



FOOTHILL COLLEGE

Institutional Research and Planning

DATE: November 7, 2016

TO: Accreditation Steering Committee

FROM: Elaine Kuo, Interim Director, Equity Programs
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RE: Disaggregation of Institutional Learning Outcomes 2016

Overview

The student accreditation survey was developed collaboratively by the Foothill and De Anza Institutional Research and Planning offices. The survey was finalized with the Foothill Office of Instruction and Institutional Research, and approved by the Planning and Resource Council (PaRC) in Spring 2016 prior to administration. General announcements about the survey were made in May 2016 Fusion.

Institutional Learning Outcomes (ILOs) questions were incorporated into the student accreditation survey. In prior years, the same ILOs questions were added and assessed in the 2012 and 2014 Community College Survey of Student Engagement (CCSSE). The college's ILOs focus on four broad areas of development that include:

- Communication;
- Computation;
- Critical Thinking; and
- Community.

All students who were enrolled in spring quarter were sent an email invite with the survey link embedded. Out of roughly 14,000 students, 301 students completed the survey.

This memo disaggregates the ILOs responses by ethnicity, gender, age and instructional method to determine if there are any differences within these groups.

Highlights

Institutional learning outcome statements where respondents reported their experience at Foothill has contributed very much or quite a bit to their knowledge, skills and personal development include:

- Learning effectively on your own (72%)
- Thinking critically and analytically (68%)
- Interpreting ideas or issues thoughtfully (64%)

Outcomes where fewer students responded very much or quite a bit include:

- Applying computational skills in making decisions (48%)
- Solving numerical problems (48%)
- Feeling connected to the larger community (47%)
- Contributing to the welfare of your community (44%)

Demographics

- There was a higher proportion of female respondents than compared to the spring 2016 student population, 64% vs. 52%, and a lower proportion of male respondents, 30% vs. 47%.
- White students were more represented in the survey than compared to the spring population (38% vs. 31%). Conversely, African American and Latino students were underrepresented (15% vs. 27%).
- Students ages 19 to 24 represented the majority of respondents (41%), with those ages 25 to 29 composing the second largest group (20%). The spring student population is primarily represented by those between the ages of 20 and 29 (59%).
- Students who reported all or most of their course enrollment is online represented 29% of all respondents. The online only student population represented about 27% of all spring enrollment, while students enrolled in face-to-face and hybrid courses represented 51%.

Communication

Ethnicity

Note: Disproportionately impacted groups comprise of African American, Latino/a and Filipino/Pacific Islander; Other groups consist of Asian and white students.

- A higher percentage of disproportionately impacted groups (71%) than other groups (47%) indicated their ability to communicate their opinion/viewpoint clearly increased very much/quite a bit. [Question 1a.]
- A higher percentage of disproportionately impacted groups (72%) than other groups (52%) felt their ability to write clearly and effectively increased very much/quite a bit. [Question 2a.]
- A higher percentage of disproportionately impacted groups (76%) than other groups (43%) felt their ability to speak clearly and effectively increased very much/quite a bit. [Question 3a.]

Gender

- A higher percentage of males (62%) felt their ability to communicate their opinion/viewpoint clearly increased very much/quite a bit than compared to females (53%). [Question 1b.]

Age

- A higher percentage of respondents below the age of 25 (53%) felt their ability to speak clearly and effectively increased very much/quite a bit than compared to respondents age 25 or above (46%). [Question 3c.]

Instructional Method

- A higher percentage of respondents who are primarily enrolled in face-to-face courses (59%) felt their ability to communicate their opinion/viewpoint clearly increased very much/quite a bit than compared to respondents who are primarily enrolled in online courses (45%). [Question 1d.]

- A higher percentage of respondents who are primarily enrolled in face-to-face courses (53%) felt their ability to speak clearly and effectively increased very much/quite a bit than compared to respondents who are primarily enrolled in online courses (40%). [Question 3d.]

Computation

Ethnicity

- A higher percentage of disproportionately impacted groups (78%) than other groups (55%) felt their ability to solve problems increased very much/quite a bit. [Question 4a.]

Gender

- A higher percentage of males (54%) than females (47%) felt their ability to apply computational skills in making decisions increased very much/quite a bit. [Question 5b.]
- A higher percentage of males (62%) felt their ability to use computing and information technology increased very much/quite a bit than compared to females (49%). [Question 7b.]

Instructional Method

- A higher percentage of face-to face student respondents (63%) felt their ability to solve problems increased very much/quite a bit than compared to online student respondents (53%). [Question 4d.]
- A higher percentage of online student respondents (54%) felt their ability to apply computational skills in making decisions increased very much/quite a bit than compared to face-to-face student respondents (45%). [Question 5d.]

Critical Thinking

Ethnicity

- A higher percentage of disproportionately impacted groups (69%) than other groups (48%) felt their ability to synthesize information from various formats into a single product increased very much/quite a bit. [Question 9a.]
- A higher percentage of disproportionately impacted groups (81%) than other groups (64%) felt their ability to think critically and analytically increased very much/quite a bit. Question [11a.]

Gender

- A higher percentage of males (69%) felt their ability to interpret ideas or issues thoughtfully increased very much/quite a bit than compared to females (63%). [Question 8b.]
- A higher percentage of males (72%) felt their ability to think critically and analytically increased very much/quite a bit than compared to females (65%). [Question 11b.]

Age

- A higher percentage of respondents below the age of 25 (69%) felt their ability to interpret ideas or issues thoughtfully increased very much/quite a bit than compared to respondents age 25 or above (59%). [Question 8c.]
- A higher percentage of respondents below the age of 25 (72%) felt their ability to think critically and analytically increased very much/quite a bit than compared to respondents age 25 or above (63%). [Question 11c.]

Instructional Method

- A higher percentage of face-to-face student respondents (66%) felt their ability to interpret ideas or issues thoughtfully increased very much/quite a bit than compared to online student respondents (60%). [Question 8d.]

Community

Ethnicity

- A higher percentage of disproportionately impacted groups (67%) than other groups (42%) felt their ability to feel connected to the larger community increased very much/quite a bit. [Question 12a.]
- A larger amount of disproportionately impacted groups (81%) felt their ability to work effectively with others increased very much/quite a bit than compared to other groups (52%). [Question 14a.]
- A higher percentage of disproportionately impacted groups (79%) felt their ability to understand themselves increased very much/quite a bit than compared to other groups (54%). [Question 15a.]
- A higher percentage of disproportionately impacted groups (74%) than other groups (50%) felt their ability to understand people of other racial and ethnic backgrounds increased very much/quite a bit. [Question 16a.]
- A higher percentage of disproportionately impacted groups (64%) than other groups (40%) felt their ability to contribute to the welfare of their community increased very much/quite a bit. [Question 17a.]

Gender

- A higher percentage of males (51%) felt their ability to feel connected to the larger community increased very much/quite a bit than compared to females (45%). [Question 12b.]
- A higher percentage of males (51%) than females (42%) felt their ability to contribute to the welfare of their community increased very much/quite a bit. [Question 17b.]

Age

- A higher percentage of respondents age 25 or above (50%) felt their ability to feel connected to the larger community increased very much/quite a bit than compared to respondents below the age of 25 (41%). [Question 12c.]
- A higher percentage of respondents below the age of 25 (68%) felt their ability to value different perspectives and viewpoints increased very much/quite a bit than compared to respondents age 25 or above (57%). [Question 13c.]
- A higher percentage of respondents below the age of 25 (62%) felt their ability to work effectively with others increased very much/quite a bit than compared to respondents age 25 or above (55%). [Question 14c.]

Instructional Method

- A higher percentage of face-to-face/hybrid student respondents (50%) felt their ability to feel connected to the larger community increased very much/quite a bit than compared to online student respondents (37%). [Question 12d.]
- A higher percentage of face-to-face/hybrid student respondents (64%) felt their ability to value different perspectives and viewpoints increased very much/quite a bit than compared to online student respondents (37%). [Question 13d.]
- A higher percentage of face-to-face/hybrid student respondents (66%) felt their ability to work effectively with others increased very much/quite a bit than compared to online student respondents (42%). [Question 14d.]
- A higher percentage of face-to-face/hybrid student respondents (48%) felt their ability to contribute to the welfare of their community increased very much/quite a bit than compared to online student respondents (36%). [Question 15d.]

- A higher percentage of face-to-face/hybrid student respondents (60%) felt their ability to understand themselves increased very much/quite a bit than compared to online student respondents (45%). [*Question 17d.*]

Methodology

The student accreditation survey was developed using Remark survey software and was administered between May 24, 2016 and June 24, 2016. Students were sent an email invitation by the Marketing and Public Relations Department with an embedded survey link. Incentives were offered in the form of 20 bookstore certificates (\$30/each) that were raffled off to those who participated in the survey.

A sample of the student responses for the ILOs were analyzed to determine whether their answers were significant in that they were not occurring by chance; for example, all the responses by ethnicity were significant at $p > 0.05$ and $p > 0.01$.

The Institutional Learning Outcomes (ILOs) were previously assessed in Spring 2012 and 2014 using the Community College Survey of Student Engagement (CCSSE), which does favor full-time students enrolled in face-to-face courses. The Spring 2014 administration yielded 1,044 responses (55% response rate). See <https://prezi.com/wqvn4g0ifxaw/assessing/> for additional information.

Sources

FHDA IR&P, Student Accreditation Survey [Remark Survey]
CCCCO Datamart, Term Student Count Report [Spring 2016]

Communication

1. How much has your experience at this college increased your ability to communicate your opinion/viewpoint clearly?

1.a.Ethnicity	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
African American/Black	1	17%	4	67%	1	17%	0	0%	0	0%	0	0%	6	100%
Asian	21	25%	26	31%	23	27%	7	8%	8	9%	0	0%	85	100%
Decline to State	8	35%	10	43%	3	13%	1	4%	1	4%	0	0%	23	100%
Filipino/Pacific Islander	4	31%	3	23%	6	46%	0	0%	0	0%	0	0%	13	100%
Latino/a	22	56%	7	18%	3	8%	4	10%	3	8%	0	0%	39	100%
Native American	0	0%	1	33%	1	33%	0	0%	1	33%	0	0%	3	100%
Other	4	27%	7	47%	2	13%	1	7%	0	0%	1	7%	15	100%
White	20	18%	25	22%	37	33%	20	18%	10	9%	0	0%	112	100%
Unreported	0	0%	2	40%	2	40%	0	0%	0	0%	1	20%	5	100%

1.b.Gender	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Decline to State	1	20%	3	60%	1	20%	0	0%	0	0%	0	0%	5	100%
Female	56	25%	60	27%	62	28%	25	11%	17	8%	0	0%	220	100%
Male	22	34%	18	28%	13	20%	6	9%	6	9%	0	0%	65	100%
Non-binary Gender	0	0%	3	60%	1	20%	1	20%	0	0%	0	0%	5	100%
Other	1	50%	0	0%	0	0%	0	0%	0	0%	1	50%	2	100%
Trans	0	0%	0	0%	0	0%	1	100%	0	0%	0	0%	1	100%
Unreported	0	0%	1	33%	1	33%	0	0%	0	0%	1	33%	3	100%

1.c.Age	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
18 or younger	5	21%	7	29%	9	38%	1	4%	2	8%	0	0%	24	100%
19-24	32	26%	37	30%	36	29%	15	12%	4	3%	0	0%	124	100%
25-29	16	27%	14	23%	18	30%	7	12%	5	8%	0	0%	60	100%
30-34	7	35%	3	15%	4	20%	4	20%	2	10%	0	0%	20	100%
35-39	4	19%	9	43%	3	14%	3	14%	2	10%	0	0%	21	100%
40-49	7	39%	6	33%	1	6%	1	6%	3	17%	0	0%	18	100%
50 and over	9	28%	8	25%	7	22%	5	16%	2	6%	1	3%	32	100%
Unreported	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%

1.d. Instructional Method	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Online	23	26%	17	19%	28	31%	12	13%	9	10%	0	0%	89	100%
Not Online	57	27%	67	32%	50	24%	21	10%	14	7%	1	0%	210	100%

2. How much has your experience at this college increased your ability to write clearly and effectively?

2.a.Ethnicity	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	African American/Black	1	17%	3	50%	0	0%	2	33%	0	0%	0	0%	6
Asian	21	25%	25	29%	23	27%	5	6%	10	12%	1	1%	85	100%
Decline to State	9	39%	7	30%	2	9%	2	9%	3	13%	0	0%	23	100%
Filipino/Pacific Islander	3	23%	5	38%	4	31%	0	0%	1	8%	0	0%	13	100%
Latino/a	20	51%	10	26%	4	10%	3	8%	2	5%	0	0%	39	100%
Native American	0	0%	2	67%	0	0%	1	33%	0	0%	0	0%	3	100%
Other	4	27%	4	27%	4	27%	2	13%	0	0%	1	7%	15	100%
White	25	22%	31	28%	22	20%	21	19%	12	11%	1	1%	112	100%
Unreported	0	0%	4	80%	0	0%	0	0%	0	0%	1	20%	5	100%

2.b.Gender	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Decline to State	2	40%	0	0%	1	20%	1	20%	1	20%	0	0%	5
Female	58	26%	69	31%	44	20%	26	12%	21	10%	2	1%	220	100%
Male	22	34%	16	25%	13	20%	8	12%	6	9%	0	0%	65	100%
Non-binary Gender	1	20%	3	60%	0	0%	1	20%	0	0%	0	0%	5	100%
Other	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%
Trans	0	0%	0	0%	1	100%	0	0%	0	0%	0	0%	1	100%
Unreported	0	0%	2	67%	0	0%	0	0%	0	0%	1	33%	3	100%

2.c.Age	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	18 or younger	7	29%	6	25%	5	21%	5	21%	1	4%	0	0%	24
19-24	34	27%	36	29%	34	27%	11	9%	9	7%	0	0%	124	100%
25-29	15	25%	20	33%	8	13%	9	15%	6	10%	2	3%	60	100%
30-34	6	30%	6	30%	3	15%	4	20%	1	5%	0	0%	20	100%
35-39	8	38%	6	29%	1	5%	3	14%	3	14%	0	0%	21	100%
40-49	7	39%	6	33%	1	6%	1	6%	3	17%	0	0%	18	100%
50 and over	6	19%	10	31%	7	22%	3	9%	5	16%	1	3%	32	100%
Unreported	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%

2.d. Instructional Method	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Online	24	27%	26	29%	16	18%	12	13%	10	11%	1	1%	89
Not Online	59	28%	64	30%	43	20%	24	11%	18	9%	2	1%	210	100%

3. How much has your experience at this college increased your ability to speak clearly and effectively?

3.a.Ethnicity	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	African American/Black	2	33%	2	33%	2	33%	0	0%	0	0%	0	0%	6
Asian	19	22%	21	25%	27	32%	5	6%	12	14%	1	1%	85	100%
Decline to State	7	30%	5	22%	5	22%	1	4%	5	22%	0	0%	23	100%
Filipino/Pacific Islander	4	31%	6	46%	3	23%	0	0%	0	0%	0	0%	13	100%
Latino/a	17	44%	13	33%	3	8%	4	10%	2	5%	0	0%	39	100%
Native American	0	0%	0	0%	1	33%	1	33%	1	33%	0	0%	3	100%
Other	3	20%	2	13%	6	40%	3	20%	0	0%	1	7%	15	100%
White	15	13%	29	26%	35	31%	20	18%	12	11%	1	1%	112	100%
Unreported	0	0%	4	80%	0	0%	0	0%	0	0%	1	20%	5	100%

3.b.Gender	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Decline to State	1	20%	1	20%	1	20%	0	0%	2	40%	0	0%	5
Female	45	20%	65	30%	63	29%	22	10%	24	11%	1	0%	220	100%
Male	20	31%	14	22%	14	22%	11	17%	5	8%	1	2%	65	100%
Non-binary Gender	1	20%	1	20%	2	40%	1	20%	0	0%	0	0%	5	100%
Other	0	0%	0	0%	1	50%	0	0%	0	0%	1	50%	2	100%
Trans	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	100%
Unreported	0	0%	1	33%	1	33%	0	0%	0	0%	1	33%	3	100%

3.c.Age	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	18 or younger	3	13%	5	21%	9	38%	5	21%	2	8%	0	0%	24
19-24	29	23%	41	33%	31	25%	14	11%	9	7%	0	0%	124	100%
25-29	17	28%	10	17%	22	37%	6	10%	5	8%	0	0%	60	100%
30-34	3	15%	6	30%	3	15%	3	15%	4	20%	1	5%	20	100%
35-39	5	24%	6	29%	3	14%	3	14%	4	19%	0	0%	21	100%
40-49	4	22%	6	33%	2	11%	1	6%	4	22%	1	6%	18	100%
50 and over	6	19%	7	22%	12	38%	2	6%	4	13%	1	3%	32	100%
Unreported	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%

3.d. Instructional Method	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Online	19	21%	17	19%	24	27%	11	12%	17	19%	1	1%	89
Not Online	48	23%	64	30%	58	28%	23	11%	15	7%	2	1%	210	100%

Computation

4. How much has your experience at this college increased your ability to solve problems?

4.a.Ethnicity	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
African American/Black	1	17%	2	33%	3	50%	0	0%	0	0%	0	0%	6	100%
Asian	24	28%	28	33%	21	25%	5	6%	7	8%	0	0%	85	100%
Decline to State	8	35%	4	17%	10	43%	0	0%	1	4%	0	0%	23	100%
Filipino/Pacific Islander	3	23%	7	54%	1	8%	1	8%	1	8%	0	0%	13	100%
Latino/a	19	49%	13	33%	4	10%	3	8%	0	0%	0	0%	39	100%
Native American	1	33%	1	33%	1	33%	0	0%	0	0%	0	0%	3	100%
Other	4	27%	6	40%	2	13%	2	13%	0	0%	1	7%	15	100%
White	19	17%	37	33%	36	32%	13	12%	6	5%	1	1%	112	100%
Unreported	1	20%	2	40%	1	20%	0	0%	0	0%	1	20%	5	100%

4.b.Gender	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Decline to State	3	60%	1	20%	1	20%	0	0%	0	0%	0	0%	5	100%
Female	53	24%	78	35%	56	25%	20	9%	13	6%	0	0%	220	100%
Male	22	34%	17	26%	19	29%	4	6%	2	3%	1	2%	65	100%
Non-binary Gender	2	40%	1	20%	2	40%	0	0%	0	0%	0	0%	5	100%
Other	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%
Trans	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%	1	100%
Unreported	0	0%	1	33%	1	33%	0	0%	0	0%	1	33%	3	100%

4.c.Age	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
18 or younger	2	8%	12	50%	7	29%	2	8%	1	4%	0	0%	24	100%
19-24	34	27%	41	33%	34	27%	10	8%	4	3%	1	1%	124	100%
25-29	22	37%	16	27%	13	22%	5	8%	4	7%	0	0%	60	100%
30-34	6	30%	5	25%	8	40%	1	5%	0	0%	0	0%	20	100%
35-39	6	29%	7	33%	5	24%	1	5%	2	10%	0	0%	21	100%
40-49	4	22%	7	39%	3	17%	1	6%	3	17%	0	0%	18	100%
50 and over	6	19%	11	34%	9	28%	4	13%	1	3%	1	3%	32	100%
Unreported	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%

4.d. Instructional Method	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Online	24	27%	23	26%	27	30%	7	8%	8	9%	0	0%	89	100%
Not Online	56	27%	76	36%	52	25%	17	8%	7	3%	2	1%	210	100%

5. How much has your experience at this college increased your ability to apply computational skills in making decisions?

5.a.Ethnicity	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	African American/Black	1	17%	1	17%	3	50%	0	0%	1	17%	0	0%	6
Asian	22	26%	26	31%	17	20%	5	6%	13	15%	2	2%	85	100%
Decline to State	6	26%	5	22%	5	22%	4	17%	3	13%	0	0%	23	100%
Filipino/Pacific Islander	1	8%	4	31%	2	15%	2	15%	3	23%	1	8%	13	100%
Latino/a	12	31%	11	28%	6	15%	6	15%	4	10%	0	0%	39	100%
Native American	0	0%	1	33%	0	0%	0	0%	2	67%	0	0%	3	100%
Other	2	13%	3	20%	6	40%	2	13%	1	7%	1	7%	15	100%
White	15	13%	32	29%	29	26%	16	14%	20	18%	0	0%	112	100%
Unreported	1	20%	1	20%	0	0%	2	40%	0	0%	1	20%	5	100%

5.b.Gender	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Decline to State	1	20%	0	0%	1	20%	1	20%	1	20%	1	20%	5
Female	37	17%	66	30%	48	22%	31	14%	36	16%	2	1%	220	100%
Male	22	34%	13	20%	16	25%	5	8%	9	14%	0	0%	65	100%
Non-binary Gender	0	0%	1	20%	3	60%	0	0%	1	20%	0	0%	5	100%
Other	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%
Trans	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%	1	100%
Unreported	0	0%	2	67%	0	0%	0	0%	0	0%	1	33%	3	100%

5.c.Age	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	18 or younger	4	17%	7	29%	3	13%	3	13%	6	25%	1	4%	24
19-24	25	20%	39	31%	27	22%	18	15%	13	10%	2	2%	124	100%
25-29	15	25%	16	27%	16	27%	7	12%	6	10%	0	0%	60	100%
30-34	5	25%	8	40%	5	25%	0	0%	2	10%	0	0%	20	100%
35-39	5	24%	3	14%	8	38%	1	5%	4	19%	0	0%	21	100%
40-49	3	17%	4	22%	2	11%	2	11%	7	39%	0	0%	18	100%
50 and over	3	9%	6	19%	7	22%	6	19%	9	28%	1	3%	32	100%
Unreported	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%

5.d. Instructional Method	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Online	20	22%	28	31%	19	21%	8	9%	14	16%	0	0%	89
Not Online	40	19%	55	26%	49	23%	29	14%	33	16%	4	2%	210	100%

6. How much has your experience at this college increased your ability to solve numerical problems?

6.a.Ethnicity	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	African American/Black	0	0%	3	50%	3	50%	0	0%	0	0%	0	0%	6
Asian	22	26%	29	34%	15	18%	9	11%	10	12%	0	0%	85	100%
Decline to State	6	26%	4	17%	5	22%	3	13%	5	22%	0	0%	23	100%
Filipino/Pacific Islander	4	31%	4	31%	2	15%	1	8%	2	15%	0	0%	13	100%
Latino/a	17	44%	6	15%	5	13%	6	15%	5	13%	0	0%	39	100%
Native American	1	33%	1	33%	0	0%	0	0%	1	33%	0	0%	3	100%
Other	2	13%	6	40%	4	27%	2	13%	0	0%	1	7%	15	100%
White	13	12%	23	21%	25	22%	24	21%	27	24%	0	0%	112	100%
Unreported	0	0%	3	60%	1	20%	0	0%	0	0%	1	20%	5	100%

6.b.Gender	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Decline to State	2	40%	2	40%	0	0%	1	20%	0	0%	0	0%	5
Female	44	20%	57	26%	47	21%	34	15%	38	17%	0	0%	220	100%
Male	16	25%	16	25%	12	18%	9	14%	12	18%	0	0%	65	100%
Non-binary Gender	1	20%	2	40%	1	20%	1	20%	0	0%	0	0%	5	100%
Other	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%
Trans	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	1	100%
Unreported	1	33%	1	33%	0	0%	0	0%	0	0%	1	33%	3	100%

6.c.Age	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	18 or younger	3	13%	8	33%	8	33%	3	13%	2	8%	0	0%	24
19-24	26	21%	42	34%	23	19%	19	15%	14	11%	0	0%	124	100%
25-29	20	33%	11	18%	12	20%	12	20%	5	8%	0	0%	60	100%
30-34	5	25%	8	40%	4	20%	2	10%	1	5%	0	0%	20	100%
35-39	5	24%	5	24%	4	19%	1	5%	6	29%	0	0%	21	100%
40-49	2	11%	2	11%	3	17%	2	11%	9	50%	0	0%	18	100%
50 and over	4	13%	2	6%	6	19%	6	19%	13	41%	1	3%	32	100%
Unreported	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%

6.d. Instructional Method	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Online	16	18%	22	25%	19	21%	11	12%	21	24%	0	0%	89
Not Online	49	23%	56	27%	41	20%	34	16%	29	14%	1	0%	210	100%

7. How much has your experience at this college increased your ability to use computing and information technology?

7.a.Ethnicity	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	African American/Black	0	0%	2	33%	2	33%	0	0%	2	33%	0	0%	6
Asian	22	26%	29	34%	18	21%	4	5%	12	14%	0	0%	85	100%
Decline to State	7	30%	4	17%	7	30%	3	13%	2	9%	0	0%	23	100%
Filipino/Pacific Islander	4	31%	3	23%	2	15%	1	8%	3	23%	0	0%	13	100%
Latino/a	16	41%	7	18%	9	23%	2	5%	5	13%	0	0%	39	100%
Native American	1	33%	1	33%	0	0%	0	0%	1	33%	0	0%	3	100%
Other	2	13%	5	33%	4	27%	3	20%	0	0%	1	7%	15	100%
White	21	19%	29	26%	18	16%	28	25%	15	13%	1	1%	112	100%
Unreported	0	0%	2	40%	0	0%	1	20%	1	20%	1	20%	5	100%

7.b.Gender	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Decline to State	1	20%	1	20%	1	20%	1	20%	1	20%	0	0%	5
Female	44	20%	63	29%	44	20%	33	15%	35	16%	1	0%	220	100%
Male	26	40%	14	22%	14	22%	6	9%	5	8%	0	0%	65	100%
Non-binary Gender	0	0%	3	60%	1	20%	1	20%	0	0%	0	0%	5	100%
Other	1	50%	0	0%	0	0%	0	0%	0	0%	1	50%	2	100%
Trans	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	1	100%
Unreported	0	0%	1	33%	0	0%	1	33%	0	0%	1	33%	3	100%

7.c.Age	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	18 or younger	3	13%	6	25%	6	25%	2	8%	7	29%	0	0%	24
19-24	33	27%	37	30%	21	17%	21	17%	12	10%	0	0%	124	100%
25-29	16	27%	13	22%	14	23%	7	12%	10	17%	0	0%	60	100%
30-34	6	30%	5	25%	7	35%	1	5%	1	5%	0	0%	20	100%
35-39	5	24%	6	29%	4	19%	3	14%	2	10%	1	5%	21	100%
40-49	3	17%	7	39%	3	17%	2	11%	3	17%	0	0%	18	100%
50 and over	7	22%	7	22%	5	16%	6	19%	6	19%	1	3%	32	100%
Unreported	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%

7.d. Instructional Method	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Online	27	30%	28	31%	19	21%	7	8%	7	8%	1	1%	89
Not Online	46	22%	53	25%	41	20%	35	17%	34	16%	1	0%	210	100%

Critical Thinking

8. How much has your experience at this college increased your ability to interpret ideas or issues thoughtfully?

8.a.Ethnicity	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
African American/Black	1	17%	5	83%	0	0%	0	0%	0	0%	0	0%	6	100%
Asian	25	29%	26	31%	22	26%	5	6%	7	8%	0	0%	85	100%
Decline to State	11	48%	6	26%	5	22%	1	4%	0	0%	0	0%	23	100%
Filipino/Pacific Islander	4	31%	5	38%	3	23%	1	8%	0	0%	0	0%	13	100%
Latino/a	15	38%	13	33%	5	13%	2	5%	4	10%	0	0%	39	100%
Native American	0	0%	2	67%	1	33%	0	0%	0	0%	0	0%	3	100%
Other	9	60%	1	7%	3	20%	1	7%	0	0%	1	7%	15	100%
White	30	27%	36	32%	34	30%	7	6%	5	4%	0	0%	112	100%
Unreported	0	0%	3	60%	0	0%	1	20%	0	0%	1	20%	5	100%

8.b.Gender	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Decline to State	2	40%	1	20%	2	40%	0	0%	0	0%	0	0%	5	100%
Female	67	30%	71	32%	54	25%	16	7%	12	5%	0	0%	220	100%
Male	23	35%	22	34%	14	22%	2	3%	4	6%	0	0%	65	100%
Non-binary Gender	2	40%	2	40%	1	20%	0	0%	0	0%	0	0%	5	100%
Other	1	50%	0	0%	0	0%	0	0%	0	0%	1	50%	2	100%
Trans	0	0%	0	0%	1	100%	0	0%	0	0%	0	0%	1	100%
Unreported	0	0%	1	33%	1	33%	0	0%	0	0%	1	33%	3	100%

8.c.Age	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
18 or younger	7	29%	10	42%	4	17%	2	8%	1	4%	0	0%	24	100%
19-24	41	33%	44	35%	27	22%	9	7%	3	2%	0	0%	124	100%
25-29	20	33%	16	27%	17	28%	3	5%	4	7%	0	0%	60	100%
30-34	5	25%	7	35%	5	25%	1	5%	2	10%	0	0%	20	100%
35-39	7	33%	4	19%	8	38%	1	5%	1	5%	0	0%	21	100%
40-49	7	39%	5	28%	1	6%	3	17%	2	11%	0	0%	18	100%
50 and over	8	25%	10	31%	9	28%	1	3%	3	9%	1	3%	32	100%
Unreported	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%

8.d. Instructional Method	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Online	31	35%	22	25%	23	26%	6	7%	7	8%	0	0%	89	100%
Not Online	64	30%	74	35%	50	24%	12	6%	9	4%	1	0%	210	100%

9. How much has your experience at this college increased your ability to synthesize information from various formats into a single product?

9.a.Ethnicity	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
African American/Black	1	17%	4	67%	0	0%	1	17%	0	0%	0	0%	6	100%
Asian	16	19%	27	32%	23	27%	7	8%	11	13%	1	1%	85	100%
Decline to State	8	35%	9	39%	3	13%	2	9%	1	4%	0	0%	23	100%
Filipino/Pacific Islander	4	31%	4	31%	3	23%	0	0%	2	15%	0	0%	13	100%
Latino/a	13	33%	14	36%	7	18%	1	3%	4	10%	0	0%	39	100%
Native American	1	33%	0	0%	1	33%	0	0%	1	33%	0	0%	3	100%
Other	6	40%	3	20%	0	0%	3	20%	2	13%	1	7%	15	100%
White	25	22%	26	23%	27	24%	19	17%	15	13%	0	0%	112	100%
Unreported	0	0%	1	20%	1	20%	2	40%	0	0%	1	20%	5	100%

9.b.Gender	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Decline to State	2	40%	2	40%	1	20%	0	0%	0	0%	0	0%	5	100%
Female	53	24%	64	29%	49	22%	25	11%	28	13%	1	0%	220	100%
Male	16	25%	20	31%	14	22%	8	12%	7	11%	0	0%	65	100%
Non-binary Gender	3	60%	0	0%	1	20%	1	20%	0	0%	0	0%	5	100%
Other	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%
Trans	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	100%
Unreported	0	0%	1	33%	0	0%	1	33%	0	0%	1	33%	3	100%

9.c.Age	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
18 or younger	3	13%	9	38%	4	17%	5	21%	3	13%	0	0%	24	100%
19-24	32	26%	39	31%	30	24%	13	10%	9	7%	1	1%	124	100%
25-29	13	22%	19	32%	15	25%	7	12%	6	10%	0	0%	60	100%
30-34	5	25%	5	25%	2	10%	3	15%	5	25%	0	0%	20	100%
35-39	6	29%	5	24%	3	14%	4	19%	3	14%	0	0%	21	100%
40-49	6	33%	5	28%	3	17%	1	6%	3	17%	0	0%	18	100%
50 and over	9	28%	5	16%	8	25%	2	6%	7	22%	1	3%	32	100%
Unreported	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%

9.d. Instructional Method	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Online	25	28%	23	26%	19	21%	8	9%	14	16%	0	0%	89	100%
Not Online	49	23%	64	30%	46	22%	27	13%	22	10%	2	1%	210	100%

10. How much has your experience at this college increased your ability to learn effectively on your own?

10.a.Ethnicity	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	African American/Black	2	33%	3	50%	1	17%	0	0%	0	0%	0	0%	6
Asian	28	33%	28	33%	20	24%	5	6%	4	5%	0	0%	85	100%
Decline to State	15	65%	4	17%	4	17%	0	0%	0	0%	0	0%	23	100%
Filipino/Pacific Islander	6	46%	6	46%	1	8%	0	0%	0	0%	0	0%	13	100%
Latino/a	22	56%	9	23%	4	10%	3	8%	1	3%	0	0%	39	100%
Native American	1	33%	0	0%	0	0%	1	33%	1	33%	0	0%	3	100%
Other	7	47%	3	20%	1	7%	2	13%	1	7%	1	7%	15	100%
White	39	35%	39	35%	20	18%	9	8%	5	4%	0	0%	112	100%
Unreported	2	40%	2	40%	0	0%	0	0%	0	0%	1	20%	5	100%

10.b.Gender	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Decline to State	3	60%	2	40%	0	0%	0	0%	0	0%	0	0%	5
Female	87	40%	71	32%	39	18%	15	7%	8	4%	0	0%	220	100%
Male	28	43%	17	26%	12	18%	4	6%	4	6%	0	0%	65	100%
Non-binary Gender	2	40%	2	40%	0	0%	1	20%	0	0%	0	0%	5	100%
Other	1	50%	0	0%	0	0%	0	0%	0	0%	1	50%	2	100%
Trans	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	1	100%
Unreported	0	0%	2	67%	0	0%	0	0%	0	0%	1	33%	3	100%

10.c.Age	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	18 or younger	8	33%	5	21%	8	33%	2	8%	1	4%	0	0%	24
19-24	56	45%	38	31%	18	15%	10	8%	2	2%	0	0%	124	100%
25-29	21	35%	20	33%	12	20%	4	7%	3	5%	0	0%	60	100%
30-34	11	55%	5	25%	3	15%	0	0%	1	5%	0	0%	20	100%
35-39	8	38%	9	43%	2	10%	1	5%	1	5%	0	0%	21	100%
40-49	8	44%	5	28%	3	17%	1	6%	1	6%	0	0%	18	100%
50 and over	10	31%	11	34%	5	16%	2	6%	3	9%	1	3%	32	100%
Unreported	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%

10.d. Instructional Method	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Online	46	52%	23	26%	14	16%	3	3%	3	3%	0	0%	89
Not Online	76	36%	70	33%	37	18%	17	8%	9	4%	1	0%	210	100%

11. How much has your experience at this college increased your ability to think critically and analytically ?

11.a.Ethnicity	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
African American/Black	2	33%	2	33%	2	33%	0	0%	0	0%	0	0%	6	100%
Asian	31	36%	27	32%	17	20%	3	4%	6	7%	1	1%	85	100%
Decline to State	8	35%	6	26%	8	35%	1	4%	0	0%	0	0%	23	100%
Filipino/Pacific Islander	5	38%	5	38%	2	15%	1	8%	0	0%	0	0%	13	100%
Latino/a	20	51%	13	33%	2	5%	4	10%	0	0%	0	0%	39	100%
Native American	1	33%	0	0%	1	33%	0	0%	1	33%	0	0%	3	100%
Other	7	47%	4	27%	2	13%	1	7%	0	0%	1	7%	15	100%
White	31	28%	37	33%	28	25%	11	10%	4	4%	1	1%	112	100%
Unreported	2	40%	1	20%	1	20%	0	0%	0	0%	1	20%	5	100%

11.b.Gender	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Decline to State	2	40%	1	20%	2	40%	0	0%	0	0%	0	0%	5	100%
Female	74	34%	70	32%	48	22%	18	8%	8	4%	2	1%	220	100%
Male	25	38%	22	34%	12	18%	3	5%	3	5%	0	0%	65	100%
Non-binary Gender	4	80%	0	0%	1	20%	0	0%	0	0%	0	0%	5	100%
Other	1	50%	0	0%	0	0%	0	0%	0	0%	1	50%	2	100%
Trans	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	1	100%
Unreported	0	0%	2	67%	0	0%	0	0%	0	0%	1	33%	3	100%

11.c.Age	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
18 or younger	8	33%	8	33%	4	17%	3	13%	1	4%	0	0%	24	100%
19-24	50	40%	40	32%	22	18%	10	8%	1	1%	1	1%	124	100%
25-29	20	33%	22	37%	12	20%	3	5%	3	5%	0	0%	60	100%
30-34	7	35%	4	20%	7	35%	0	0%	2	10%	0	0%	20	100%
35-39	8	38%	5	24%	6	29%	1	5%	1	5%	0	0%	21	100%
40-49	7	39%	5	28%	3	17%	2	11%	1	6%	0	0%	18	100%
50 and over	7	22%	10	31%	9	28%	2	6%	2	6%	2	6%	32	100%
Unreported	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%

11.d. Instructional Method	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Online	29	33%	25	28%	24	27%	6	7%	5	6%	0	0%	89	100%
Not Online	78	37%	69	33%	39	19%	15	7%	6	3%	3	1%	210	100%

Community

12. How much has your experience at this college increased your ability to feel connected to the larger community?

12.a.Ethnicity	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
African American/Black	2	33%	2	33%	1	17%	0	0%	1	17%	0	0%	6	100%
Asian	20	24%	17	20%	25	29%	16	19%	6	7%	1	1%	85	100%
Decline to State	5	22%	6	26%	6	26%	3	13%	3	13%	0	0%	23	100%
Filipino/Pacific Islander	4	31%	5	38%	2	15%	1	8%	1	8%	0	0%	13	100%
Latino/a	14	36%	12	31%	7	18%	5	13%	1	3%	0	0%	39	100%
Native American	0	0%	2	67%	0	0%	1	33%	0	0%	0	0%	3	100%
Other	1	7%	1	7%	9	60%	2	13%	1	7%	1	7%	15	100%
White	26	23%	19	17%	26	23%	34	30%	7	6%	0	0%	112	100%
Unreported	1	20%	1	20%	0	0%	1	20%	0	0%	2	40%	5	100%

12.b.Gender	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Decline to State	2	40%	0	0%	2	40%	0	0%	1	20%	0	0%	5	100%
Female	54	25%	46	21%	56	25%	47	21%	15	7%	2	1%	220	100%
Male	17	26%	16	25%	16	25%	14	22%	2	3%	0	0%	65	100%
Non-binary Gender	0	0%	1	20%	2	40%	1	20%	1	20%	0	0%	5	100%
Other	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%
Trans	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	100%
Unreported	0	0%	1	33%	0	0%	1	33%	0	0%	1	33%	3	100%

12.c.Age	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
18 or younger	3	13%	3	13%	11	46%	6	25%	1	4%	0	0%	24	100%
19-24	31	25%	24	19%	31	25%	28	23%	9	7%	1	1%	124	100%
25-29	14	23%	15	25%	16	27%	11	18%	3	5%	1	2%	60	100%
30-34	6	30%	4	20%	2	10%	6	30%	2	10%	0	0%	20	100%
35-39	5	24%	3	14%	5	24%	4	19%	4	19%	0	0%	21	100%
40-49	6	33%	6	33%	3	17%	3	17%	0	0%	0	0%	18	100%
50 and over	8	25%	9	28%	8	25%	5	16%	1	3%	1	3%	32	100%
Unreported	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%

12.d. Instructional Method	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Online	17	19%	16	18%	27	30%	18	20%	10	11%	1	1%	89	100%
Not Online	56	27%	48	23%	49	23%	45	21%	10	5%	2	1%	210	100%

13. How much has your experience at this college increased your ability to value different perspectives and viewpoints?

13.a.Ethnicity	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	African American/Black	1	17%	2	33%	3	50%	0	0%	0	0%	0	0%	6
Asian	25	29%	31	36%	18	21%	2	2%	9	11%	0	0%	85	100%
Decline to State	8	35%	8	35%	4	17%	2	9%	0	0%	1	4%	23	100%
Filipino/Pacific Islander	5	38%	4	31%	4	31%	0	0%	0	0%	0	0%	13	100%
Latino/a	22	56%	8	21%	6	15%	2	5%	1	3%	0	0%	39	100%
Native American	2	67%	0	0%	0	0%	1	33%	0	0%	0	0%	3	100%
Other	3	20%	3	20%	5	33%	1	7%	1	7%	2	13%	15	100%
White	32	29%	30	27%	24	21%	18	16%	8	7%	0	0%	112	100%
Unreported	2	40%	1	20%	1	20%	0	0%	0	0%	1	20%	5	100%

13.b.Gender	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Decline to State	2	40%	3	60%	0	0%	0	0%	0	0%	0	0%	5
Female	71	32%	66	30%	47	21%	21	10%	13	6%	2	1%	220	100%
Male	25	38%	15	23%	16	25%	5	8%	4	6%	0	0%	65	100%
Non-binary Gender	1	20%	1	20%	2	40%	0	0%	1	20%	0	0%	5	100%
Other	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%
Trans	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	100%
Unreported	1	33%	1	33%	0	0%	0	0%	0	0%	1	33%	3	100%

13.c.Age	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	18 or younger	8	33%	8	33%	4	17%	3	13%	1	4%	0	0%	24
19-24	41	33%	43	35%	25	20%	10	8%	4	3%	1	1%	124	100%
25-29	17	28%	18	30%	15	25%	5	8%	5	8%	0	0%	60	100%
30-34	9	45%	3	15%	4	20%	2	10%	2	10%	0	0%	20	100%
35-39	6	29%	3	14%	6	29%	3	14%	2	10%	1	5%	21	100%
40-49	9	50%	4	22%	1	6%	2	11%	2	11%	0	0%	18	100%
50 and over	10	31%	7	22%	10	31%	1	3%	3	9%	1	3%	32	100%
Unreported	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%

13.d. Instructional Method	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Online	26	29%	25	28%	20	22%	9	10%	8	9%	1	1%	89
Not Online	74	35%	61	29%	45	21%	17	8%	11	5%	2	1%	210	100%

14. How much has your experience at this college increased your ability to work effectively with others?

14.a.Ethnicity	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
African American/Black	2	33%	2	33%	2	33%	0	0%	0	0%	0	0%	6	100%
Asian	20	24%	25	29%	22	26%	9	11%	8	9%	1	1%	85	100%
Decline to State	7	30%	8	35%	4	17%	3	13%	1	4%	0	0%	23	100%
Filipino/Pacific Islander	5	38%	6	46%	1	8%	1	8%	0	0%	0	0%	13	100%
Latino/a	24	62%	8	21%	3	8%	4	10%	0	0%	0	0%	39	100%
Native American	1	33%	1	33%	1	33%	0	0%	0	0%	0	0%	3	100%
Other	3	20%	4	27%	6	40%	1	7%	0	0%	1	7%	15	100%
White	23	21%	34	30%	32	29%	14	13%	8	7%	1	1%	112	100%
Unreported	1	20%	2	40%	1	20%	0	0%	0	0%	1	20%	5	100%

14.b.Gender	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Decline to State	1	20%	3	60%	1	20%	0	0%	0	0%	0	0%	5	100%
Female	63	29%	69	31%	50	23%	27	12%	9	4%	2	1%	220	100%
Male	21	32%	15	23%	18	28%	4	6%	7	11%	0	0%	65	100%
Non-binary Gender	0	0%	2	40%	2	40%	1	20%	0	0%	0	0%	5	100%
Other	0	0%	0	0%	1	50%	0	0%	0	0%	1	50%	2	100%
Trans	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	100%
Unreported	1	33%	1	33%	0	0%	0	0%	0	0%	1	33%	3	100%

14.c.Age	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
18 or younger	6	25%	9	38%	6	25%	2	8%	1	4%	0	0%	24	100%
19-24	34	27%	43	35%	30	24%	15	12%	2	2%	0	0%	124	100%
25-29	18	30%	15	25%	16	27%	6	10%	3	5%	2	3%	60	100%
30-34	7	35%	3	15%	6	30%	2	10%	2	10%	0	0%	20	100%
35-39	5	24%	5	24%	5	24%	3	14%	3	14%	0	0%	21	100%
40-49	5	28%	6	33%	2	11%	3	17%	2	11%	0	0%	18	100%
50 and over	11	34%	8	25%	7	22%	1	3%	4	13%	1	3%	32	100%
Unreported	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%

14.d. Instructional Method	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Online	19	21%	18	20%	27	30%	12	13%	12	13%	1	1%	89	100%
Not Online	67	32%	71	34%	45	21%	20	10%	5	2%	2	1%	210	100%

15. How much has your experience at this college increased your ability to understand yourself?

15.a.Ethnicity	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
African American/Black	2	33%	1	17%	2	33%	1	17%	0	0%	0	0%	6	100%
Asian	24	28%	25	29%	23	27%	6	7%	7	8%	0	0%	85	100%
Decline to State	8	35%	7	30%	5	22%	1	4%	2	9%	0	0%	23	100%
Filipino/Pacific Islander	7	54%	5	38%	1	8%	0	0%	0	0%	0	0%	13	100%
Latino/a	18	46%	13	33%	6	15%	2	5%	0	0%	0	0%	39	100%
Native American	2	67%	0	0%	0	0%	1	33%	0	0%	0	0%	3	100%
Other	6	40%	1	7%	4	27%	2	13%	1	7%	1	7%	15	100%
White	29	26%	28	25%	26	23%	18	16%	10	9%	1	1%	112	100%
Unreported	2	40%	1	20%	1	20%	0	0%	0	0%	1	20%	5	100%

15.b.Gender	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Decline to State	2	40%	2	40%	0	0%	0	0%	1	20%	0	0%	5	100%
Female	70	32%	57	26%	54	25%	24	11%	14	6%	1	0%	220	100%
Male	23	35%	18	28%	13	20%	7	11%	4	6%	0	0%	65	100%
Non-binary Gender	3	60%	2	40%	0	0%	0	0%	0	0%	0	0%	5	100%
Other	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%
Trans	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	100%
Unreported	0	0%	1	33%	1	33%	0	0%	0	0%	1	33%	3	100%

15.c.Age	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
18 or younger	6	25%	7	29%	7	29%	3	13%	1	4%	0	0%	24	100%
19-24	42	34%	35	28%	27	22%	14	11%	6	5%	0	0%	124	100%
25-29	19	32%	16	27%	14	23%	6	10%	5	8%	0	0%	60	100%
30-34	6	30%	7	35%	3	15%	3	15%	1	5%	0	0%	20	100%
35-39	7	33%	3	14%	7	33%	1	5%	2	10%	1	5%	21	100%
40-49	10	56%	4	22%	0	0%	3	17%	1	6%	0	0%	18	100%
50 and over	8	25%	8	25%	10	31%	1	3%	4	13%	1	3%	32	100%
Unreported	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%

15.d. Instructional Method	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Online	27	30%	18	20%	23	26%	9	10%	11	12%	1	1%	89	100%
Not Online	71	34%	62	30%	45	21%	22	10%	9	4%	1	0%	210	100%

16. How much has your experience at this college increased your ability to understand people of other racial and ethnic backgrounds?

16.a.Ethnicity	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
African American/Black	2	33%	1	17%	2	33%	1	17%	0	0%	0	0%	6	100%
Asian	17	20%	29	34%	21	25%	10	12%	8	9%	0	0%	85	100%
Decline to State	10	43%	3	13%	4	17%	2	9%	4	17%	0	0%	23	100%
Filipino/Pacific Islander	6	46%	4	31%	1	8%	2	15%	0	0%	0	0%	13	100%
Latino/a	20	51%	10	26%	4	10%	3	8%	2	5%	0	0%	39	100%
Native American	0	0%	1	33%	0	0%	0	0%	2	67%	0	0%	3	100%
Other	4	27%	3	20%	4	27%	0	0%	3	20%	1	7%	15	100%
White	22	20%	31	28%	26	23%	18	16%	15	13%	0	0%	112	100%
Unreported	2	40%	1	20%	0	0%	1	20%	0	0%	1	20%	5	100%

16.b.Gender	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Decline to State	2	40%	2	40%	0	0%	0	0%	1	20%	0	0%	5	100%
Female	61	28%	62	28%	46	21%	26	12%	25	11%	0	0%	220	100%
Male	17	26%	16	25%	14	22%	11	17%	7	11%	0	0%	65	100%
Non-binary Gender	1	20%	2	40%	2	40%	0	0%	0	0%	0	0%	5	100%
Other	1	50%	0	0%	0	0%	0	0%	0	0%	1	50%	2	100%
Trans	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	100%
Unreported	1	33%	1	33%	0	0%	0	0%	0	0%	1	33%	3	100%

16.c.Age	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
18 or younger	8	33%	5	21%	6	25%	4	17%	1	4%	0	0%	24	100%
19-24	35	28%	38	31%	29	23%	11	9%	11	9%	0	0%	124	100%
25-29	17	28%	17	28%	14	23%	6	10%	6	10%	0	0%	60	100%
30-34	4	20%	4	20%	4	20%	4	20%	4	20%	0	0%	20	100%
35-39	4	19%	6	29%	5	24%	4	19%	2	10%	0	0%	21	100%
40-49	7	39%	5	28%	1	6%	2	11%	3	17%	0	0%	18	100%
50 and over	8	25%	7	22%	3	9%	6	19%	7	22%	1	3%	32	100%
Unreported	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%

16.d. Instructional Method	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Online	24	27%	16	18%	18	20%	14	16%	17	19%	0	0%	89	100%
Not Online	59	28%	66	31%	44	21%	23	11%	17	8%	1	0%	210	100%

17. How much has your experience at this college increased your ability to contribute to the welfare of your community?

17.a.Ethnicity	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	African American/Black	2	33%	2	33%	1	17%	0	0%	1	17%	0	0%	6
Asian	17	20%	21	25%	20	24%	16	19%	11	13%	0	0%	85	100%
Decline to State	6	26%	1	4%	10	43%	1	4%	5	22%	0	0%	23	100%
Filipino/Pacific Islander	4	31%	4	31%	2	15%	2	15%	1	8%	0	0%	13	100%
Latino/a	14	36%	11	28%	6	15%	3	8%	5	13%	0	0%	39	100%
Native American	0	0%	1	33%	0	0%	0	0%	2	67%	0	0%	3	100%
Other	3	20%	4	27%	4	27%	1	7%	2	13%	1	7%	15	100%
White	12	11%	28	25%	31	28%	24	21%	17	15%	0	0%	112	100%
Unreported	2	40%	1	20%	0	0%	0	0%	1	20%	1	20%	5	100%

17.b.Gender	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Decline to State	1	20%	3	60%	0	0%	0	0%	1	20%	0	0%	5
Female	43	20%	49	22%	56	25%	38	17%	34	15%	0	0%	220	100%
Male	15	23%	18	28%	16	25%	7	11%	9	14%	0	0%	65	100%
Non-binary Gender	1	20%	1	20%	2	40%	1	20%	0	0%	0	0%	5	100%
Other	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%
Trans	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	100%
Unreported	0	0%	1	33%	0	0%	1	33%	0	0%	1	33%	3	100%

17.c.Age	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	18 or younger	6	25%	4	17%	6	25%	4	17%	4	17%	0	0%	24
19-24	23	19%	35	28%	33	27%	22	18%	11	9%	0	0%	124	100%
25-29	15	25%	14	23%	13	22%	11	18%	7	12%	0	0%	60	100%
30-34	3	15%	3	15%	6	30%	3	15%	5	25%	0	0%	20	100%
35-39	3	14%	3	14%	5	24%	3	14%	7	33%	0	0%	21	100%
40-49	5	28%	5	28%	3	17%	2	11%	3	17%	0	0%	18	100%
50 and over	5	16%	8	25%	8	25%	2	6%	8	25%	1	3%	32	100%
Unreported	0	0%	1	50%	0	0%	0	0%	0	0%	1	50%	2	100%

17.d. Instructional Method	Very Much		Quite a bit		Some		Very Little		Don't Know/ Doesn't Apply		Unreported		Column Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Online	15	17%	17	19%	24	27%	13	15%	20	22%	0	0%	89
Not Online	45	21%	55	26%	50	24%	34	16%	25	12%	1	0%	210	100%