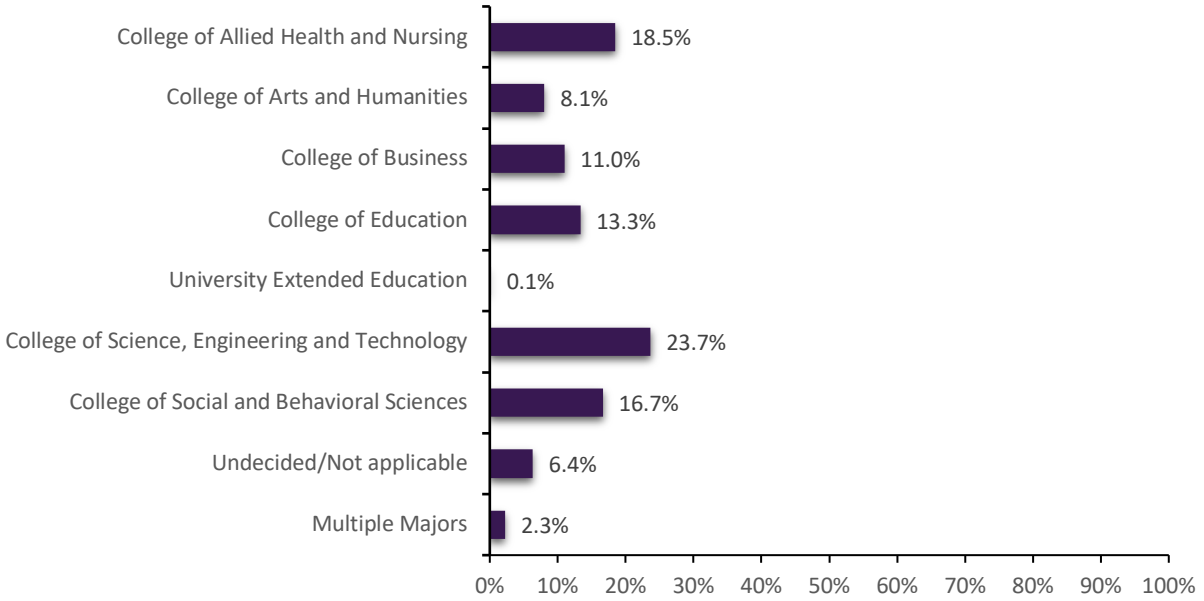
Q4: Which Minnesota State, Mankato college does your major fall into?	
Response	***N***
College of Allied Health and Nursing	262
College of Arts and Humanities	114
College of Business	156
College of Education	189
University Extended Education	2
College of Science, Engineering and Technology	335
College of Social and Behavioral Sciences	236
Undecided/Not applicable	90
Multiple Majors	32
Total	1416

Q5: Are you a domestic or international student at Minnesota State, Mankato?

Domestic — 94.3%
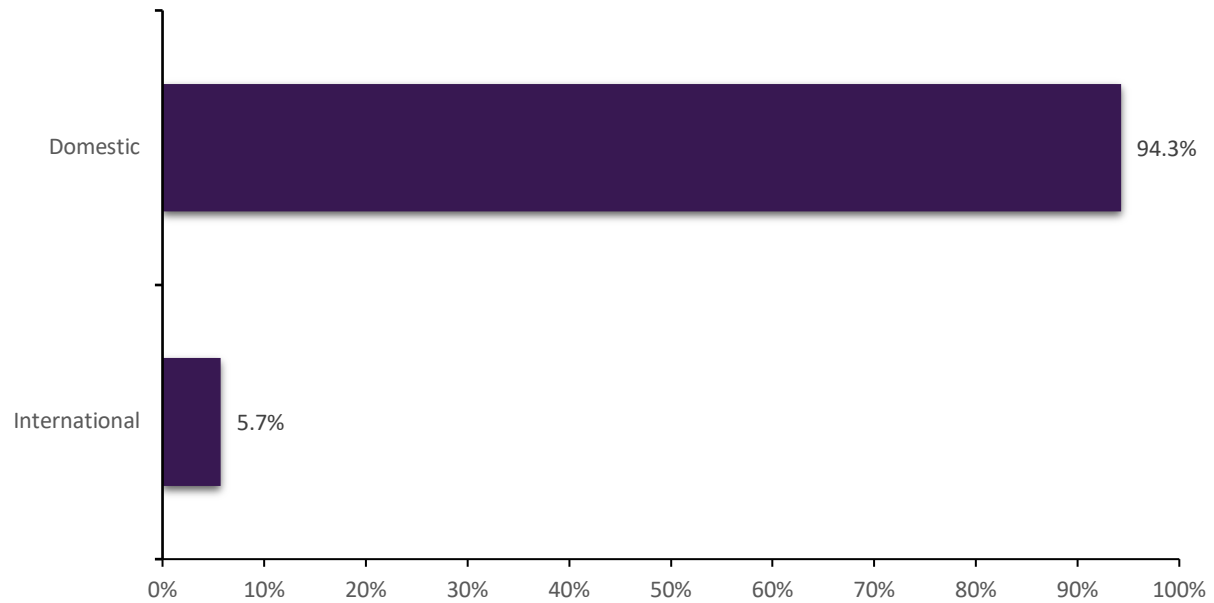
International — 5.7%

Q5: Are you a domestic or international student at Minnesota State, Mankato?	
Response	***N***
Domestic	1329
International	81
Total	1410

Q6: I identify as (choose all that apply):

American Indian or Alaskan Native	0.2%
Asian	5.2%
Black or African American	4.7%
Hispanic or Latinx	1.8%
Native Hawaiian or other Pacific Islander	0.2%
White	81.8%
Other	1.9%
Multi-racial/ethnic	4.3%

(0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%)
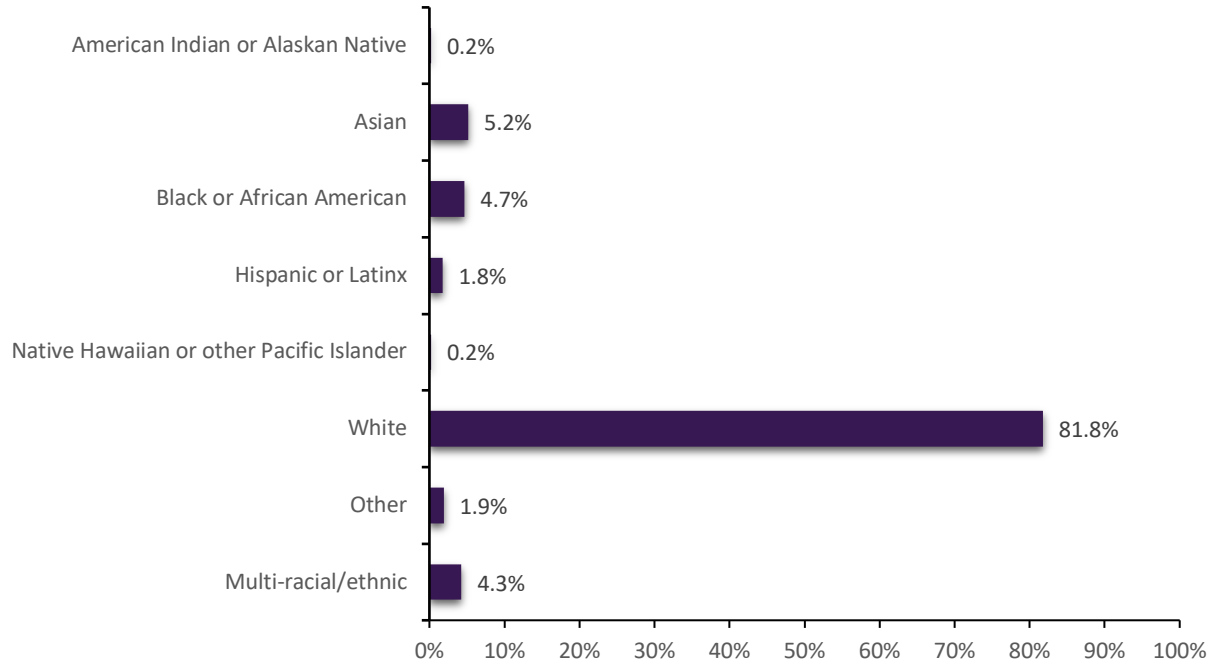
Q6: I identify as (choose all that apply):	
Response	***N***
American Indian or Alaskan Native	3
Asian	73
Black or African American	66
Hispanic or Latinx	25
Native Hawaiian or other Pacific Islander	3
White	1153
Other	27
Multi-racial/ethnic	60
Total	1410

Q7: On a typical week when I have class this fall, I will come to class:
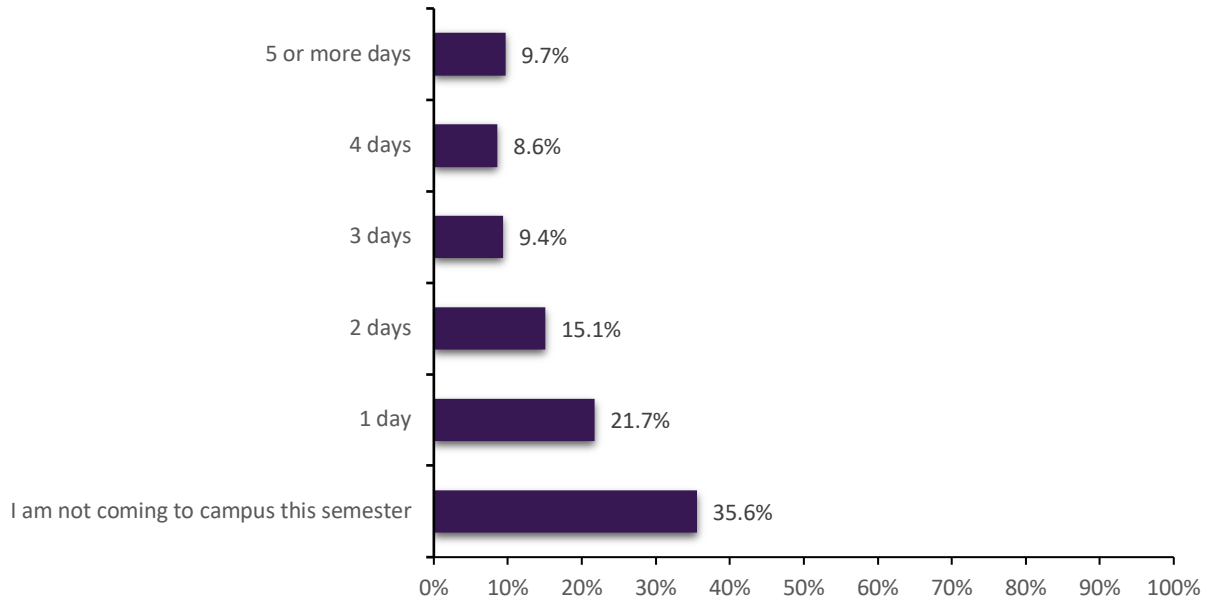
Q7: On a typical week when I have class this fall, I will come to class:	
Response	***N***
5 or more days	136
4 days	121
3 days	132
2 days	212
1 day	305
I am not coming to campus this semester	500
Total	1406

Q8: Please indicate which group you are apart of:

On campus 28.0%

Off campus in Mankato 47.8%

Off campus outside of Mankato 24.2%
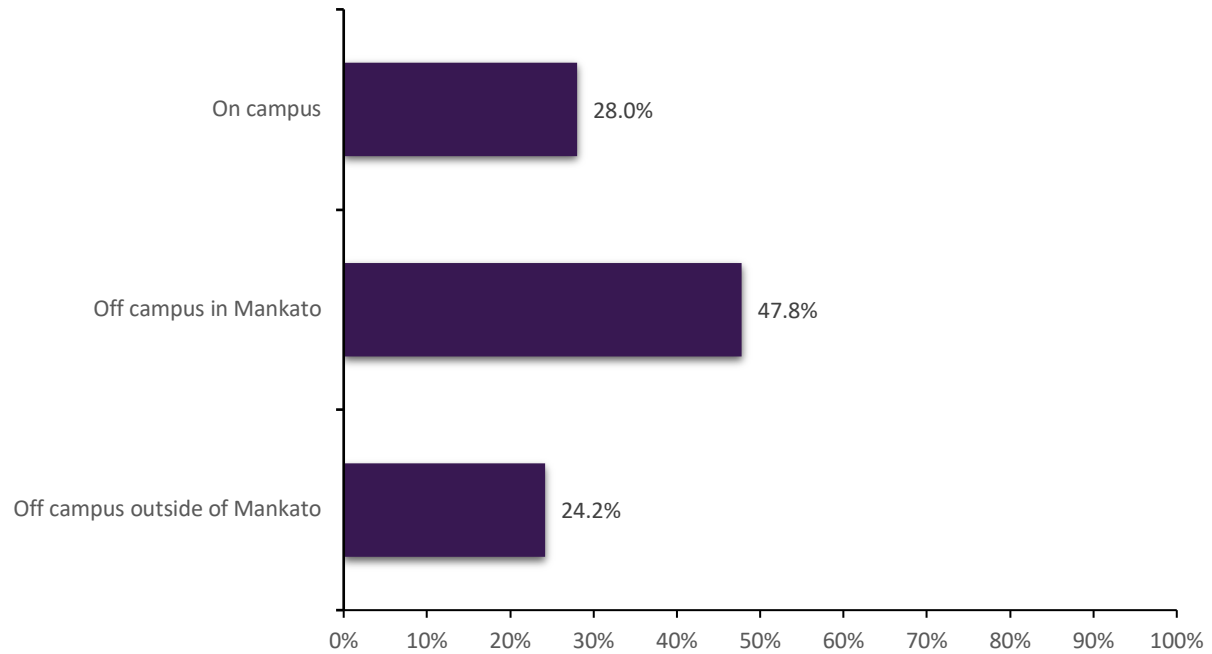
Q8: Please indicate which group you are a part of:	
Response	**N**
On campus	394
Off campus in Mankato	672
Off campus outside of Mankato	340
Total	1406

Quantitative Content

Q10: What helped you succeed in your courses during Fall 2020 and before? Check all that apply.

Response	Value
Textbooks and courses readings	53.6%
Course assignments	58.8%
A variety of activities and assignments	49.1%
Course syllabus	70.8%
Technology tools used for class (e.g. D2L, Office 365)	64.2%
Study guides	57.6%
Course videos	52.4%
Instructor engagement and accessibility	71.3%
Other	5.3%
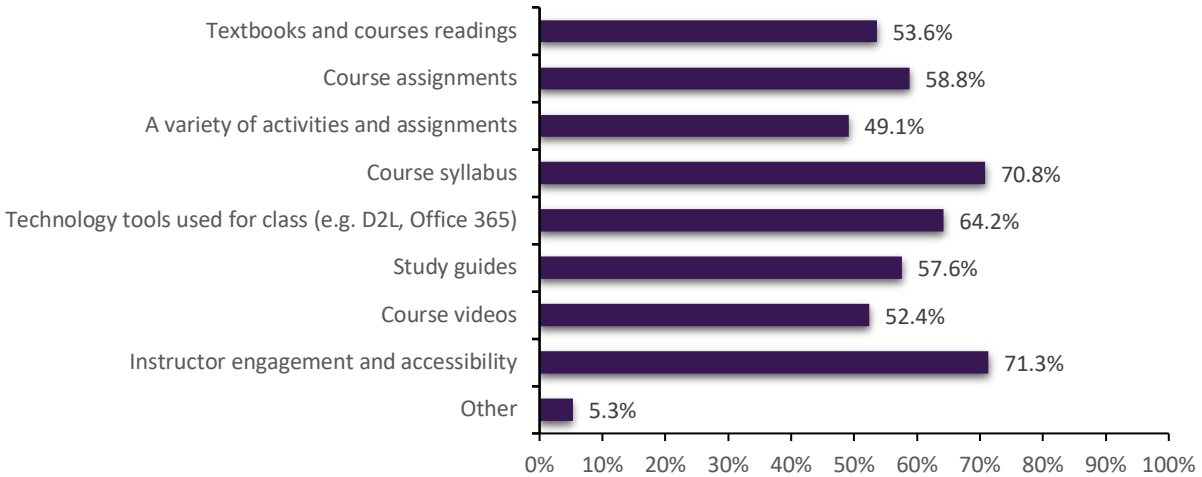
Q10: What helped you succeed in your courses during Fall 2020 and before? Check all that apply.	
Response	**N**
Textbooks and courses readings	702
Course assignments	770
A variety of activities and assignments	643
Course syllabus	928
Technology tools used for class (e.g., D2L, Office 365)	841
Study guides	754
Course videos	686
Instructor engagement and accessibility	934
Other	70
Did not respond	122
Total	1310

Q11: What hindered your success in your online courses during Spring 2020 and Fall? Check all that apply.
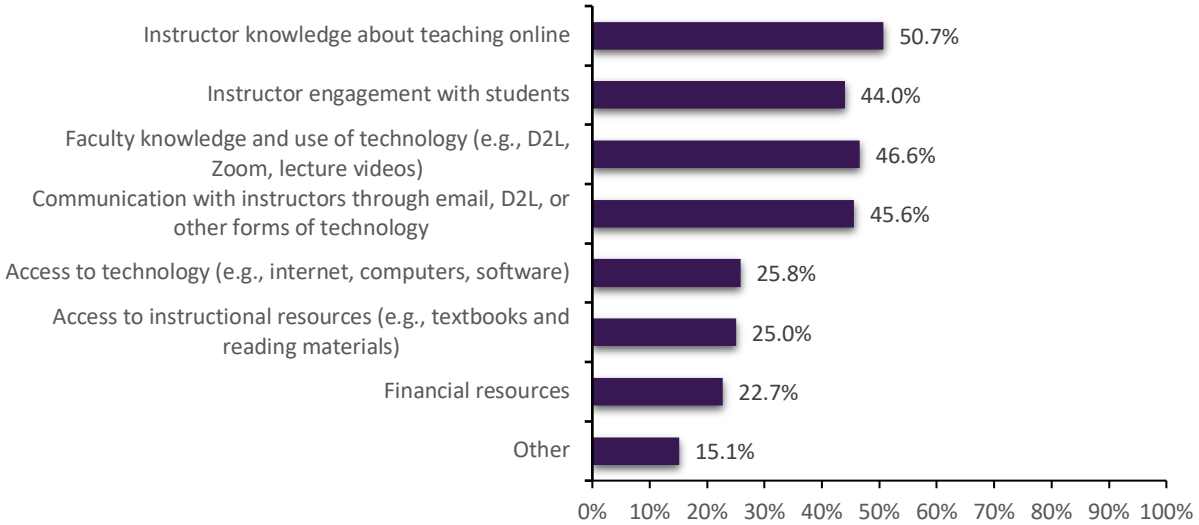
Q11: What hindered your success in your online courses during Spring 2020 and Fall? Check all that apply.	
Response	***N***
Instructor knowledge about teaching online	664
Instructor engagement with students	577
Faculty knowledge and use of technology (e.g., D2L, Zoom, lecture videos)	610
Communication with instructors through email, D2L, or other forms of technology	598
Access to technology (e.g., internet, computers, software)	338
Access to instructional resources (e.g., textbooks and reading materials)	328
Financial resources	297
Other	198
Did not respond	122
Total	1310

Q12: What resources or support will you need from Minnesota State, Mankato to be successful moving forward? Check all that apply.
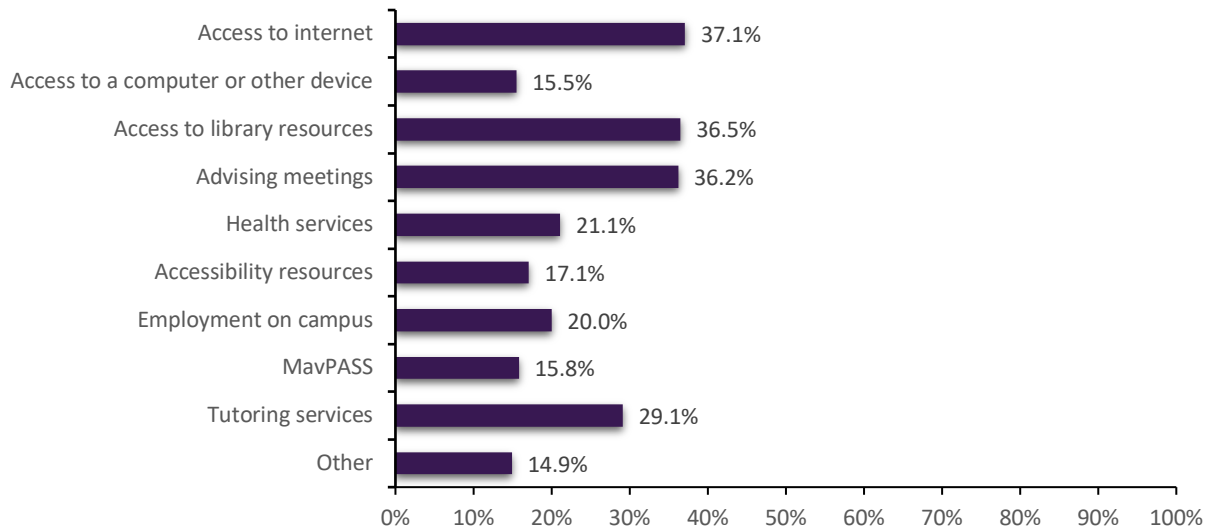
Q12: What resources or support will you need from Minnesota State, Mankato to be successful moving forward? Check all that apply.	
Response	**N**
Access to internet	463
Access to a computer or other device	193
Access to library resources	456
Advising meetings	452
Health services	263
Accessibility resources	214
Employment on campus	250
MavPASS	197
Tutoring services	363
Other	186
Did not respond	183
Total	1249

Q13A: How frequently did your instructors use D2L for communication?
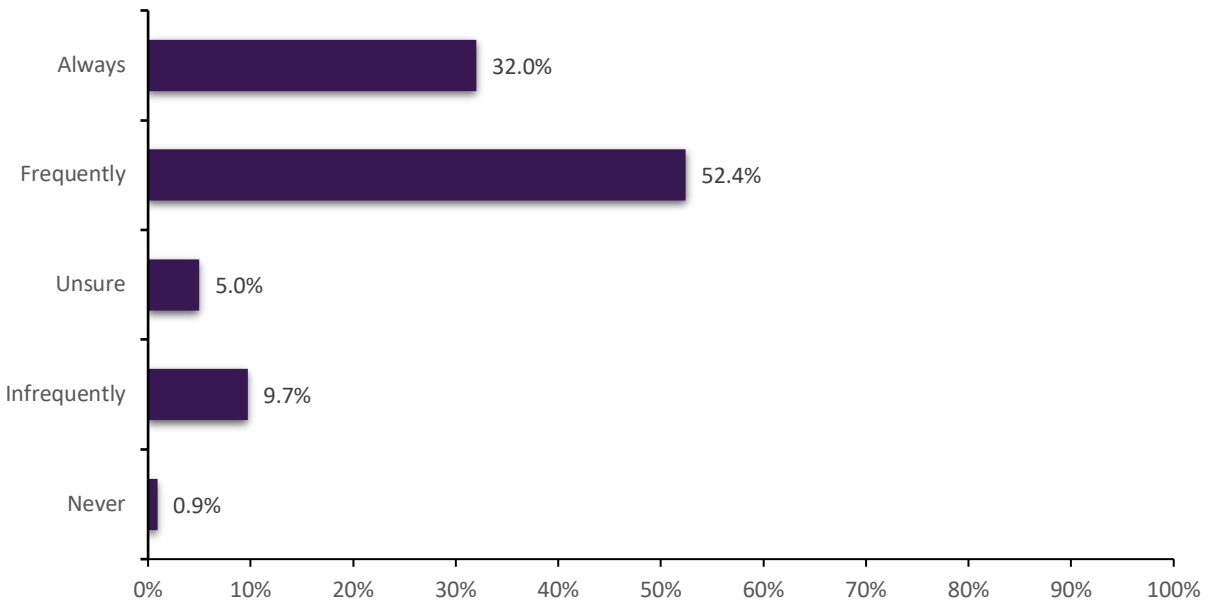
Q13A: How frequently did your instructors use D2L for communication?	
Response	***N***
Always	400
Frequently	654
Unsure	63
Infrequently	121
Never	11
Total	1249

Q13B: How frequently did your instructors use D2L for <u>grades</u>?
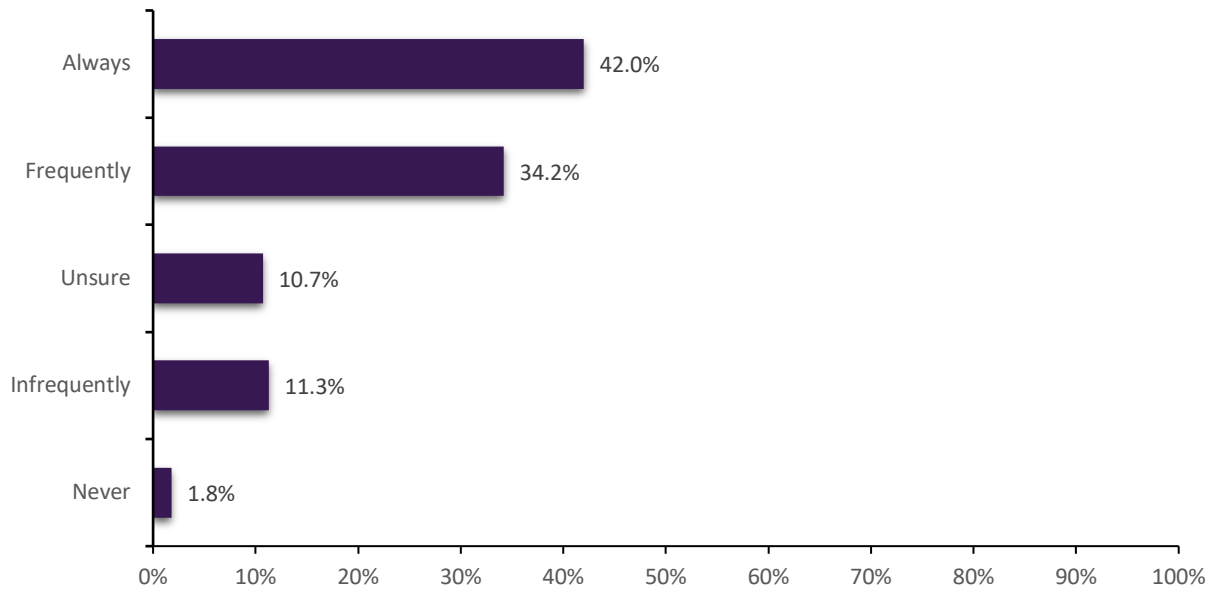
Q13B: How frequently did your instructors use D2L for <u>grades</u>?	
Response	***N***
Always	524
Frequently	427
Unsure	134
Infrequently	141
Never	23
Total	1249

Q13C: How frequently did your instructors use D2L for assignment submissions?

Response	Always	49.3%
Frequently	39.6%
Unsure	4.9%
Infrequently	5.7%
Never	0.6%
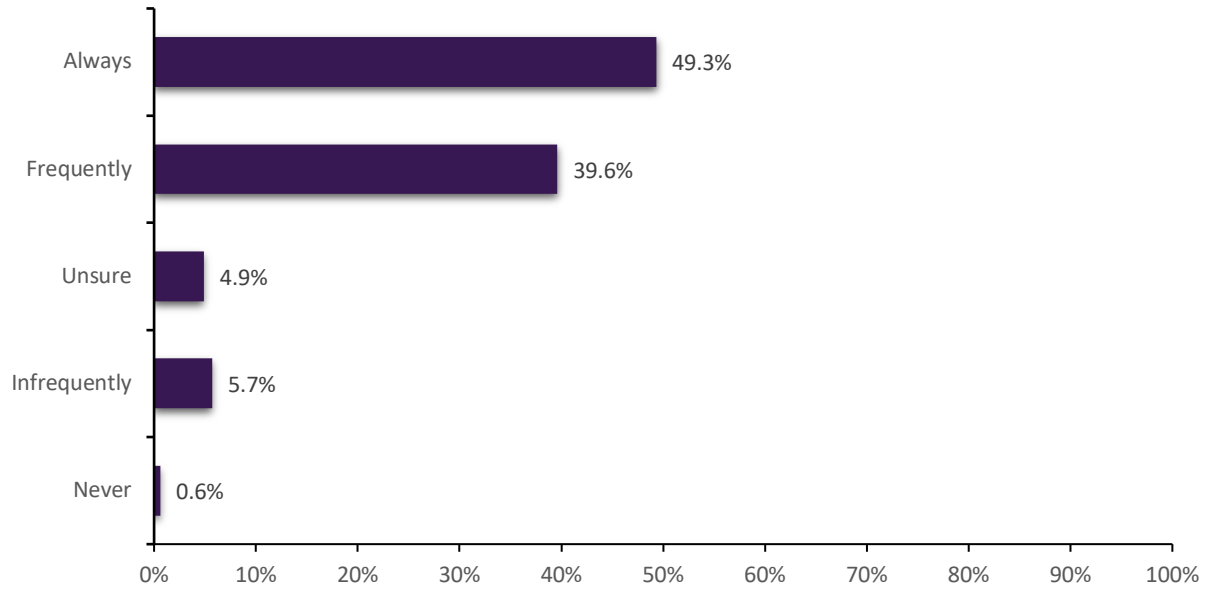
Q13C: How frequently did your instructors use D2L for assignment submissions?

Response	N
Always	616
Frequently	494
Unsure	61
Infrequently	71
Never	7
Total	1249

Q13D: How frequently did your instructors use D2L for <u>sharing content</u>?
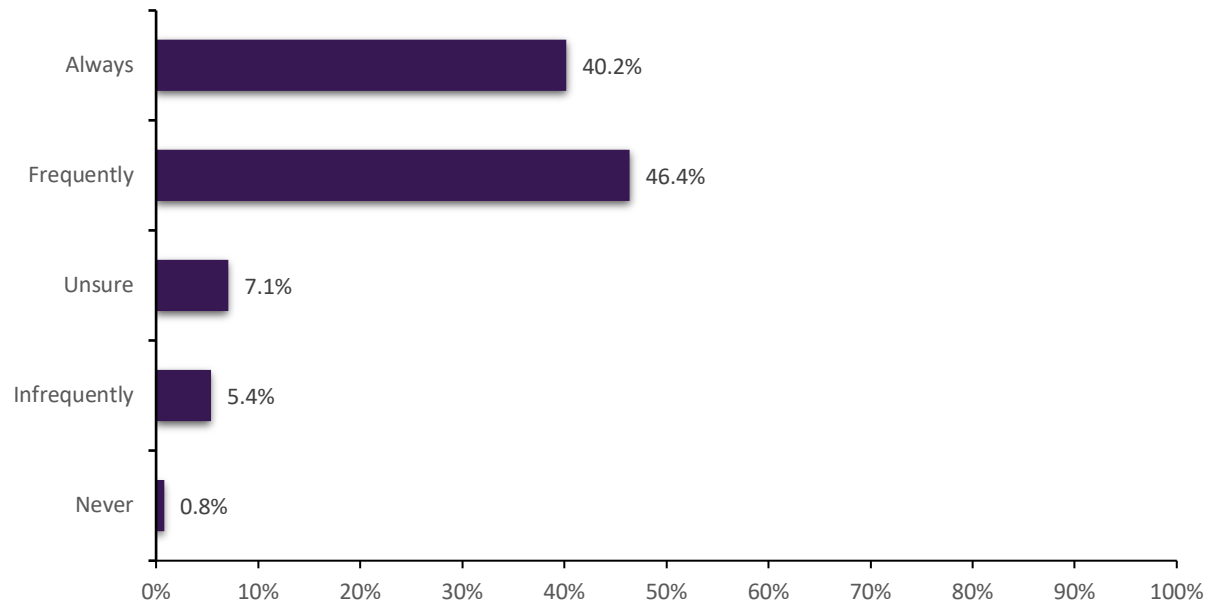
Q13D: How frequently did your instructors use D2L for <u>sharing content</u>?	
Response	***N***
Always	502
Frequently	580
Unsure	89
Infrequently	68
Never	10
Total	1249

Q14: How would you rate your instructors' presence during the Fall 2020 semester?
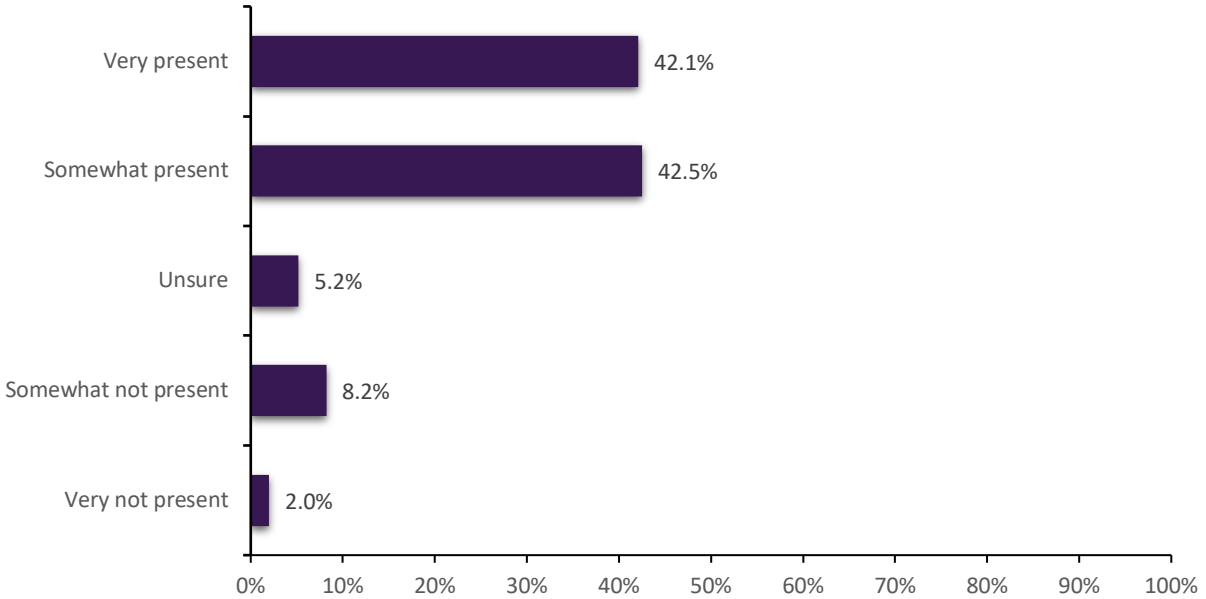
Q14: How would you rate your instructors' presence during the Fall 2020 semester?	
Response	***N***
Very present	526
Somewhat present	531
Unsure	65
Somewhat not present	102
Very not present	25
Total	1249

Q15: How would you rate your instructors' accessibility during the Fall 2020 semester?
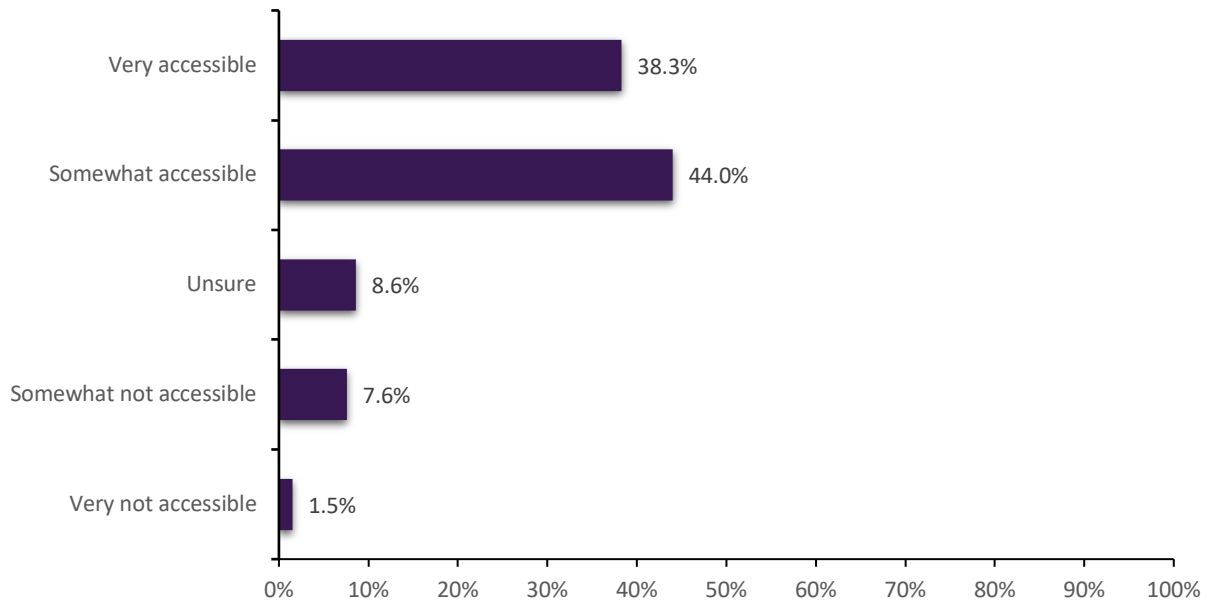
Q15: How would you rate your instructors' accessibility during the Fall 2020 semester?	
Response	**N**
Very accessible	478
Somewhat accessible	550
Unsure	107
Somewhat not accessible	95
Very not accessible	19
Total	1249

Q16: How would you like to see your instructors communicate course information in Fall 2020 and beyond? Check all that apply.
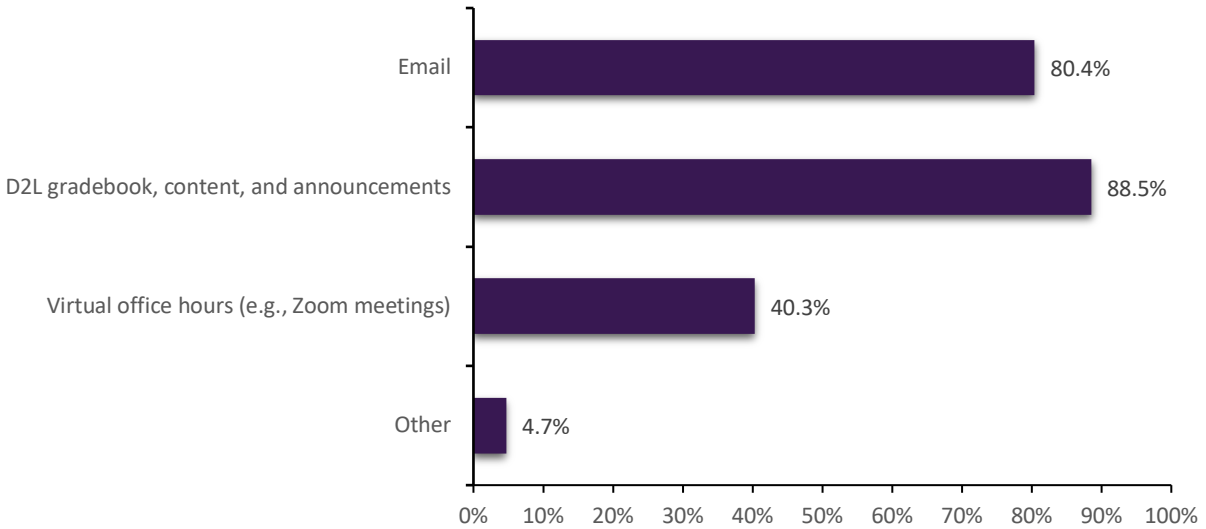
Q16: How would you like to see your instructors communicate course information in Fall 2020 and beyond? Check all that apply.	
Response	**N**
Email	995
D2L gradebook, content, and announcements	1096
Virtual office hours (e.g., Zoom meetings)	499
Other	58
Did not respond	194
Total	1238

Q17: How would you like to see your instructors use class time in an online or hybrid teaching environment?
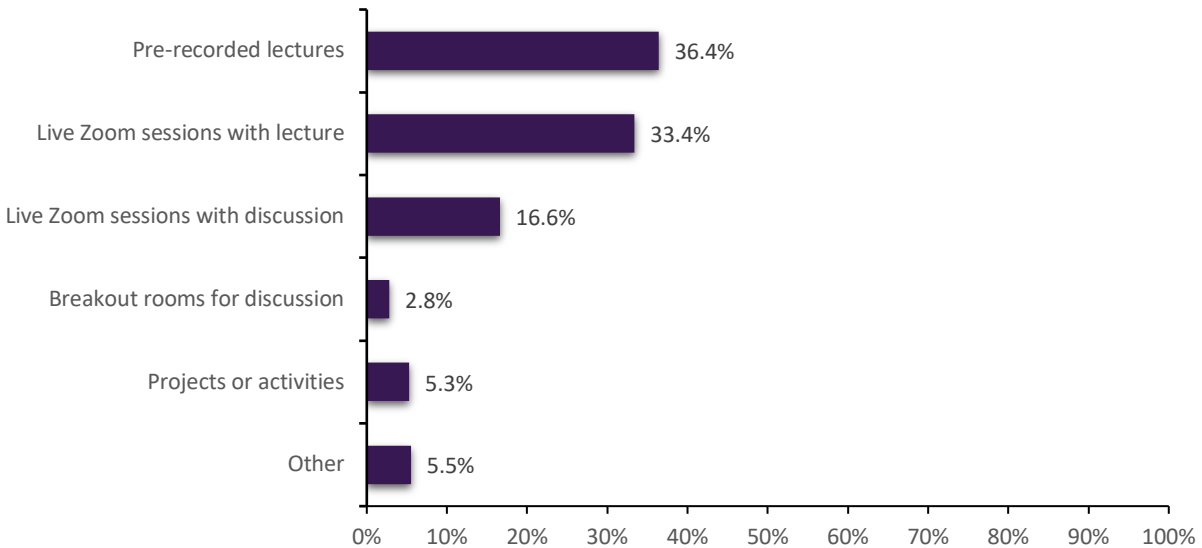
Q17: How would you like to see your instructors use class time in an online or hybrid teaching environment?	
Response	***N***
Pre-recorded lectures	451
Live Zoom sessions with lecture	413
Live Zoom sessions with discussion	205
Breakout rooms for discussion	35
Projects or activities	66
Other	68
Total	1238

Q18: How would you like to see your courses structured next semester (Spring 2021)? Check all that apply.
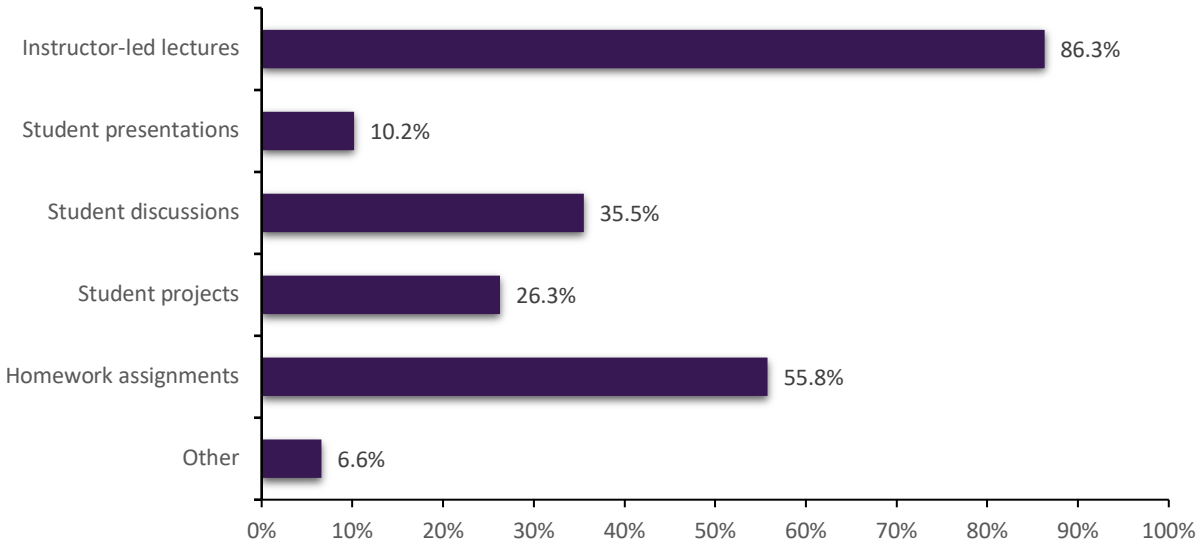
Q18: How would you like to see your courses structured next semester (Spring 2021)? Check all that apply.	
Response	***N***
Instructor-led lectures	1054
Student presentations	125
Student discussions	434
Student projects	321
Homework assignments	681
Other	80
Did not respond	211
Total	1221

Q19: What components of D2L are critical for you to learn course material whether in an online or face-to-face course? Check all that apply.
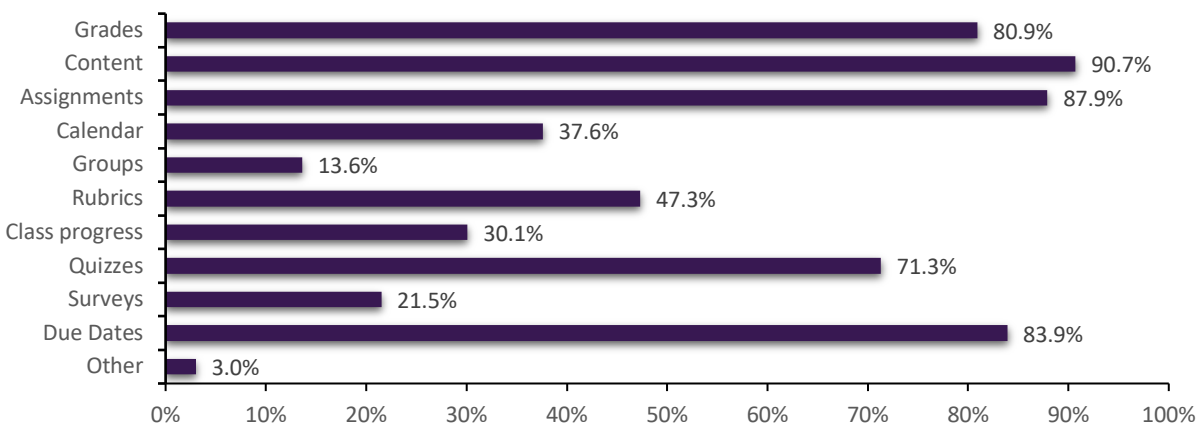
Q19: What components of D2L are critical for you to learn course material whether in an online or face-to-face course? Check all that apply.	
Response	N
Grades	988
Content	1108
Assignments	1073
Calendar	459
Groups	166
Rubrics	578
Class progress	368
Quizzes	871
Surveys	263
Due dates	1025
Other	37
Did not respond	211
Total	1221

Q20A: Indicate your comfort level with the following tools used in online teaching and courses. - D2L
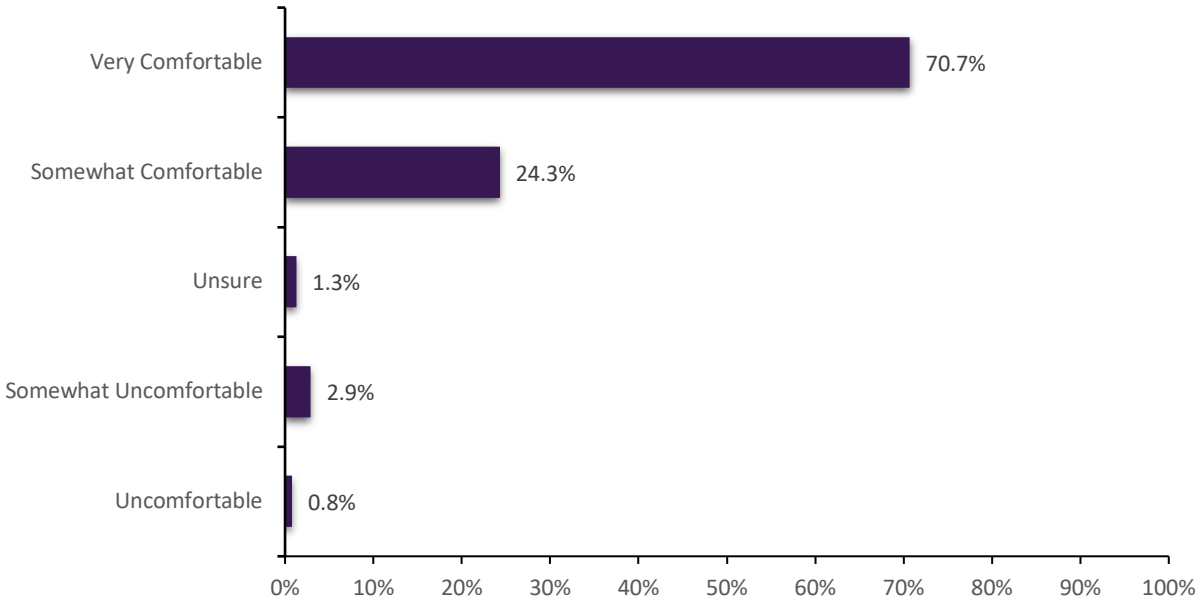
Q20A: Indicate your comfort level with the following tools used in online teaching and courses. - D2L	
Response	***N***
Very Comfortable	858
Somewhat Comfortable	295
Unsure	16
Somewhat Uncomfortable	35
Uncomfortable	10
Total	1214

Q20B: Indicate your comfort level with the following tools used in online teaching and courses. - Zoom

Response	N
Very Comfortable	601
Somewhat Comfortable	487
Unsure	52
Somewhat Uncomfortable	48
Uncomfortable	26
Total	1214

Q20C: Indicate your comfort level with the following tools used in online teaching and courses. - MediaSpace
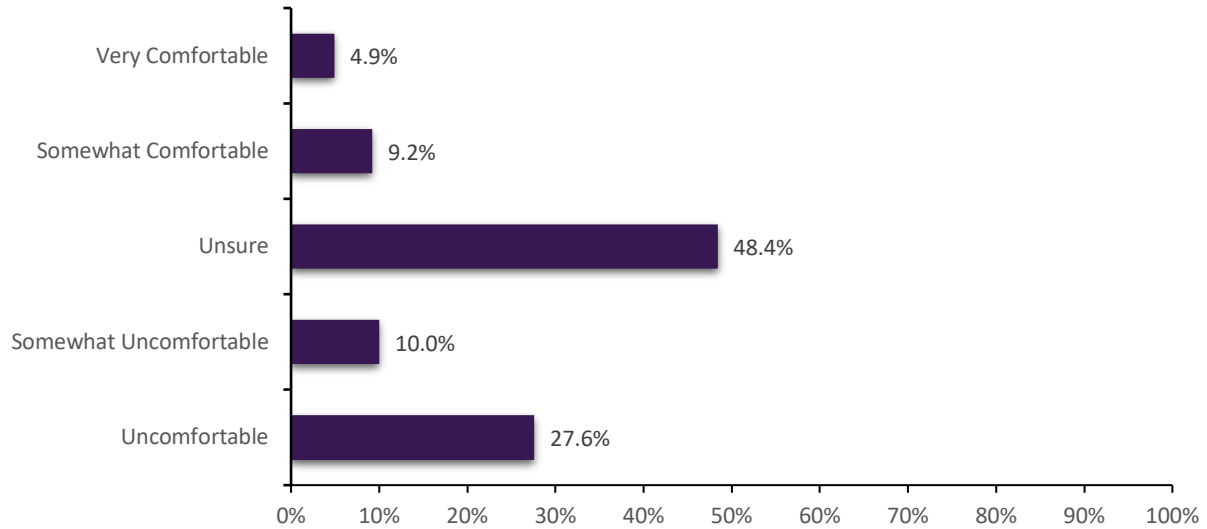
Q20C: Indicate your comfort level with the following tools used in online teaching and courses. - MediaSpace	
Response	**N**
Very Comfortable	59
Somewhat Comfortable	111
Unsure	587
Somewhat Uncomfortable	121
Uncomfortable	335
Total	1213

Q20D: Indicate your comfort level with the following tools used in online teaching and courses. - MavPASS
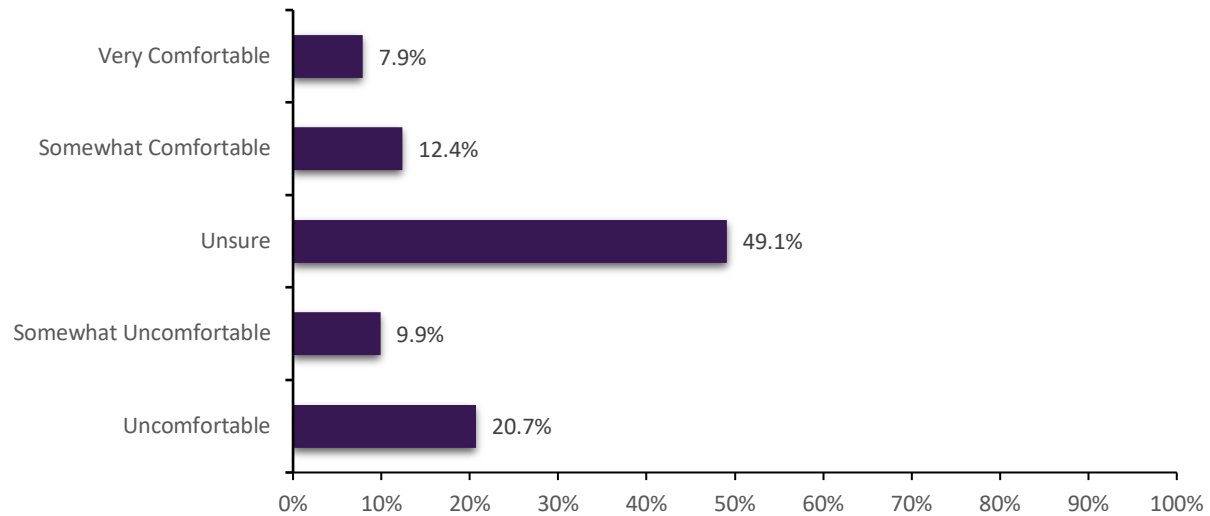
Q20D: Indicate your comfort level with the following tools used in online teaching and courses. - MavPASS	
Response	***N***
Very Comfortable	96
Somewhat Comfortable	150
Unsure	596
Somewhat Uncomfortable	120
Uncomfortable	251
Total	1213

Q20E: Indicate your comfort level with the following tools used in online teaching and courses. - <u>Library Services</u>
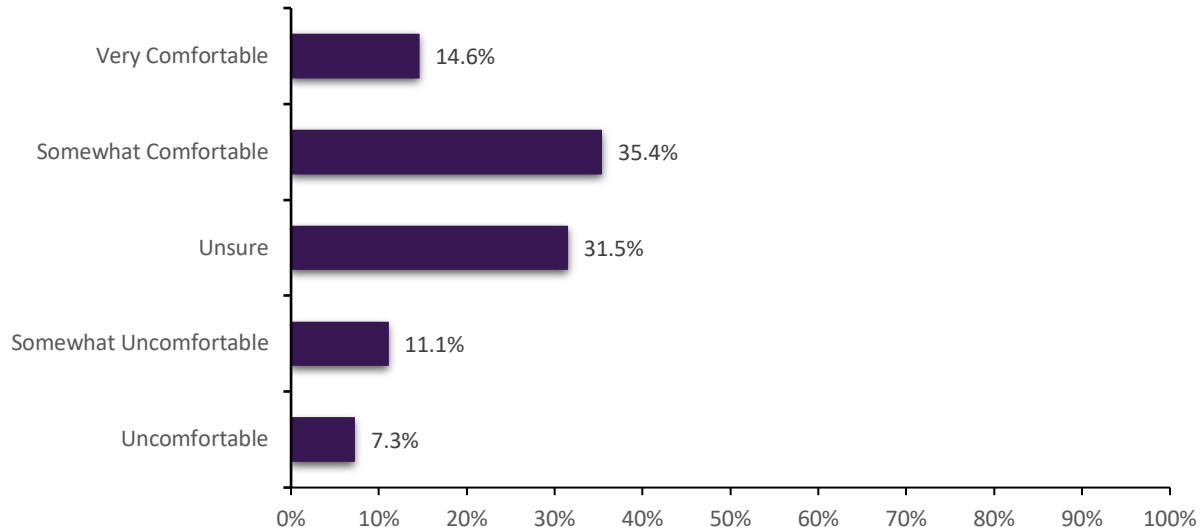
Q20E: Indicate your comfort level with the following tools used in online teaching and courses. – <u>Library Services</u>	
Response	*N*
Very Comfortable	177
Somewhat Comfortable	430
Unsure	383
Somewhat Uncomfortable	135
Uncomfortable	89
Total	1214

Results by Race

Multi-Select Question Breakdown Table Interpretation

Number of Participants endorsing Option A

Differences Between Demographic Percentages

Example Multi-Select Question Table		Demographic Breakdown						
		Demographic A		Demographic B		Total		
		N	%	*N*	%	*Diff. %*	*N*	%
Example Multi-Select Question	Option A	50	50.0%	26	52.0%	2.0%	76	50.7%
	Option B	75	75.0%	35	70.0%	5.0%	110	73.3%
	Option C	25	25.0%	45	90.0%	65.0%	70	46.7%
	Did not respond	10	9.1%	1	1.9%	7.2%	11	6.8%
	Total	100	100%	50	100%	-	150	100%

Total Number of Participants who responded question

Description

- Differences Between Demographic Percentages Color Breakdown
  - Green – difference between 0% - 4.9%
  - Yellow – difference between 5% - 9.9%
  - Red – difference greater than 10%
- These color groupings are **arbitrary**. They are a useful way to quickly identify large differences between demographic groups
- **Note**: the differences in percentages columns is to be interpreted as differences in **percentage points**. They can *not* to be interpreted as "Demographic A is ___% of Demographic B's percentage."

Data by Race

Helped Success		Q6: I identify as (choose all that apply):						
		White Students		Students of Color			Total	
		N	%	*N*	%	*Diff. %*	*N*	%
Q10: What helped you succeed in your courses during Fall 2020 and before? Check all that apply.	Textbooks and courses readings	585	54.2%	117	50.9%	3.3%	702	53.6%
	Course assignments	639	59.2%	131	57.0%	2.2%	770	58.8%
	A variety of activities and assignments	541	50.1%	102	44.3%	5.8%	643	49.1%
	Course syllabus	773	71.6%	155	67.4%	4.2%	928	70.8%
	Technology tools used for class (e.g., D2L, Office 365)	700	64.8%	141	61.3%	3.5%	841	64.2%
	Study guides	628	58.1%	126	54.8%	3.3%	754	57.6%
	Course videos	567	52.5%	119	51.7%	0.8%	686	52.4%
	Instructor engagement and accessibility	775	71.8%	159	69.1%	2.7%	934	71.3%
	Other	52	4.8%	18	7.8%	3.0%	70	5.3%
	Did not respond	73	6.3%	27	10.5%	4.2%	122	8.5%
	Total	1080	100%	230	100%	-	1310	100%

Hindered Success		Q6: I identify as (choose all that apply):						
		White Students		Students of Color		Total		
		N	%	N	%	Diff. %	N	%
Q11: What hindered your success in your online courses during Spring 2020 and Fall? Check all that apply.	Instructor knowledge about teaching online	563	52.1%	101	43.9%	8.2%	664	50.7%
	Instructor engagement with students	486	45.0%	91	39.6%	5.4%	577	44.0%
	Faculty knowledge and use of technology (e.g., D2L, Zoom, lecture videos)	515	47.7%	95	41.3%	6.4%	610	46.6%
	Communication with instructors through email, D2L, or other forms of technology	499	46.2%	99	43.0%	3.2%	598	45.6%
	Access to technology (e.g., internet, computers, software)	266	24.6%	72	31.3%	6.7%	338	25.8%
	Access to instructional resources (e.g., textbooks and reading materials)	256	23.7%	72	31.3%	7.6%	328	25.0%
	Financial resources	230	21.3%	67	29.1%	7.8%	297	22.7%
	Other	162	15.0%	36	15.7%	0.7%	198	15.1%
	Did not respond	73	6.3%	27	10.5%	4.2%	122	8.5%
	Total	1080	100%	230	100%	-	1310	100%

Needed Support Resources		Q6: I identify as (choose all that apply):						
		White Students		Students of Color			Total	
		N	%	N	%	Diff. %	N	%
Q12: What resources or support will you need from Minnesota State, Mankato to be successful moving forward? Check all that apply.	Access to internet	367	35.4%	96	45.1%	9.7%	463	37.1%
	Access to a computer or other device	149	14.4%	44	20.7%	6.3%	193	15.%
	Access to library resources	367	35.4%	89	41.8%	6.4%	456	36.5%
	Advising meetings	378	36.5%	74	34.7%	1.8%	452	36.2%
	Health services	196	18.9%	67	31.5%	12.6%	263	21.1%
	Accessibility resources	161	15.5%	53	24.9%	9.4%	214	17.1%
	Employment on campus	184	17.8%	66	31.0%	13.2%	250	20.0%
	MavPASS	153	14.8%	55	20.7%	5.9%	197	15.8%
	Tutoring services	293	28.3%	70	32.9%	4.6%	363	29.1%
	Other	159	15.3%	27	12.7%	2.6%	186	14.9%
	Did not respond	117	10.1%	44	17.1%	7.0%	183	12.8%
	Total	1036	100%	213	100%	-	1249	100%

Instructor Use of Class Time		Q6: I identify as (choose all that apply):						
		White Students		Students of Color			Total	
		N	%	*N*	%	*Diff. %*	*N*	%
Q17: How would you like to see your instructors use class time in an online or hybrid teaching environment?	Pre-recorded lectures	371	36.1%	80	38.3%	2.2%	451	36.4%
	Live Zoom sessions with lecture	343	33.3%	70	33.5%	0.2%	413	33.4%
	Live Zoom sessions with discussion	179	17.4%	26	12.4%	5.0%	205	16.6%
	Breakout rooms for discussion	25	2.4%	10	4.8%	2.4%	35	2.8%
	Projects or activities	57	5.5%	9	4.3%	1.2%	66	5.3%
	Other	54	5.2%	14	6.7%	1.5%	68	5.5%
	Total	1029	100%	209	100%	-	1238	100%

Course Structure		Q6: I identify as (choose all that apply):						
		White Students		Students of Color		Total		
		N	%	*N*	%	*Diff. %*	*N*	%
Q18: How would you like to see your courses structured next semester (Spring 2021)? Check all that apply.	Instructor-led lectures	889	87.5%	165	80.5%	7.0%	1054	86.3%
	Student presentations	98	9.6%	27	13.2%	3.6%	125	10.2%
	Student discussions	361	35.5%	73	35.6%	0.1%	434	35.5%
	Student projects	250	24.6%	71	34.6%	10.0%	321	26.3%
	Homework assignments	563	55.4%	118	57.6%	2.2%	681	55.8%
	Other	62	6.1%	18	8.8%	2.7%	80	6.6%
	Did not respond	137	11.9%	52	20.2%	8.3%	211	14.7%
	Total	1016	100%	205	100%	-	1221	100%

Critical Components of D2L		Q6: I identify as (choose all that apply):						
		White Students		Students of Color			Total	
		N	%	N	%	Diff. %	N	%
Q19: What components of D2L are critical for you to learn course material whether in an online or face-to-face course? Check all that apply.	Grades	841	82.8%	147	71.7%	11.1%	988	80.9%
	Content	939	92.4%	169	82.4%	10.0%	1108	90.7%
	Assignments	902	88.8%	171	83.4%	5.4%	1073	87.9%
	Calendar	385	37.9%	74	36.1%	1.8%	459	37.6%
	Groups	130	12.8%	36	17.6%	4.8%	166	13.6%
	Rubrics	492	48.4%	86	42.0%	6.4%	578	47.3%
	Class progress	283	27.9%	85	41.5%	13.6%	368	30.1%
	Quizzes	738	72.6%	133	64.9%	7.7%	871	71.3%
	Surveys	220	21.7%	43	21.0%	0.7%	263	21.5%
	Due dates	871	85.7%	154	75.1%	10.6%	1025	83.9%
	Other	30	3.0%	7	3.4%	0.4%	37	3.0%
	Did not respond	137	11.9%	52	20.2%	8.3%	211	14.7%
	Total	1016	100%	205	100%	-	1221	100%

CENTER FOR EXCELLENCE
IN SCHOLARSHIP and RESEARCH
MINNESOTA STATE UNIVERSITY MANKATO

Comfort Level			Q6: I identify as (choose all that apply):						
			White Students		Students of Color		Total		
			N	%	N	%	Diff. %	N	%
Q20: Indicate your comfort level with the following tools used in online teaching and courses	D2L	Very Comfortable	713	70.6%	145	71.1%	0.5%	858	70.7%
		Somewhat Comfortable	246	24.4%	49	24.0%	0.4%	295	24.3%
		Unsure	14	1.4%	2	1.0%	0.4%	16	1.3%
		Somewhat Uncomfortable	29	2.9%	6	2.9%	0%	35	2.9%
		Very Uncomfortable	8	0.8%	2	1.0%	0.2%	10	0.8%
		Total	1010	100%	204	100%	-	1214	100%
	Zoom	Very Comfortable	503	49.8%	98	48.0%	1.8%	601	49.5%
		Somewhat Comfortable	407	40.3%	80	39.2%	1.1%	487	40.1%
		Unsure	40	4.0%	12	5.9%	1.9%	52	4.3%
		Somewhat Uncomfortable	39	3.9%	9	4.4%	0.5%	48	4.0%
		Very Uncomfortable	21	2.1%	5	2.5%	0.4%	26	2.1%
		Total	1010	100%	204	100%	-	1214	100%

Comfort Level (*cont.*)			Q6: I identify as (choose all that apply):						
			White Students		Students of Color			Total	
			N	%	N	%	Diff. %	N	%
Q20: Indicate your comfort level with the following tools used in online teaching and courses	MediaSpace	Very Comfortable	40	4.0%	19	9.4%	5.4%	59	4.9%
		Somewhat Comfortable	78	7.7%	33	16.3%	8.6%	111	9.2%
		Unsure	485	48.0%	102	50.2%	2.2%	587	48.4%
		Somewhat Uncomfortable	104	10.3%	17	8.4%	1.9%	121	10.0%
		Very Uncomfortable	303	30.0%	32	15.8%	14.2%	335	27.6%
		Total	1010	100%	203	100%	-	1213	100%
	MavPass	Very Comfortable	71	7.0%	25	12.3%	5.3%	96	7.9%
		Somewhat Comfortable	114	11.3%	36	17.6%	6.3%	150	12.4%
		Unsure	496	49.2%	100	49.0%	0.2%	596	49.1%
		Somewhat Uncomfortable	100	9.9%	20	9.8%	0.1%	120	9.9%
		Very Uncomfortable	228	22.6%	23	11.3%	11.3%	251	20.7%
		Total	1009	100%	204	100%	-	1213	100%

Comfort Level (*cont.*)			Q6: I identify as (choose all that apply):						
			White Students		Students of Color		Total		
Q20: Indicate your comfort level with the following tools used in online teaching and courses			N	%	N	%	Diff. %	N	%
	Library Services	Very Comfortable	141	14.0%	36	17.6%	3.6%	177	14.6%
		Somewhat Comfortable	358	35.4%	72	35.3%	0.1%	430	35.4%
		Unsure	312	30.9%	71	34.8%	3.9%	383	31.5%
		Somewhat Uncomfortable	121	12.0%	14	6.9%	5.1%	135	11.1%
		Very Uncomfortable	78	7.7%	11	5.4%	2.3%	89	7.3%
		Total	1010	100%	204	100%	-	1214	100%

Results by Domestic vs. International

Data by Domestic vs. International

<table>
<tr><th rowspan="3">Helped Success</th><th colspan="4">Q5: Are you a domestic or international student at Minnesota State, Mankato?</th><th colspan="3"></th></tr>
<tr><th colspan="2">Domestic</th><th colspan="2">International</th><th colspan="3">Total</th></tr>
<tr><th>N</th><th>%</th><th>N</th><th>%</th><th>Diff. %</th><th>N</th><th>%</th></tr>
<tr><td rowspan="11">Q10: What helped you succeed in your courses during Fall 2020 and before? Check all that apply.</td><td>Textbooks and courses readings</td><td>659</td><td>53.1%</td><td>43</td><td>61.4%</td><td>8.3%</td><td>702</td><td>53.6%</td></tr>
<tr><td>Course assignments</td><td>726</td><td>58.5%</td><td>44</td><td>62.9%</td><td>4.4%</td><td>770</td><td>58.8%</td></tr>
<tr><td>A variety of activities and assignments</td><td>611</td><td>49.3%</td><td>32</td><td>45.7%</td><td>3.6%</td><td>643</td><td>49.1%</td></tr>
<tr><td>Course syllabus</td><td>887</td><td>71.5%</td><td>41</td><td>58.6%</td><td>12.9%</td><td>928</td><td>70.8%</td></tr>
<tr><td>Technology tools used for class (e.g., D2L, Office 365)</td><td>799</td><td>64.4%</td><td>42</td><td>60.0%</td><td>4.4%</td><td>841</td><td>64.2%</td></tr>
<tr><td>Study guides</td><td>721</td><td>58.1%</td><td>33</td><td>47.1%</td><td>11.0%</td><td>754</td><td>57.6%</td></tr>
<tr><td>Course videos</td><td>651</td><td>52.5%</td><td>35</td><td>50.0%</td><td>2.5%</td><td>686</td><td>52.4%</td></tr>
<tr><td>Instructor engagement and accessibility</td><td>896</td><td>72.3%</td><td>38</td><td>54.3%</td><td>18.0%</td><td>934</td><td>71.3%</td></tr>
<tr><td>Other</td><td>67</td><td>5.4%</td><td>3</td><td>4.3%</td><td>1.1%</td><td>70</td><td>5.3%</td></tr>
<tr><td>Did not respond</td><td>89</td><td>6.7%</td><td>11</td><td>13.6%</td><td>6.9%</td><td>122</td><td>8.5%</td></tr>
<tr><td>Total</td><td>1240</td><td>100%</td><td>70</td><td>100%</td><td>-</td><td>1310</td><td>100%</td></tr>
</table>

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Hindered Success		Q5: Are you a domestic or international student at Minnesota State, Mankato?						
		Domestic		International		Total		
		N	%	N	%	Diff. %	N	%
Q11: What hindered your success in your online courses during Spring 2020 and Fall? Check all that apply.	Instructor knowledge about teaching online	639	51.5%	25	35.7%	15.8%	664	50.7%
	Instructor engagement with students	557	44.9%	20	28.6%	16.3%	577	44.0%
	Faculty knowledge and use of technology (e.g., D2L, Zoom, lecture videos)	594	47.9%	16	22.9%	25.0%	610	46.6%
	Communication with instructors through email, D2L, or other forms of technology	574	46.3%	24	34.3%	12.0%	598	45.6%
	Access to technology (e.g., internet, computers, software)	320	25.8%	18	25.7%	0.1%	338	25.8%
	Access to instructional resources (e.g., textbooks and reading materials)	304	24.5%	24	34.3%	9.8%	328	25.0%
	Financial resources	278	22.4%	19	27.1%	4.7%	297	22.7%
	Other	188	15.2%	10	14.3%	0.9%	198	15.1%
	Did not respond	89	6.7%	11	13.6%	6.9%	122	8.5%
	Total	1240	100%	70	100%	-	1310	100%

Needed Support Resources		Q5: Are you a domestic or international student at Minnesota State, Mankato?						
		Domestic		International		Total		
		N	%	N	%	Diff. %	N	%
Q12: What resources or support will you need from Minnesota State, Mankato to be successful moving forward? Check all that apply.	Access to internet	436	36.7%	27	43.5%	6.8%	463	37.1%
	Access to a computer or other device	180	15.2%	13	21.0%	5.8%	193	15.%
	Access to library resources	422	35.6%	34	54.8%	19.2%	456	36.5%
	Advising meetings	433	36.5%	19	30.6%	5.9%	452	36.2%
	Health services	238	20.1%	25	40.3%	20.2%	263	21.1%
	Accessibility resources	203	17.1%	11	17.7%	0.6%	214	17.1%
	Employment on campus	220	18.5%	30	48.4%	29.9%	250	20.0%
	MavPASS	183	15.4%	14	22.6%	7.2%	197	15.8%
	Tutoring services	339	28.6%	24	38.7%	10.1%	363	29.1%
	Other	183	15.4%	3	4.8%	10.6%	186	14.9%
	Did not respond	142	10.7%	19	23.5%	12.8%	183	12.8%
	Total	1187	100%	62	100%	-	1249	100%

Instructors Use of Class Time		Q5: Are you a domestic or international student at Minnesota State, Mankato?						
		Domestic		International		Total		
		N	%	N	%	Diff. %	N	%
Q17: How would you like to see your instructors use class time in an online or hybrid teaching environment?	Pre-recorded lectures	430	36.5%	21	34.4%	2.1%	451	36.4%
	Live Zoom sessions with lecture	390	33.1%	23	37.7%	4.6%	413	33.4%
	Live Zoom sessions with discussion	197	16.7%	8	13.1%	3.6%	205	16.6%
	Breakout rooms for discussion	30	2.5%	5	8.2%	5.7%	35	2.8%
	Projects or activities	65	5.5%	1	1.6%	3.9%	66	5.3%
	Other	65	5.5%	3	4.9%	0.6%	68	5.5%
	Total	1177	100%	61	100%	-	1238	100%

Course Structure		Q5: Are you a domestic or international student at Minnesota State, Mankato?						
		Domestic		International		Total		
		N	%	N	%	Diff. %	N	%
Q18: How would you like to see your courses structured next semester (Spring 2021)? Check all that apply.	Instructor-led lectures	1005	86.6%	49	81.7%	4.9%	1054	86.3%
	Student presentations	118	10.2%	7	11.7%	1.5%	125	10.2%
	Student discussions	411	35.4%	23	38.3%	2.9%	434	35.5%
	Student projects	299	25.8%	22	36.7%	10.9%	321	26.3%
	Homework assignments	641	55.2%	40	66.7%	11.5%	681	55.8%
	Other	79	6.8%	1	1.7%	5.1%	80	6.6%
	Did not respond	168	12.6%	21	25.9%	13.3%	211	14.7%
	Total	1161	100%	60	100%	-	1221	100%

Critical Components of D2L		Q5: Are you a domestic or international student at Minnesota State, Mankato?						
		Domestic		International		Total		
		N	%	N	%	Diff. %	N	%
Q19: What components of D2L are critical for you to learn course material whether in an online or face-to-face course? Check all that apply.	Grades	949	81.7%	39	65.0%	16.7%	988	80.9%
	Content	1062	91.5%	46	76.7%	14.8%	1108	90.7%
	Assignments	1026	88.4%	47	78.3%	10.1%	1073	87.9%
	Calendar	446	38.4%	13	21.7%	16.7%	459	37.6%
	Groups	156	13.4%	10	16.7%	3.3%	166	13.6%
	Rubrics	564	48.6%	14	23.3%	25.3%	578	47.3%
	Class progress	347	29.9%	21	35.0%	5.1%	368	30.1%
	Quizzes	838	72.2%	33	55.0%	17.2%	871	71.3%
	Surveys	255	22.0%	8	13.3%	8.7%	263	21.5%
	Due dates	986	84.9%	39	65.0%	19.9%	1025	83.9%
	Other	36	3.1%	1	1.7%	1.4%	37	3.0%
	Did not respond	168	12.6%	21	25.9%	13.3%	211	14.7%
	Total	1161	100%	60	100%	-	1221	100%

Comfort Level			Q5: Are you a domestic or international student at Minnesota State, Mankato?					
			Domestic		International		Total	
			N	%	N	%	Diff. %	N	%
Q20: Indicate your comfort level with the following tools used in online teaching and courses	D2L	Very Comfortable	807	69.9%	51	85.0%	15.1%	858	70.7%
		Somewhat Comfortable	287	24.9%	8	13.3%	11.6%	295	24.3%
		Unsure	16	1.4%	0	0%	1.4%	16	1.3%
		Somewhat Uncomfortable	34	2.9%	1	1.7%	1.2%	35	2.9%
		Very Uncomfortable	10	0.9%	0	0%	0.9%	10	0.8%
		Total	1154	100%	60	100%	-	1214	100%
	Zoom	Very Comfortable	573	49.7%	28	46.7%	3.0%	601	49.5%
		Somewhat Comfortable	462	40.0%	25	41.7%	1.7%	487	40.1%
		Unsure	47	4.1%	5	8.3%	4.2%	52	4.3%
		Somewhat Uncomfortable	46	4.0%	2	3.3%	0.7%	48	4.0%
		Very Uncomfortable	26	2.3%	0	0%	2.3%	26	2.1%
		Total	1154	100%	60	100%	-	1214	100%

Comfort Level (*cont.*)			Q5: Are you a domestic or international student at Minnesota State, Mankato?						
			Domestic		International		Total		
			N	%	*N*	%	*Diff. %*	*N*	%
Q20: Indicate your comfort level with the following tools used in online teaching and courses	MediaSpace	Very Comfortable	49	4.2%	10	16.7%	12.5%	59	4.9%
		Somewhat Comfortable	97	8.4%	14	23.3%	14.9%	111	9.2%
		Unsure	559	48.5%	28	46.7%	1.8%	587	48.4%
		Somewhat Uncomfortable	118	10.2%	3	5.0%	5.2%	121	10.0%
		Very Uncomfortable	330	28.6%	5	8.3%	20.3%	335	27.6%
		Total	1153	100%	60	100%	-	1213	100%
	MavPass	Very Comfortable	86	7.5%	10	16.7%	9.2%	96	7.9%
		Somewhat Comfortable	137	11.9%	13	21.7%	9.8%	150	12.4%
		Unsure	567	49.2%	29	48.3%	0.9%	596	49.1%
		Somewhat Uncomfortable	115	10.0%	5	8.3%	1.7%	120	9.9%
		Very Uncomfortable	248	21.5%	3	5.0%	16.5%	251	20.7%
		Total	1153	100%	60	100%	-	1213	100%

Comfort Level (*cont.*)			Q5: Are you a domestic or international student at Minnesota State, Mankato?						
			Domestic		International		Total		
			N	%	*N*	%	*Diff. %*	*N*	%
Q20: Indicate your comfort level with the following tools used in online teaching and courses	Library Services	Very Comfortable	163	14.1%	14	23.3%	9.2%	177	14.6%
		Somewhat Comfortable	410	35.5%	20	33.3%	2.2%	430	35.4%
		Unsure	362	31.4%	21	35.0%	3.6%	383	31.5%
		Somewhat Uncomfortable	132	11.4%	3	5.0%	6.4%	135	11.1%
		Very Uncomfortable	87	7.5%	2	3.3%	4.2%	89	7.3%
		Total	1154	100%	60	100%	-	1214	100%

Results by Survey Part

Data by Part 1 and Part 2

Helped Success		Survey 1 (Summer) vs. Survey 2 (Fall)					Total	
		Summer		Fall			Total	
		N	%	N	%	Diff. %	N	%
Q10: What helped you succeed in your courses during Fall 2020 and before? Check all that apply.	Textbooks and courses readings	1115	38.6%	702	53.6%	15.0%	1817	43.2%
	Course assignments	1379	47.7%	770	58.8%	11.1%	2149	51.1%
	A variety of activities and assignments	1186	41.0%	643	49.1%	8.1%	1829	43.5%
	Course syllabus	1779	61.5%	928	70.8%	9.3%	2707	64.4%
	Technology tools used for class (e.g., D2L, Office 365)	1894	65.5%	841	64.2%	1.3%	2735	65.1%
	Study guides	1685	58.3%	754	57.6%	0.7%	2439	58.0%
	Course videos	1693	58.5%	686	52.4%	6.1%	2379	56.6%
	Instructor engagement and accessibility	1964	67.9%	934	71.3%	3.4%	2898	69.0%
	Other	201	7.0%	70	5.3%	1.7%	271	6.4%
	Did not respond	831	22.3%	122	8.5%	13.8%	953	22.7%
	Total	2892	100%	1310	100%	-	4202	100%

Hindered Success		Survey 1 (Summer) vs. Survey 2 (Fall)						
		Summer		Fall		Total		
		N	%	N	%	Diff. %	N	%
Q11: What hindered your success in your online courses during Spring 2020 and Fall? Check all that apply.	Instructor knowledge about teaching online	1312	48.7%	664	50.7%	2.0%	1976	49.3%
	Instructor engagement with students	1267	47.0%	577	44.0%	3.0%	1844	46.0%
	Faculty knowledge and use of technology (e.g., D2L, Zoom, lecture videos)	1086	40.3%	610	46.6%	6.3%	1696	42.3%
	Communication with instructors through email, D2L, or other forms of technology	1290	47.9%	598	45.6%	2.3%	1888	47.1%
	Access to technology (e.g., internet, computers, software)	735	27.3%	338	25.8%	1.5%	1073	26.8%
	Access to instructional resources (e.g., textbooks and reading materials)	735	27.3%	328	25.0%	2.3%	1063	26.5%
	Financial resources	565	21.0%	297	22.7%	1.7%	862	21.5%
	Other	286	10.6%	198	15.1%	4.5%	484	12.1%
	Did not respond	1028	27.6%	122	8.5%	19.1%	1150	28.7%
	Total	2695	100%	1310	100%	-	4005	100%

Needed Support Resources		Survey 1 (Summer) vs. Survey 2 (Fall)						
		Summer		Fall		Total		
		N	%	N	%	Diff. %	N	%
Q12: What resources or support will you need from Minnesota State, Mankato to be successful moving forward? Check all that apply.	Access to internet	1259	50.0%	463	37.1%	12.9%	1722	45.7%
	Access to a computer or other device	620	24.6%	193	15.%	9.6%	813	21.6%
	Access to library resources	1479	58.7%	456	36.5%	22.2%	1935	51.4%
	Advising meetings	1283	51.0%	452	36.2%	14.8%	1735	46.1%
	Health services	748	29.7%	263	21.1%	8.6%	1011	26.8%
	Accessibility resources	593	23.6%	214	17.1%	6.5%	807	21.4%
	Employment on campus	819	32.5%	250	20.0%	12.5%	1069	28.4%
	MavPASS	449	17.8%	197	15.8%	2.0%	646	17.1%
	Tutoring services	864	34.3%	363	29.1%	5.2%	1227	32.6%
	Other	183	7.3%	186	14.9%	7.6%	369	9.8%
	Did not respond	1205	32.4%	183	12.8%	19.6%	1388	36.8%
	Total	2518	100%	1249	100%		3767	100%

Instructors Use of Class Time		Survey 1 (Summer) vs. Survey 2 (Fall)						
		Summer		Fall		Total		
		N	%	*N*	%	*Diff. %*	*N*	%
Q17: How would you like to see your instructors use class time in an online or hybrid teaching environment?	Pre-recorded lectures	1534	52.9%	451	36.4%	16.5%	1985	48.0%
	Live Zoom sessions with lecture	551	19.0%	413	33.4%	14.4%	964	23.3%
	Live Zoom sessions with discussion	386	13.3%	205	16.6%	3.3%	591	14.3%
	Breakout rooms for discussion	100	3.4%	35	2.8%	0.6%	135	3.3%
	Projects or activities	195	6.7%	66	5.3%	1.4%	261	6.3%
	Other	134	4.6%	68	5.5%	0.9%	202	4.9%
	Total	2900	100%	1238	100%	-	4138	100%

Course Structure		Survey 1 (Summer) vs. Survey 2 (Fall)						
		Summer		Fall		Total		
		N	*%*	*N*	*%*	*Diff. %*	*N*	*%*
Q18: How would you like to see your courses structured next semester (Spring 2021)? Check all that apply.	Instructor-led lectures	2550	88.3%	1054	86.3%	2.0%	3604	87.7%
	Student presentations	249	8.6%	125	10.2%	0.6%	374	9.1%
	Student discussions	954	33.0%	434	35.5%	2.5%	1388	33.8%
	Student projects	766	26.5%	321	26.3%	0.2%	1087	26.4%
	Homework assignments	1775	61.4%	681	55.8%	5.6%	2456	59.8%
	Other	96	3.3%	80	6.6%	3.3%	176	4.3%
	Did not respond	834	22.4%	211	14.7%	7.7%	1045	25.4%
	Total	2889	100%	1221	100%		4110	100%

Critical Components of D2L		Survey 1 (Summer) vs. Survey 2 (Fall)						
		Summer		Fall		Total		
		N	%	N	%	Diff. %	N	%
Q19: What components of D2L are critical for you to learn course material whether in an online or face-to-face course? Check all that apply.	Grades	2456	85.0%	988	80.9%	4.1%	3444	83.8%
	Content	2495	86.4%	1108	90.7%	4.3%	3603	87.7%
	Assignments	2493	86.3%	1073	87.9%	1.6%	3566	86.8%
	Calendar	1104	38.2%	459	37.6%	0.6%	1563	38.0%
	Groups	387	13.4%	166	13.6%	0.2%	553	13.5%
	Rubrics	1478	51.2%	578	47.3%	3.9%	2056	50.0%
	Class progress	886	30.7%	368	30.1%	0.6%	1254	30.5%
	Quizzes	1895	65.6%	871	71.3%	5.7%	2766	67.3%
	Surveys	640	22.2%	263	21.5%	0.7%	903	22.0%
	Due dates	2323	80.4%	1025	83.9%	3.5%	3348	81.5%
	Other	66	2.3%	37	3.0%	0.7%	103	2.5%
	Did not respond	835	22.4%	211	14.7%	7.7%	1046	25.5%
	Total	2888	100%	1221	100%	-	4109	100%

Comfort Level			Survey 1 (Summer) vs. Survey 2 (Fall)						
			Summer		Fall		Total		
			N	%	N	%	Diff. %	N	%
Q20: Indicate your comfort level with the following tools used in online teaching and courses	D2L	Very Comfortable	2171	74.8%	858	70.7%	4.1%	3029	73.7%
		Somewhat Comfortable	532	18.3%	295	24.3%	6.0%	827	20.1%
		Unsure	107	3.7%	16	1.3%	2.4%	123	3.0%
		Somewhat Uncomfortable	54	1.9%	35	2.9%	1.0%	89	2.2%
		Very Uncomfortable	37	1.3%	10	0.8%	0.5%	47	1.1%
		Total	2901	100%	1214	100%	-	4115	100%
	Zoom	Very Comfortable	1051	36.3%	601	49.5%	13.2%	1652	40.2%
		Somewhat Comfortable	1172	40.5%	487	40.1%	0.4%	1659	40.4%
		Unsure	269	9.3%	52	4.3%	5.0%	321	7.8%
		Somewhat Uncomfortable	277	7.8%	48	4.0%	3.8%	325	7.9%
		Very Uncomfortable	177	6.1%	26	2.1%	4.0%	203	4.9%
		Total	2896	100%	1214	100%	-	4110	100%

Comfort Level (*cont.*)			Survey 1 (Summer) vs. Survey 2 (Fall)					
			Summer		Fall		Total	
			N	%	N	%	Diff. %	N	%
Q20: Indicate your comfort level with the following tools used in online teaching and courses	MediaSpace	Very Comfortable	123	4.3%	59	4.9%	0.6%	182	4.4%
		Somewhat Comfortable	213	7.4%	111	9.2%	1.8%	324	7.9%
		Unsure	1511	52.5%	587	48.4%	4.1%	2098	51.2%
		Somewhat Uncomfortable	281	9.8%	121	10.0%	0.2%	402	9.8%
		Very Uncomfortable	752	26.1%	335	27.6%	1.5%	1087	26.5%
		Total	2880	100%	1213	100%	-	4093	100%
	MavPass	Very Comfortable	170	5.9%	96	7.9%	2.0%	266	6.5%
		Somewhat Comfortable	310	10.8%	150	12.4%	1.6%	460	11.2%
		Unsure	1570	54.5%	596	49.1%	5.4%	2166	52.9%
		Somewhat Uncomfortable	272	9.4%	120	9.9%	0.5%	392	9.6%
		Very Uncomfortable	561	19.5%	251	20.7%	1.2%	812	19.8%
		Total	2883	100%	1213	100%	-	4096	100%

Comfort Level (*cont.*)			Survey 1 (Summer) vs. Survey 2 (Fall)						
			Summer		Fall		Total		
			N	%	*N*	%	*Diff. %*	*N*	%
Q20: Indicate your comfort level with the following tools used in online teaching and courses	Library Services	Very Comfortable	603	20.9%	177	14.6%	6.3%	780	19.0%
		Somewhat Comfortable	1163	40.2%	430	35.4%	4.8%	1593	38.8%
		Unsure	765	26.5%	383	31.5%	5.0%	1148	28.0%
		Somewhat Uncomfortable	236	8.2%	135	11.1%	2.9%	371	9.0%
		Very Uncomfortable	124	4.3%	89	7.3%	3.0%	213	5.2%
		Total	2891	100%	1214	100%	-	4105	100.0%