

## CIS Department Total

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	124	7	117	102	12	3
#Enrollments	3,193	181	3,012	2,586	345	81
%Success	79.4	88.4	78.9	78.9	76.8	85.2
%Retention	91.5	94.5	91.3	91.3	89.3	100.0

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	3,193	5.7	94.3	81.0	10.8	2.5
<b>Ethnicity</b>						
Asian-Domestic	844	4.7	95.3	83.8	9.5	2.0
Asian-Intl	216	8.3	91.7	72.2	19.0	0.5
African American	88	4.5	95.5	81.8	11.4	2.3
Filipino	196	7.1	92.9	83.2	9.2	0.5
Hispanic	700	5.3	94.7	77.7	12.7	4.3
Native American	0	-	-	-	-	-
Pacific Islander	33	3.0	97.0	87.9	6.1	3.0
White	717	6.6	93.4	81.0	9.3	3.1
Multi Races	257	5.4	94.6	81.3	10.9	2.3
Unrecorded	142	4.2	95.8	88.0	7.0	0.7
<b>Gender</b>						
Female	852	4.0	96.0	85.1	8.5	2.5
Male	2,226	6.5	93.5	78.8	12.1	2.7
Unrecorded	115	2.6	97.4	93.9	3.5	-
<b>Age</b>						
19 or less	1,050	9.2	90.8	72.3	12.8	5.7
20-24	946	6.1	93.9	78.8	14.0	1.2
25-29	436	2.5	97.5	88.1	8.3	1.1
30-34	318	3.1	96.9	89.0	7.5	0.3
35-39	158	2.5	97.5	91.1	5.7	0.6
40-49	165	0.6	99.4	96.4	3.0	-
50+	120	-	100.0	93.3	4.2	2.5
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	104	5.8	94.2	76.0	14.4	3.8
Not disabled	3,089	5.7	94.3	81.2	10.7	2.5
<b>First Generation</b>						
First generation	1,086	4.9	95.1	82.1	10.0	2.9
Not first generation	1,706	6.0	94.0	80.8	10.8	2.4
<b>Income Status</b>						
Low income	583	6.5	93.5	78.0	14.4	1.0
Not low income	2,610	5.5	94.5	81.6	10.0	2.9

#### DEFINITIONS & NOTES

##### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

##### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

##### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

Prepared by the Office of Planning, Research, Innovation, and Effectiveness (PRIE)  
[collegeofsanmateo.edu/prie](http://collegeofsanmateo.edu/prie)

## CIS Department Total (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	79.4	88.4	78.9	78.9	76.8	85.2
<b>Ethnicity</b>						
Asian-Domestic	86.6	87.5	86.6	86.0	90.0	94.1
Asian-Intl	85.4	83.3	85.4	86.5	82.9	0.0
African American	59.5	100.0	59.5	65.3	20.0	50.0
Filipino	69.8	92.9	69.8	68.7	77.8	100.0
Hispanic	67.7	81.1	67.7	67.5	66.3	76.7
Native American		-	-	-	-	-
Pacific Islander	59.4	100.0	59.4	58.6	100.0	0.0
White	81.5	93.6	81.5	81.9	73.1	95.5
Multi Races	84.4	85.7	84.4	83.3	89.3	100.0
Unrecorded	83.8	100.0	83.8	84.0	80.0	100.0
<b>Gender</b>						
Female	80.4	88.2	80.4	79.7	81.9	100.0
Male	78.4	88.2	78.4	78.7	76.2	80.0
Unrecorded	75.0	100.0	75.0	76.9	25.0	-
<b>Age</b>						
19 or less	87.6	90.7	87.6	88.8	81.3	86.7
20-24	77.0	87.9	77.0	77.4	74.2	81.8
25-29	75.1	90.9	75.1	74.0	83.3	100.0
30-34	66.2	80.0	66.2	66.8	58.3	100.0
35-39	76.0	50.0	76.0	77.1	66.7	0.0
40-49	77.4	100.0	77.4	77.4	80.0	-
50+	74.2	-	74.2	74.1	80.0	66.7
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	80.6	83.3	80.6	82.3	73.3	75.0
Not disabled	78.8	88.6	78.8	78.8	77.0	85.7
<b>First Generation</b>						
First generation	72.2	83.0	72.2	72.0	73.4	75.0
Not first generation	83.3	94.2	83.3	83.5	78.8	95.1
<b>Income Status</b>						
Low income	73.6	84.2	73.6	73.6	72.6	83.3
Not low income	80.0	89.5	80.0	80.1	78.2	85.3

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#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

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Students whose parent(s)/guardian(s) did not have a 4-year degree.

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Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.

## CIS Department Total (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	91.5	94.5	91.3	91.3	89.3	100.0
<b>Ethnicity</b>						
Asian-Domestic	93.9	92.5	93.9	93.4	97.5	100.0
Asian-Intl	97.0	100.0	97.0	97.4	95.1	100.0
African American	85.7	100.0	85.7	90.3	50.0	100.0
Filipino	85.7	92.9	85.7	85.3	88.9	100.0
Hispanic	87.5	94.6	87.5	87.7	82.0	100.0
Native American		-	-	-	-	-
Pacific Islander	71.9	100.0	71.9	69.0	100.0	100.0
White	92.4	95.7	92.4	92.3	91.0	100.0
Multi Races	93.4	85.7	93.4	93.3	92.9	100.0
Unrecorded	93.4	100.0	93.4	94.4	80.0	100.0
<b>Gender</b>						
Female	89.0	94.1	89.0	88.7	88.9	100.0
Male	92.4	94.4	92.4	92.6	89.2	100.0
Unrecorded	89.3	100.0	89.3	88.9	100.0	-
<b>Age</b>						
19 or less	95.0	93.8	95.0	95.4	90.3	100.0
20-24	90.2	98.3	90.2	90.3	88.6	100.0
25-29	91.3	90.9	91.3	90.4	100.0	100.0
30-34	86.0	90.0	86.0	86.9	75.0	100.0
35-39	91.6	75.0	91.6	91.7	88.9	100.0
40-49	90.2	100.0	90.2	90.6	80.0	-
50+	85.8	-	85.8	85.7	80.0	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	94.9	83.3	94.9	96.2	86.7	100.0
Not disabled	91.2	94.9	91.2	91.2	89.4	100.0
<b>First Generation</b>						
First generation	89.4	90.6	89.4	89.6	84.4	100.0
Not first generation	92.1	96.1	92.1	91.8	92.4	100.0
<b>Income Status</b>						
Low income	89.2	92.1	89.2	89.9	84.5	100.0
Not low income	91.8	95.1	91.8	91.6	90.8	100.0

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#### Part I: Enrollment & Student Outcomes

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#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

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#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

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## CIS 110 Introduction to CIS (3.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	22	5	17	14	1	2
#Enrollments	597	130	467	394	22	51
%Success	83.6	88.5	82.2	81.7	77.3	88.2
%Retention	96.0	96.9	95.7	95.2	95.5	100.0

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	597	21.8	78.2	66.0	3.7	8.5
<b>Ethnicity</b>						
Asian-Domestic	112	17.9	82.1	68.8	4.5	8.9
Asian-Intl	32	34.4	65.6	62.5	3.1	-
African American	10	40.0	60.0	60.0	-	-
Filipino	42	26.2	73.8	71.4	-	2.4
Hispanic	173	16.8	83.2	68.8	4.6	9.8
Native American	0	-	-	-	-	-
Pacific Islander	5	20.0	80.0	60.0	-	20.0
White	153	26.1	73.9	58.2	3.9	11.8
Multi Races	49	22.4	77.6	67.3	2.0	8.2
Unrecorded	21	14.3	85.7	81.0	4.8	-
<b>Gender</b>						
Female	182	13.7	86.3	75.8	2.2	8.2
Male	402	25.6	74.4	60.9	4.5	9.0
Unrecorded	13	15.4	84.6	84.6	-	-
<b>Age</b>						
19 or less	263	32.7	67.3	46.4	1.5	19.4
20-24	162	17.3	82.7	76.5	6.2	-
25-29	63	9.5	90.5	87.3	3.2	-
30-34	51	11.8	88.2	84.3	3.9	-
35-39	24	12.5	87.5	79.2	8.3	-
40-49	22	4.5	95.5	90.9	4.5	-
50+	12	-	100.0	91.7	8.3	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	18	27.8	72.2	61.1	-	11.1
Not disabled	579	21.6	78.4	66.1	3.8	8.5
<b>First Generation</b>						
First generation	216	15.3	84.7	72.7	3.7	8.3
Not first generation	298	26.5	73.5	59.1	4.4	10.1
<b>Income Status</b>						
Low income	111	20.7	79.3	74.8	4.5	-
Not low income	486	22.0	78.0	64.0	3.5	10.5

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##### % Retention

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##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

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## CIS 110 Introduction to CIS (3.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	83.6	88.5	82.2	81.7	77.3	88.2
<b>Ethnicity</b>						
Asian-Domestic	89.1	90.0	89.1	87.0	100.0	100.0
Asian-Intl	100.0	72.7	100.0	100.0	100.0	-
African American	83.3	100.0	83.3	83.3	-	-
Filipino	83.9	90.9	83.9	83.3	-	100.0
Hispanic	72.2	79.3	72.2	71.4	75.0	76.5
Native American		-	-	-	-	-
Pacific Islander	50.0	100.0	50.0	66.7	-	0.0
White	83.2	95.0	83.2	83.1	50.0	94.4
Multi Races	86.8	90.9	86.8	84.8	100.0	100.0
Unrecorded	94.4	100.0	94.4	94.1	100.0	-
<b>Gender</b>						
Female	80.9	92.0	80.9	79.7	50.0	100.0
Male	82.9	87.4	82.9	82.9	83.3	83.3
Unrecorded	81.8	100.0	81.8	81.8	-	-
<b>Age</b>						
19 or less	88.1	93.0	88.1	88.5	75.0	88.2
20-24	79.9	78.6	79.9	80.6	70.0	-
25-29	70.2	100.0	70.2	70.9	50.0	-
30-34	75.6	83.3	75.6	74.4	100.0	-
35-39	85.7	33.3	85.7	84.2	100.0	-
40-49	90.5	100.0	90.5	90.0	100.0	-
50+	83.3	-	83.3	81.8	100.0	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	84.6	80.0	84.6	81.8	-	100.0
Not disabled	82.2	88.8	82.2	81.7	77.3	87.8
<b>First Generation</b>						
First generation	74.9	84.8	74.9	74.5	75.0	77.8
Not first generation	89.5	94.9	89.5	89.2	76.9	96.7
<b>Income Status</b>						
Low income	70.5	82.6	70.5	71.1	60.0	-
Not low income	85.0	89.7	85.0	84.6	82.4	88.2

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## CIS 110 Introduction to CIS (3.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	96.0	96.9	95.7	95.2	95.5	100.0
<b>Ethnicity</b>						
Asian-Domestic	96.7	100.0	96.7	96.1	100.0	100.0
Asian-Intl	100.0	100.0	100.0	100.0	100.0	-
African American	100.0	100.0	100.0	100.0	-	-
Filipino	93.5	90.9	93.5	93.3	-	100.0
Hispanic	93.8	96.6	93.8	93.3	87.5	100.0
Native American		-	-	-	-	-
Pacific Islander	100.0	100.0	100.0	100.0	-	100.0
White	94.7	97.5	94.7	93.3	100.0	100.0
Multi Races	100.0	90.9	100.0	100.0	100.0	100.0
Unrecorded	100.0	100.0	100.0	100.0	100.0	-
<b>Gender</b>						
Female	94.3	100.0	94.3	94.2	75.0	100.0
Male	96.7	96.1	96.7	95.9	100.0	100.0
Unrecorded	90.9	100.0	90.9	90.9	-	-
<b>Age</b>						
19 or less	99.4	96.5	99.4	99.2	100.0	100.0
20-24	93.3	100.0	93.3	93.5	90.0	-
25-29	93.0	100.0	93.0	92.7	100.0	-
30-34	91.1	100.0	91.1	90.7	100.0	-
35-39	95.2	66.7	95.2	94.7	100.0	-
40-49	95.2	100.0	95.2	95.0	100.0	-
50+	100.0	-	100.0	100.0	100.0	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	80.0	100.0	100.0	-	100.0
Not disabled	95.6	97.6	95.6	95.0	95.5	100.0
<b>First Generation</b>						
First generation	92.9	97.0	92.9	92.4	87.5	100.0
Not first generation	97.3	97.5	97.3	96.6	100.0	100.0
<b>Income Status</b>						
Low income	95.5	95.7	95.5	96.4	80.0	-
Not low income	95.8	97.2	95.8	94.9	100.0	100.0

### DEFINITIONS & NOTES

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## CIS 111 Intro to Web Programming (3.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	3	0	3	3	0	0
#Enrollments	73	0	73	73	0	0
%Success	82.2	-	82.2	82.2	-	-
%Retention	94.5	-	94.5	94.5	-	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	73	-	100.0	100.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	20	-	100.0	100.0	-	-
Asian-Intl	3	-	100.0	100.0	-	-
African American	2	-	100.0	100.0	-	-
Filipino	6	-	100.0	100.0	-	-
Hispanic	20	-	100.0	100.0	-	-
Native American	0	-	-	-	-	-
Pacific Islander	2	-	100.0	100.0	-	-
White	8	-	100.0	100.0	-	-
Multi Races	8	-	100.0	100.0	-	-
Unrecorded	4	-	100.0	100.0	-	-
<b>Gender</b>						
Female	21	-	100.0	100.0	-	-
Male	48	-	100.0	100.0	-	-
Unrecorded	4	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	29	-	100.0	100.0	-	-
20-24	9	-	100.0	100.0	-	-
25-29	10	-	100.0	100.0	-	-
30-34	7	-	100.0	100.0	-	-
35-39	4	-	100.0	100.0	-	-
40-49	8	-	100.0	100.0	-	-
50+	6	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	2	-	100.0	100.0	-	-
Not disabled	71	-	100.0	100.0	-	-
<b>First Generation</b>						
First generation	23	-	100.0	100.0	-	-
Not first generation	45	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	10	-	100.0	100.0	-	-
Not low income	63	-	100.0	100.0	-	-

#### DEFINITIONS & NOTES

##### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

##### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

##### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

Prepared by the Office of Planning, Research, Innovation, and Effectiveness (PRIE)  
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## CIS 111 Intro to Web Programming (3.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	82.2	-	82.2	82.2	-	-
<b>Ethnicity</b>						
Asian-Domestic	90.0	-	90.0	90.0	-	-
Asian-Intl	66.7	-	66.7	66.7	-	-
African American	50.0	-	50.0	50.0	-	-
Filipino	83.3	-	83.3	83.3	-	-
Hispanic	75.0	-	75.0	75.0	-	-
Native American		-	-	-	-	-
Pacific Islander	50.0	-	50.0	50.0	-	-
White	75.0	-	75.0	75.0	-	-
Multi Races	100.0	-	100.0	100.0	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	76.2	-	76.2	76.2	-	-
Male	87.5	-	87.5	87.5	-	-
Unrecorded	50.0	-	50.0	50.0	-	-
<b>Age</b>						
19 or less	79.3	-	79.3	79.3	-	-
20-24	66.7	-	66.7	66.7	-	-
25-29	100.0	-	100.0	100.0	-	-
30-34	100.0	-	100.0	100.0	-	-
35-39	75.0	-	75.0	75.0	-	-
40-49	75.0	-	75.0	75.0	-	-
50+	83.3	-	83.3	83.3	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	-	-
Not disabled	81.7	-	81.7	81.7	-	-
<b>First Generation</b>						
First generation	73.9	-	73.9	73.9	-	-
Not first generation	86.7	-	86.7	86.7	-	-
<b>Income Status</b>						
Low income	70.0	-	70.0	70.0	-	-
Not low income	84.1	-	84.1	84.1	-	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

Prepared by the Office of Planning, Research, Innovation, and Effectiveness (PRIE)  
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## CIS 111 Intro to Web Programming (3.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	94.5	-	94.5	94.5	-	-
<b>Ethnicity</b>						
Asian-Domestic	95.0	-	95.0	95.0	-	-
Asian-Intl	100.0	-	100.0	100.0	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino	83.3	-	83.3	83.3	-	-
Hispanic	95.0	-	95.0	95.0	-	-
Native American		-	-	-	-	-
Pacific Islander	100.0	-	100.0	100.0	-	-
White	87.5	-	87.5	87.5	-	-
Multi Races	100.0	-	100.0	100.0	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	85.7	-	85.7	85.7	-	-
Male	97.9	-	97.9	97.9	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	96.6	-	96.6	96.6	-	-
20-24	88.9	-	88.9	88.9	-	-
25-29	100.0	-	100.0	100.0	-	-
30-34	100.0	-	100.0	100.0	-	-
35-39	75.0	-	75.0	75.0	-	-
40-49	87.5	-	87.5	87.5	-	-
50+	100.0	-	100.0	100.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	-	-
Not disabled	94.4	-	94.4	94.4	-	-
<b>First Generation</b>						
First generation	91.3	-	91.3	91.3	-	-
Not first generation	95.6	-	95.6	95.6	-	-
<b>Income Status</b>						
Low income	80.0	-	80.0	80.0	-	-
Not low income	96.8	-	96.8	96.8	-	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.

## CIS 114 JavaScript/Ajax Programming (4.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Total	Distance Modes		
				Online	Hybrid	Synchronous
#Sections	4	0	4	4	0	0
#Enrollments	84	0	84	84	0	0
%Success	64.3	-	64.3	64.3	-	-
%Retention	95.2	-	95.2	95.2	-	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	84	-	100.0	100.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	20	-	100.0	100.0	-	-
Asian-Intl	2	-	100.0	100.0	-	-
African American	4	-	100.0	100.0	-	-
Filipino	3	-	100.0	100.0	-	-
Hispanic	21	-	100.0	100.0	-	-
Native American	0	-	-	-	-	-
Pacific Islander	1	-	100.0	100.0	-	-
White	18	-	100.0	100.0	-	-
Multi Races	7	-	100.0	100.0	-	-
Unrecorded	8	-	100.0	100.0	-	-
<b>Gender</b>						
Female	18	-	100.0	100.0	-	-
Male	56	-	100.0	100.0	-	-
Unrecorded	10	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	8	-	100.0	100.0	-	-
20-24	14	-	100.0	100.0	-	-
25-29	21	-	100.0	100.0	-	-
30-34	19	-	100.0	100.0	-	-
35-39	7	-	100.0	100.0	-	-
40-49	6	-	100.0	100.0	-	-
50+	9	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	5	-	100.0	100.0	-	-
Not disabled	79	-	100.0	100.0	-	-
<b>First Generation</b>						
First generation	30	-	100.0	100.0	-	-
Not first generation	40	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	15	-	100.0	100.0	-	-
Not low income	69	-	100.0	100.0	-	-

#### DEFINITIONS & NOTES

##### Overview of Data

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##### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

##### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

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## CIS 114 JavaScript/Ajax Programming (4.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	64.3	-	64.3	64.3	-	-
<b>Ethnicity</b>						
Asian-Domestic	65.0	-	65.0	65.0	-	-
Asian-Intl	50.0	-	50.0	50.0	-	-
African American	25.0	-	25.0	25.0	-	-
Filipino	0.0	-	0.0	0.0	-	-
Hispanic	52.4	-	52.4	52.4	-	-
Native American		-	-	-	-	-
Pacific Islander	0.0	-	0.0	0.0	-	-
White	94.4	-	94.4	94.4	-	-
Multi Races	100.0	-	100.0	100.0	-	-
Unrecorded	50.0	-	50.0	50.0	-	-
<b>Gender</b>						
Female	66.7	-	66.7	66.7	-	-
Male	60.7	-	60.7	60.7	-	-
Unrecorded	80.0	-	80.0	80.0	-	-
<b>Age</b>						
19 or less	87.5	-	87.5	87.5	-	-
20-24	57.1	-	57.1	57.1	-	-
25-29	61.9	-	61.9	61.9	-	-
30-34	57.9	-	57.9	57.9	-	-
35-39	57.1	-	57.1	57.1	-	-
40-49	66.7	-	66.7	66.7	-	-
50+	77.8	-	77.8	77.8	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	80.0	-	80.0	80.0	-	-
Not disabled	63.3	-	63.3	63.3	-	-
<b>First Generation</b>						
First generation	63.3	-	63.3	63.3	-	-
Not first generation	72.5	-	72.5	72.5	-	-
<b>Income Status</b>						
Low income	66.7	-	66.7	66.7	-	-
Not low income	63.8	-	63.8	63.8	-	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

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The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

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Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

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## CIS 114 JavaScript/Ajax Programming (4.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	95.2	-	95.2	95.2	-	-
<b>Ethnicity</b>						
Asian-Domestic	90.0	-	90.0	90.0	-	-
Asian-Intl	100.0	-	100.0	100.0	-	-
African American	75.0	-	75.0	75.0	-	-
Filipino	100.0	-	100.0	100.0	-	-
Hispanic	100.0	-	100.0	100.0	-	-
Native American		-	-	-	-	-
Pacific Islander	0.0	-	0.0	0.0	-	-
White	100.0	-	100.0	100.0	-	-
Multi Races	100.0	-	100.0	100.0	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	88.9	-	88.9	88.9	-	-
Male	96.4	-	96.4	96.4	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	100.0	-	100.0	100.0	-	-
20-24	100.0	-	100.0	100.0	-	-
25-29	90.5	-	90.5	90.5	-	-
30-34	94.7	-	94.7	94.7	-	-
35-39	100.0	-	100.0	100.0	-	-
40-49	83.3	-	83.3	83.3	-	-
50+	100.0	-	100.0	100.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	-	-
Not disabled	94.9	-	94.9	94.9	-	-
<b>First Generation</b>						
First generation	93.3	-	93.3	93.3	-	-
Not first generation	97.5	-	97.5	97.5	-	-
<b>Income Status</b>						
Low income	86.7	-	86.7	86.7	-	-
Not low income	97.1	-	97.1	97.1	-	-

### DEFINITIONS & NOTES

#### Overview of Data

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Displays comparative demographic *aggregated success and retention* data.

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Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.

## CIS 117 Python Programming (4.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	10	0	10	10	0	0
#Enrollments	278	0	278	278	0	0
%Success	76.3	-	76.3	76.3	-	-
%Retention	91.0	-	91.0	91.0	-	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	278	-	100.0	100.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	96	-	100.0	100.0	-	-
Asian-Intl	11	-	100.0	100.0	-	-
African American	8	-	100.0	100.0	-	-
Filipino	13	-	100.0	100.0	-	-
Hispanic	59	-	100.0	100.0	-	-
Native American	0	-	-	-	-	-
Pacific Islander	4	-	100.0	100.0	-	-
White	51	-	100.0	100.0	-	-
Multi Races	27	-	100.0	100.0	-	-
Unrecorded	9	-	100.0	100.0	-	-
<b>Gender</b>						
Female	88	-	100.0	100.0	-	-
Male	177	-	100.0	100.0	-	-
Unrecorded	13	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	95	-	100.0	100.0	-	-
20-24	54	-	100.0	100.0	-	-
25-29	36	-	100.0	100.0	-	-
30-34	32	-	100.0	100.0	-	-
35-39	19	-	100.0	100.0	-	-
40-49	25	-	100.0	100.0	-	-
50+	17	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	6	-	100.0	100.0	-	-
Not disabled	272	-	100.0	100.0	-	-
<b>First Generation</b>						
First generation	86	-	100.0	100.0	-	-
Not first generation	165	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	40	-	100.0	100.0	-	-
Not low income	238	-	100.0	100.0	-	-

#### DEFINITIONS & NOTES

##### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

##### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

##### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 117 Python Programming (4.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	76.3	-	76.3	76.3	-	-
<b>Ethnicity</b>						
Asian-Domestic	86.5	-	86.5	86.5	-	-
Asian-Intl	81.8	-	81.8	81.8	-	-
African American	62.5	-	62.5	62.5	-	-
Filipino	69.2	-	69.2	69.2	-	-
Hispanic	57.6	-	57.6	57.6	-	-
Native American		-	-	-	-	-
Pacific Islander	50.0	-	50.0	50.0	-	-
White	78.4	-	78.4	78.4	-	-
Multi Races	88.9	-	88.9	88.9	-	-
Unrecorded	66.7	-	66.7	66.7	-	-
<b>Gender</b>						
Female	79.5	-	79.5	79.5	-	-
Male	73.4	-	73.4	73.4	-	-
Unrecorded	92.3	-	92.3	92.3	-	-
<b>Age</b>						
19 or less	89.5	-	89.5	89.5	-	-
20-24	66.7	-	66.7	66.7	-	-
25-29	66.7	-	66.7	66.7	-	-
30-34	59.4	-	59.4	59.4	-	-
35-39	68.4	-	68.4	68.4	-	-
40-49	76.0	-	76.0	76.0	-	-
50+	94.1	-	94.1	94.1	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	83.3	-	83.3	83.3	-	-
Not disabled	76.1	-	76.1	76.1	-	-
<b>First Generation</b>						
First generation	66.3	-	66.3	66.3	-	-
Not first generation	83.0	-	83.0	83.0	-	-
<b>Income Status</b>						
Low income	57.5	-	57.5	57.5	-	-
Not low income	79.4	-	79.4	79.4	-	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 117 Python Programming (4.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	91.0	-	91.0	91.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	93.8	-	93.8	93.8	-	-
Asian-Intl	100.0	-	100.0	100.0	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino	100.0	-	100.0	100.0	-	-
Hispanic	83.1	-	83.1	83.1	-	-
Native American		-	-	-	-	-
Pacific Islander	50.0	-	50.0	50.0	-	-
White	92.2	-	92.2	92.2	-	-
Multi Races	96.3	-	96.3	96.3	-	-
Unrecorded	77.8	-	77.8	77.8	-	-
<b>Gender</b>						
Female	90.9	-	90.9	90.9	-	-
Male	91.0	-	91.0	91.0	-	-
Unrecorded	92.3	-	92.3	92.3	-	-
<b>Age</b>						
19 or less	92.6	-	92.6	92.6	-	-
20-24	92.6	-	92.6	92.6	-	-
25-29	83.3	-	83.3	83.3	-	-
30-34	90.6	-	90.6	90.6	-	-
35-39	94.7	-	94.7	94.7	-	-
40-49	88.0	-	88.0	88.0	-	-
50+	94.1	-	94.1	94.1	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	-	-
Not disabled	90.8	-	90.8	90.8	-	-
<b>First Generation</b>						
First generation	89.5	-	89.5	89.5	-	-
Not first generation	91.5	-	91.5	91.5	-	-
<b>Income Status</b>						
Low income	85.0	-	85.0	85.0	-	-
Not low income	92.0	-	92.0	92.0	-	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.

## CIS 121 UNIX/Linux (3.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	5	0	5	5	0	0
#Enrollments	102	0	102	102	0	0
%Success	56.9	-	56.9	56.9	-	-
%Retention	85.3	-	85.3	85.3	-	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	102	-	100.0	100.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	19	-	100.0	100.0	-	-
Asian-Intl	4	-	100.0	100.0	-	-
African American	6	-	100.0	100.0	-	-
Filipino	6	-	100.0	100.0	-	-
Hispanic	23	-	100.0	100.0	-	-
Native American	0	-	-	-	-	-
Pacific Islander	1	-	100.0	100.0	-	-
White	30	-	100.0	100.0	-	-
Multi Races	6	-	100.0	100.0	-	-
Unrecorded	7	-	100.0	100.0	-	-
<b>Gender</b>						
Female	19	-	100.0	100.0	-	-
Male	73	-	100.0	100.0	-	-
Unrecorded	10	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	14	-	100.0	100.0	-	-
20-24	20	-	100.0	100.0	-	-
25-29	21	-	100.0	100.0	-	-
30-34	17	-	100.0	100.0	-	-
35-39	8	-	100.0	100.0	-	-
40-49	14	-	100.0	100.0	-	-
50+	8	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	2	-	100.0	100.0	-	-
Not disabled	100	-	100.0	100.0	-	-
<b>First Generation</b>						
First generation	38	-	100.0	100.0	-	-
Not first generation	52	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	21	-	100.0	100.0	-	-
Not low income	81	-	100.0	100.0	-	-

#### DEFINITIONS & NOTES

##### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

##### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

##### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 121 UNIX/Linux (3.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	56.9	-	56.9	56.9	-	-
<b>Ethnicity</b>						
Asian-Domestic	63.2	-	63.2	63.2	-	-
Asian-Intl	75.0	-	75.0	75.0	-	-
African American	50.0	-	50.0	50.0	-	-
Filipino	16.7	-	16.7	16.7	-	-
Hispanic	43.5	-	43.5	43.5	-	-
Native American		-	-	-	-	-
Pacific Islander	0.0	-	0.0	0.0	-	-
White	66.7	-	66.7	66.7	-	-
Multi Races	50.0	-	50.0	50.0	-	-
Unrecorded	85.7	-	85.7	85.7	-	-
<b>Gender</b>						
Female	63.2	-	63.2	63.2	-	-
Male	57.5	-	57.5	57.5	-	-
Unrecorded	40.0	-	40.0	40.0	-	-
<b>Age</b>						
19 or less	64.3	-	64.3	64.3	-	-
20-24	60.0	-	60.0	60.0	-	-
25-29	52.4	-	52.4	52.4	-	-
30-34	47.1	-	47.1	47.1	-	-
35-39	50.0	-	50.0	50.0	-	-
40-49	57.1	-	57.1	57.1	-	-
50+	75.0	-	75.0	75.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	-	-
Not disabled	56.0	-	56.0	56.0	-	-
<b>First Generation</b>						
First generation	50.0	-	50.0	50.0	-	-
Not first generation	61.5	-	61.5	61.5	-	-
<b>Income Status</b>						
Low income	47.6	-	47.6	47.6	-	-
Not low income	59.3	-	59.3	59.3	-	-

### DEFINITIONS & NOTES

#### Overview of Data

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Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 121 UNIX/Linux (3.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	85.3	-	85.3	85.3	-	-
<b>Ethnicity</b>						
Asian-Domestic	89.5	-	89.5	89.5	-	-
Asian-Intl	100.0	-	100.0	100.0	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino	66.7	-	66.7	66.7	-	-
Hispanic	82.6	-	82.6	82.6	-	-
Native American		-	-	-	-	-
Pacific Islander	0.0	-	0.0	0.0	-	-
White	86.7	-	86.7	86.7	-	-
Multi Races	66.7	-	66.7	66.7	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	78.9	-	78.9	78.9	-	-
Male	90.4	-	90.4	90.4	-	-
Unrecorded	60.0	-	60.0	60.0	-	-
<b>Age</b>						
19 or less	85.7	-	85.7	85.7	-	-
20-24	85.0	-	85.0	85.0	-	-
25-29	81.0	-	81.0	81.0	-	-
30-34	82.4	-	82.4	82.4	-	-
35-39	100.0	-	100.0	100.0	-	-
40-49	92.9	-	92.9	92.9	-	-
50+	75.0	-	75.0	75.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	-	-
Not disabled	85.0	-	85.0	85.0	-	-
<b>First Generation</b>						
First generation	89.5	-	89.5	89.5	-	-
Not first generation	84.6	-	84.6	84.6	-	-
<b>Income Status</b>						
Low income	85.7	-	85.7	85.7	-	-
Not low income	85.2	-	85.2	85.2	-	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

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#### Part II: Demographic Profile

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#### Enrollments

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#### % Retention

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#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 124 Foundations of Data Science (4.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	1	0	1	1	0	0
#Enrollments	38	0	38	38	0	0
%Success	57.9	-	57.9	57.9	-	-
%Retention	68.4	-	68.4	68.4	-	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	38	-	100.0	100.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	14	-	100.0	100.0	-	-
Asian-Intl	0	-	-	-	-	-
African American	0	-	-	-	-	-
Filipino	1	-	100.0	100.0	-	-
Hispanic	6	-	100.0	100.0	-	-
Native American	0	-	-	-	-	-
Pacific Islander	0	-	-	-	-	-
White	9	-	100.0	100.0	-	-
Multi Races	6	-	100.0	100.0	-	-
Unrecorded	2	-	100.0	100.0	-	-
<b>Gender</b>						
Female	17	-	100.0	100.0	-	-
Male	19	-	100.0	100.0	-	-
Unrecorded	2	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	9	-	100.0	100.0	-	-
20-24	5	-	100.0	100.0	-	-
25-29	6	-	100.0	100.0	-	-
30-34	7	-	100.0	100.0	-	-
35-39	3	-	100.0	100.0	-	-
40-49	2	-	100.0	100.0	-	-
50+	6	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	0	-	-	-	-	-
Not disabled	38	-	100.0	100.0	-	-
<b>First Generation</b>						
First generation	8	-	100.0	100.0	-	-
Not first generation	28	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	4	-	100.0	100.0	-	-
Not low income	34	-	100.0	100.0	-	-

#### DEFINITIONS & NOTES

##### Overview of Data

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##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 124 Foundations of Data Science (4.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	57.9	-	57.9	57.9	-	-
<b>Ethnicity</b>						
Asian-Domestic	64.3	-	64.3	64.3	-	-
Asian-Intl		-	-	-	-	-
African American		-	-	-	-	-
Filipino	0.0	-	0.0	0.0	-	-
Hispanic	50.0	-	50.0	50.0	-	-
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	66.7	-	66.7	66.7	-	-
Multi Races	66.7	-	66.7	66.7	-	-
Unrecorded	0.0	-	0.0	0.0	-	-
<b>Gender</b>						
Female	58.8	-	58.8	58.8	-	-
Male	57.9	-	57.9	57.9	-	-
Unrecorded	50.0	-	50.0	50.0	-	-
<b>Age</b>						
19 or less	77.8	-	77.8	77.8	-	-
20-24	20.0	-	20.0	20.0	-	-
25-29	83.3	-	83.3	83.3	-	-
30-34	28.6	-	28.6	28.6	-	-
35-39	66.7	-	66.7	66.7	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	50.0	-	50.0	50.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled		-	-	-	-	-
Not disabled	57.9	-	57.9	57.9	-	-
<b>First Generation</b>						
First generation	75.0	-	75.0	75.0	-	-
Not first generation	50.0	-	50.0	50.0	-	-
<b>Income Status</b>						
Low income	0.0	-	0.0	0.0	-	-
Not low income	64.7	-	64.7	64.7	-	-

### DEFINITIONS & NOTES

#### Overview of Data

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#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 124 Foundations of Data Science (4.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	68.4	-	68.4	68.4	-	-
<b>Ethnicity</b>						
Asian-Domestic	64.3	-	64.3	64.3	-	-
Asian-Intl		-	-	-	-	-
African American		-	-	-	-	-
Filipino	0.0	-	0.0	0.0	-	-
Hispanic	50.0	-	50.0	50.0	-	-
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	88.9	-	88.9	88.9	-	-
Multi Races	100.0	-	100.0	100.0	-	-
Unrecorded	0.0	-	0.0	0.0	-	-
<b>Gender</b>						
Female	76.5	-	76.5	76.5	-	-
Male	63.2	-	63.2	63.2	-	-
Unrecorded	50.0	-	50.0	50.0	-	-
<b>Age</b>						
19 or less	88.9	-	88.9	88.9	-	-
20-24	20.0	-	20.0	20.0	-	-
25-29	83.3	-	83.3	83.3	-	-
30-34	57.1	-	57.1	57.1	-	-
35-39	100.0	-	100.0	100.0	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	50.0	-	50.0	50.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled		-	-	-	-	-
Not disabled	68.4	-	68.4	68.4	-	-
<b>First Generation</b>						
First generation	87.5	-	87.5	87.5	-	-
Not first generation	60.7	-	60.7	60.7	-	-
<b>Income Status</b>						
Low income	50.0	-	50.0	50.0	-	-
Not low income	70.6	-	70.6	70.6	-	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.

## CIS 127 HTML5 and CSS (3.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	2	0	2	2	0	0
#Enrollments	44	0	44	44	0	0
%Success	84.1	-	84.1	84.1	-	-
%Retention	95.5	-	95.5	95.5	-	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	44	-	100.0	100.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	13	-	100.0	100.0	-	-
Asian-Intl	0	-	-	-	-	-
African American	2	-	100.0	100.0	-	-
Filipino	4	-	100.0	100.0	-	-
Hispanic	11	-	100.0	100.0	-	-
Native American	0	-	-	-	-	-
Pacific Islander	1	-	100.0	100.0	-	-
White	7	-	100.0	100.0	-	-
Multi Races	1	-	100.0	100.0	-	-
Unrecorded	5	-	100.0	100.0	-	-
<b>Gender</b>						
Female	13	-	100.0	100.0	-	-
Male	30	-	100.0	100.0	-	-
Unrecorded	1	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	7	-	100.0	100.0	-	-
20-24	9	-	100.0	100.0	-	-
25-29	10	-	100.0	100.0	-	-
30-34	5	-	100.0	100.0	-	-
35-39	5	-	100.0	100.0	-	-
40-49	5	-	100.0	100.0	-	-
50+	3	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	2	-	100.0	100.0	-	-
Not disabled	42	-	100.0	100.0	-	-
<b>First Generation</b>						
First generation	19	-	100.0	100.0	-	-
Not first generation	20	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	11	-	100.0	100.0	-	-
Not low income	33	-	100.0	100.0	-	-

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The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

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## CIS 127 HTML5 and CSS (3.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	84.1	-	84.1	84.1	-	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	100.0	100.0	-	-
Asian-Intl		-	-	-	-	-
African American	50.0	-	50.0	50.0	-	-
Filipino	75.0	-	75.0	75.0	-	-
Hispanic	72.7	-	72.7	72.7	-	-
Native American		-	-	-	-	-
Pacific Islander	100.0	-	100.0	100.0	-	-
White	85.7	-	85.7	85.7	-	-
Multi Races	100.0	-	100.0	100.0	-	-
Unrecorded	80.0	-	80.0	80.0	-	-
<b>Gender</b>						
Female	84.6	-	84.6	84.6	-	-
Male	83.3	-	83.3	83.3	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	85.7	-	85.7	85.7	-	-
20-24	88.9	-	88.9	88.9	-	-
25-29	90.0	-	90.0	90.0	-	-
30-34	60.0	-	60.0	60.0	-	-
35-39	80.0	-	80.0	80.0	-	-
40-49	80.0	-	80.0	80.0	-	-
50+	100.0	-	100.0	100.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	-	-
Not disabled	83.3	-	83.3	83.3	-	-
<b>First Generation</b>						
First generation	78.9	-	78.9	78.9	-	-
Not first generation	90.0	-	90.0	90.0	-	-
<b>Income Status</b>						
Low income	72.7	-	72.7	72.7	-	-
Not low income	87.9	-	87.9	87.9	-	-

### DEFINITIONS & NOTES

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#### Enrollments

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#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

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Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

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## CIS 127 HTML5 and CSS (3.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	95.5	-	95.5	95.5	-	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	100.0	100.0	-	-
Asian-Intl		-	-	-	-	-
African American	50.0	-	50.0	50.0	-	-
Filipino	100.0	-	100.0	100.0	-	-
Hispanic	100.0	-	100.0	100.0	-	-
Native American		-	-	-	-	-
Pacific Islander	100.0	-	100.0	100.0	-	-
White	85.7	-	85.7	85.7	-	-
Multi Races	100.0	-	100.0	100.0	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	92.3	-	92.3	92.3	-	-
Male	96.7	-	96.7	96.7	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	100.0	-	100.0	100.0	-	-
20-24	100.0	-	100.0	100.0	-	-
25-29	100.0	-	100.0	100.0	-	-
30-34	80.0	-	80.0	80.0	-	-
35-39	100.0	-	100.0	100.0	-	-
40-49	80.0	-	80.0	80.0	-	-
50+	100.0	-	100.0	100.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	-	-
Not disabled	95.2	-	95.2	95.2	-	-
<b>First Generation</b>						
First generation	94.7	-	94.7	94.7	-	-
Not first generation	95.0	-	95.0	95.0	-	-
<b>Income Status</b>						
Low income	100.0	-	100.0	100.0	-	-
Not low income	93.9	-	93.9	93.9	-	-

### DEFINITIONS & NOTES

#### Overview of Data

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## CIS 128 Mobile Web App Development (4.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	3	0	3	3	0	0
#Enrollments	65	0	65	65	0	0
%Success	61.5	-	61.5	61.5	-	-
%Retention	81.5	-	81.5	81.5	-	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	65	-	100.0	100.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	13	-	100.0	100.0	-	-
Asian-Intl	1	-	100.0	100.0	-	-
African American	2	-	100.0	100.0	-	-
Filipino	4	-	100.0	100.0	-	-
Hispanic	14	-	100.0	100.0	-	-
Native American	0	-	-	-	-	-
Pacific Islander	3	-	100.0	100.0	-	-
White	21	-	100.0	100.0	-	-
Multi Races	3	-	100.0	100.0	-	-
Unrecorded	4	-	100.0	100.0	-	-
<b>Gender</b>						
Female	16	-	100.0	100.0	-	-
Male	44	-	100.0	100.0	-	-
Unrecorded	5	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	6	-	100.0	100.0	-	-
20-24	13	-	100.0	100.0	-	-
25-29	14	-	100.0	100.0	-	-
30-34	14	-	100.0	100.0	-	-
35-39	6	-	100.0	100.0	-	-
40-49	6	-	100.0	100.0	-	-
50+	6	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	1	-	100.0	100.0	-	-
Not disabled	64	-	100.0	100.0	-	-
<b>First Generation</b>						
First generation	24	-	100.0	100.0	-	-
Not first generation	31	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	12	-	100.0	100.0	-	-
Not low income	53	-	100.0	100.0	-	-

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## CIS 128 Mobile Web App Development (4.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	61.5	-	61.5	61.5	-	-
<b>Ethnicity</b>						
Asian-Domestic	69.2	-	69.2	69.2	-	-
Asian-Intl	100.0	-	100.0	100.0	-	-
African American	0.0	-	0.0	0.0	-	-
Filipino	50.0	-	50.0	50.0	-	-
Hispanic	57.1	-	57.1	57.1	-	-
Native American		-	-	-	-	-
Pacific Islander	33.3	-	33.3	33.3	-	-
White	61.9	-	61.9	61.9	-	-
Multi Races	66.7	-	66.7	66.7	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	62.5	-	62.5	62.5	-	-
Male	61.4	-	61.4	61.4	-	-
Unrecorded	60.0	-	60.0	60.0	-	-
<b>Age</b>						
19 or less	100.0	-	100.0	100.0	-	-
20-24	61.5	-	61.5	61.5	-	-
25-29	78.6	-	78.6	78.6	-	-
30-34	42.9	-	42.9	42.9	-	-
35-39	66.7	-	66.7	66.7	-	-
40-49	50.0	-	50.0	50.0	-	-
50+	33.3	-	33.3	33.3	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	-	-
Not disabled	60.9	-	60.9	60.9	-	-
<b>First Generation</b>						
First generation	54.2	-	54.2	54.2	-	-
Not first generation	67.7	-	67.7	67.7	-	-
<b>Income Status</b>						
Low income	83.3	-	83.3	83.3	-	-
Not low income	56.6	-	56.6	56.6	-	-

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## CIS 128 Mobile Web App Development (4.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	81.5	-	81.5	81.5	-	-
<b>Ethnicity</b>						
Asian-Domestic	76.9	-	76.9	76.9	-	-
Asian-Intl	100.0	-	100.0	100.0	-	-
African American	50.0	-	50.0	50.0	-	-
Filipino	75.0	-	75.0	75.0	-	-
Hispanic	92.9	-	92.9	92.9	-	-
Native American		-	-	-	-	-
Pacific Islander	33.3	-	33.3	33.3	-	-
White	85.7	-	85.7	85.7	-	-
Multi Races	66.7	-	66.7	66.7	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	75.0	-	75.0	75.0	-	-
Male	81.8	-	81.8	81.8	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	100.0	-	100.0	100.0	-	-
20-24	84.6	-	84.6	84.6	-	-
25-29	85.7	-	85.7	85.7	-	-
30-34	71.4	-	71.4	71.4	-	-
35-39	83.3	-	83.3	83.3	-	-
40-49	83.3	-	83.3	83.3	-	-
50+	66.7	-	66.7	66.7	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	-	-
Not disabled	81.3	-	81.3	81.3	-	-
<b>First Generation</b>						
First generation	83.3	-	83.3	83.3	-	-
Not first generation	83.9	-	83.9	83.9	-	-
<b>Income Status</b>						
Low income	91.7	-	91.7	91.7	-	-
Not low income	79.2	-	79.2	79.2	-	-

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## CIS 132 Introduction to Databases (3.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	4	0	4	4	0	0
#Enrollments	104	0	104	104	0	0
%Success	76.9	-	76.9	76.9	-	-
%Retention	91.3	-	91.3	91.3	-	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	104	-	100.0	100.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	25	-	100.0	100.0	-	-
Asian-Intl	7	-	100.0	100.0	-	-
African American	3	-	100.0	100.0	-	-
Filipino	4	-	100.0	100.0	-	-
Hispanic	23	-	100.0	100.0	-	-
Native American	0	-	-	-	-	-
Pacific Islander	1	-	100.0	100.0	-	-
White	26	-	100.0	100.0	-	-
Multi Races	4	-	100.0	100.0	-	-
Unrecorded	11	-	100.0	100.0	-	-
<b>Gender</b>						
Female	36	-	100.0	100.0	-	-
Male	62	-	100.0	100.0	-	-
Unrecorded	6	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	16	-	100.0	100.0	-	-
20-24	25	-	100.0	100.0	-	-
25-29	27	-	100.0	100.0	-	-
30-34	12	-	100.0	100.0	-	-
35-39	12	-	100.0	100.0	-	-
40-49	8	-	100.0	100.0	-	-
50+	4	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	3	-	100.0	100.0	-	-
Not disabled	101	-	100.0	100.0	-	-
<b>First Generation</b>						
First generation	38	-	100.0	100.0	-	-
Not first generation	55	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	12	-	100.0	100.0	-	-
Not low income	92	-	100.0	100.0	-	-

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This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

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Displays summaries of total enrollment, numbers of sections offered, retention, and success.

##### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 132 Introduction to Databases (3.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	76.9	-	76.9	76.9	-	-
<b>Ethnicity</b>						
Asian-Domestic	92.0	-	92.0	92.0	-	-
Asian-Intl	71.4	-	71.4	71.4	-	-
African American	66.7	-	66.7	66.7	-	-
Filipino	50.0	-	50.0	50.0	-	-
Hispanic	78.3	-	78.3	78.3	-	-
Native American		-	-	-	-	-
Pacific Islander	0.0	-	0.0	0.0	-	-
White	80.8	-	80.8	80.8	-	-
Multi Races	50.0	-	50.0	50.0	-	-
Unrecorded	63.6	-	63.6	63.6	-	-
<b>Gender</b>						
Female	88.9	-	88.9	88.9	-	-
Male	69.4	-	69.4	69.4	-	-
Unrecorded	83.3	-	83.3	83.3	-	-
<b>Age</b>						
19 or less	93.8	-	93.8	93.8	-	-
20-24	72.0	-	72.0	72.0	-	-
25-29	74.1	-	74.1	74.1	-	-
30-34	66.7	-	66.7	66.7	-	-
35-39	83.3	-	83.3	83.3	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	25.0	-	25.0	25.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	-	-
Not disabled	76.2	-	76.2	76.2	-	-
<b>First Generation</b>						
First generation	78.9	-	78.9	78.9	-	-
Not first generation	80.0	-	80.0	80.0	-	-
<b>Income Status</b>						
Low income	83.3	-	83.3	83.3	-	-
Not low income	76.1	-	76.1	76.1	-	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.

## CIS 132 Introduction to Databases (3.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	91.3	-	91.3	91.3	-	-
<b>Ethnicity</b>						
Asian-Domestic	96.0	-	96.0	96.0	-	-
Asian-Intl	100.0	-	100.0	100.0	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino	75.0	-	75.0	75.0	-	-
Hispanic	95.7	-	95.7	95.7	-	-
Native American		-	-	-	-	-
Pacific Islander	0.0	-	0.0	0.0	-	-
White	92.3	-	92.3	92.3	-	-
Multi Races	50.0	-	50.0	50.0	-	-
Unrecorded	90.9	-	90.9	90.9	-	-
<b>Gender</b>						
Female	91.7	-	91.7	91.7	-	-
Male	91.9	-	91.9	91.9	-	-
Unrecorded	83.3	-	83.3	83.3	-	-
<b>Age</b>						
19 or less	93.8	-	93.8	93.8	-	-
20-24	92.0	-	92.0	92.0	-	-
25-29	92.6	-	92.6	92.6	-	-
30-34	91.7	-	91.7	91.7	-	-
35-39	83.3	-	83.3	83.3	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	75.0	-	75.0	75.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	-	-
Not disabled	91.1	-	91.1	91.1	-	-
<b>First Generation</b>						
First generation	92.1	-	92.1	92.1	-	-
Not first generation	90.9	-	90.9	90.9	-	-
<b>Income Status</b>						
Low income	91.7	-	91.7	91.7	-	-
Not low income	91.3	-	91.3	91.3	-	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 133 NoSQL Databases (3.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	1	0	1	1	0	0
#Enrollments	25	0	25	25	0	0
%Success	76.0	-	76.0	76.0	-	-
%Retention	84.0	-	84.0	84.0	-	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	25	-	100.0	100.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	8	-	100.0	100.0	-	-
Asian-Intl	0	-	-	-	-	-
African American	1	-	100.0	100.0	-	-
Filipino	1	-	100.0	100.0	-	-
Hispanic	6	-	100.0	100.0	-	-
Native American	0	-	-	-	-	-
Pacific Islander	0	-	-	-	-	-
White	5	-	100.0	100.0	-	-
Multi Races	0	-	-	-	-	-
Unrecorded	4	-	100.0	100.0	-	-
<b>Gender</b>						
Female	9	-	100.0	100.0	-	-
Male	15	-	100.0	100.0	-	-
Unrecorded	1	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	3	-	100.0	100.0	-	-
20-24	3	-	100.0	100.0	-	-
25-29	4	-	100.0	100.0	-	-
30-34	6	-	100.0	100.0	-	-
35-39	4	-	100.0	100.0	-	-
40-49	3	-	100.0	100.0	-	-
50+	2	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	0	-	-	-	-	-
Not disabled	25	-	100.0	100.0	-	-
<b>First Generation</b>						
First generation	9	-	100.0	100.0	-	-
Not first generation	13	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	3	-	100.0	100.0	-	-
Not low income	22	-	100.0	100.0	-	-

#### DEFINITIONS & NOTES

##### Overview of Data

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##### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

##### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 133 NoSQL Databases (3.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	76.0	-	76.0	76.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	75.0	-	75.0	75.0	-	-
Asian-Intl		-	-	-	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino	0.0	-	0.0	0.0	-	-
Hispanic	66.7	-	66.7	66.7	-	-
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	100.0	-	100.0	100.0	-	-
Multi Races		-	-	-	-	-
Unrecorded	75.0	-	75.0	75.0	-	-
<b>Gender</b>						
Female	77.8	-	77.8	77.8	-	-
Male	73.3	-	73.3	73.3	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	100.0	-	100.0	100.0	-	-
20-24	100.0	-	100.0	100.0	-	-
25-29	75.0	-	75.0	75.0	-	-
30-34	50.0	-	50.0	50.0	-	-
35-39	100.0	-	100.0	100.0	-	-
40-49	66.7	-	66.7	66.7	-	-
50+	50.0	-	50.0	50.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled		-	-	-	-	-
Not disabled	76.0	-	76.0	76.0	-	-
<b>First Generation</b>						
First generation	66.7	-	66.7	66.7	-	-
Not first generation	84.6	-	84.6	84.6	-	-
<b>Income Status</b>						
Low income	100.0	-	100.0	100.0	-	-
Not low income	72.7	-	72.7	72.7	-	-

### DEFINITIONS & NOTES

#### Overview of Data

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Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

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Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.

## CIS 133 NoSQL Databases (3.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	84.0	-	84.0	84.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	87.5	-	87.5	87.5	-	-
Asian-Intl		-	-	-	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino	0.0	-	0.0	0.0	-	-
Hispanic	83.3	-	83.3	83.3	-	-
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	100.0	-	100.0	100.0	-	-
Multi Races		-	-	-	-	-
Unrecorded	75.0	-	75.0	75.0	-	-
<b>Gender</b>						
Female	77.8	-	77.8	77.8	-	-
Male	86.7	-	86.7	86.7	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	100.0	-	100.0	100.0	-	-
20-24	100.0	-	100.0	100.0	-	-
25-29	100.0	-	100.0	100.0	-	-
30-34	66.7	-	66.7	66.7	-	-
35-39	100.0	-	100.0	100.0	-	-
40-49	66.7	-	66.7	66.7	-	-
50+	50.0	-	50.0	50.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled		-	-	-	-	-
Not disabled	84.0	-	84.0	84.0	-	-
<b>First Generation</b>						
First generation	77.8	-	77.8	77.8	-	-
Not first generation	92.3	-	92.3	92.3	-	-
<b>Income Status</b>						
Low income	100.0	-	100.0	100.0	-	-
Not low income	81.8	-	81.8	81.8	-	-

### DEFINITIONS & NOTES

#### Overview of Data

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#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 135 Android Programming (4.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	1	0	1	1	0	0
#Enrollments	17	0	17	17	0	0
%Success	82.4	-	82.4	82.4	-	-
%Retention	100.0	-	100.0	100.0	-	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	17	-	100.0	100.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	6	-	100.0	100.0	-	-
Asian-Intl	0	-	-	-	-	-
African American	1	-	100.0	100.0	-	-
Filipino	2	-	100.0	100.0	-	-
Hispanic	0	-	-	-	-	-
Native American	0	-	-	-	-	-
Pacific Islander	0	-	-	-	-	-
White	6	-	100.0	100.0	-	-
Multi Races	0	-	-	-	-	-
Unrecorded	2	-	100.0	100.0	-	-
<b>Gender</b>						
Female	3	-	100.0	100.0	-	-
Male	13	-	100.0	100.0	-	-
Unrecorded	1	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	3	-	100.0	100.0	-	-
20-24	1	-	100.0	100.0	-	-
25-29	2	-	100.0	100.0	-	-
30-34	2	-	100.0	100.0	-	-
35-39	4	-	100.0	100.0	-	-
40-49	4	-	100.0	100.0	-	-
50+	1	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	0	-	-	-	-	-
Not disabled	17	-	100.0	100.0	-	-
<b>First Generation</b>						
First generation	6	-	100.0	100.0	-	-
Not first generation	11	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	2	-	100.0	100.0	-	-
Not low income	15	-	100.0	100.0	-	-

#### DEFINITIONS & NOTES

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##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 135 Android Programming (4.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	82.4	-	82.4	82.4	-	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	100.0	100.0	-	-
Asian-Intl		-	-	-	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino	0.0	-	0.0	0.0	-	-
Hispanic		-	-	-	-	-
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	83.3	-	83.3	83.3	-	-
Multi Races		-	-	-	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	100.0	-	100.0	100.0	-	-
Male	76.9	-	76.9	76.9	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	100.0	-	100.0	100.0	-	-
20-24	100.0	-	100.0	100.0	-	-
25-29	50.0	-	50.0	50.0	-	-
30-34	100.0	-	100.0	100.0	-	-
35-39	75.0	-	75.0	75.0	-	-
40-49	75.0	-	75.0	75.0	-	-
50+	100.0	-	100.0	100.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled		-	-	-	-	-
Not disabled	82.4	-	82.4	82.4	-	-
<b>First Generation</b>						
First generation	66.7	-	66.7	66.7	-	-
Not first generation	90.9	-	90.9	90.9	-	-
<b>Income Status</b>						
Low income	50.0	-	50.0	50.0	-	-
Not low income	86.7	-	86.7	86.7	-	-

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Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 135 Android Programming (4.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	100.0	-	100.0	100.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	100.0	100.0	-	-
Asian-Intl		-	-	-	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino	100.0	-	100.0	100.0	-	-
Hispanic		-	-	-	-	-
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	100.0	-	100.0	100.0	-	-
Multi Races		-	-	-	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	100.0	-	100.0	100.0	-	-
Male	100.0	-	100.0	100.0	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	100.0	-	100.0	100.0	-	-
20-24	100.0	-	100.0	100.0	-	-
25-29	100.0	-	100.0	100.0	-	-
30-34	100.0	-	100.0	100.0	-	-
35-39	100.0	-	100.0	100.0	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	100.0	-	100.0	100.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled		-	-	-	-	-
Not disabled	100.0	-	100.0	100.0	-	-
<b>First Generation</b>						
First generation	100.0	-	100.0	100.0	-	-
Not first generation	100.0	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	100.0	-	100.0	100.0	-	-
Not low income	100.0	-	100.0	100.0	-	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 137 iOS/Swift Programming (4.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	2	0	2	2	0	0
#Enrollments	38	0	38	38	0	0
%Success	60.5	-	60.5	60.5	-	-
%Retention	81.6	-	81.6	81.6	-	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	38	-	100.0	100.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	9	-	100.0	100.0	-	-
Asian-Intl	0	-	-	-	-	-
African American	1	-	100.0	100.0	-	-
Filipino	2	-	100.0	100.0	-	-
Hispanic	9	-	100.0	100.0	-	-
Native American	0	-	-	-	-	-
Pacific Islander	1	-	100.0	100.0	-	-
White	12	-	100.0	100.0	-	-
Multi Races	1	-	100.0	100.0	-	-
Unrecorded	3	-	100.0	100.0	-	-
<b>Gender</b>						
Female	8	-	100.0	100.0	-	-
Male	28	-	100.0	100.0	-	-
Unrecorded	2	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	6	-	100.0	100.0	-	-
20-24	10	-	100.0	100.0	-	-
25-29	4	-	100.0	100.0	-	-
30-34	8	-	100.0	100.0	-	-
35-39	5	-	100.0	100.0	-	-
40-49	3	-	100.0	100.0	-	-
50+	2	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	3	-	100.0	100.0	-	-
Not disabled	35	-	100.0	100.0	-	-
<b>First Generation</b>						
First generation	11	-	100.0	100.0	-	-
Not first generation	25	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	8	-	100.0	100.0	-	-
Not low income	30	-	100.0	100.0	-	-

#### DEFINITIONS & NOTES

##### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

##### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

##### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 137 iOS/Swift Programming (4.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	60.5	-	60.5	60.5	-	-
<b>Ethnicity</b>						
Asian-Domestic	77.8	-	77.8	77.8	-	-
Asian-Intl		-	-	-	-	-
African American	0.0	-	0.0	0.0	-	-
Filipino	0.0	-	0.0	0.0	-	-
Hispanic	66.7	-	66.7	66.7	-	-
Native American		-	-	-	-	-
Pacific Islander	0.0	-	0.0	0.0	-	-
White	58.3	-	58.3	58.3	-	-
Multi Races	100.0	-	100.0	100.0	-	-
Unrecorded	66.7	-	66.7	66.7	-	-
<b>Gender</b>						
Female	75.0	-	75.0	75.0	-	-
Male	53.6	-	53.6	53.6	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	83.3	-	83.3	83.3	-	-
20-24	50.0	-	50.0	50.0	-	-
25-29	50.0	-	50.0	50.0	-	-
30-34	62.5	-	62.5	62.5	-	-
35-39	80.0	-	80.0	80.0	-	-
40-49	0.0	-	0.0	0.0	-	-
50+	100.0	-	100.0	100.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	66.7	-	66.7	66.7	-	-
Not disabled	60.0	-	60.0	60.0	-	-
<b>First Generation</b>						
First generation	45.5	-	45.5	45.5	-	-
Not first generation	72.0	-	72.0	72.0	-	-
<b>Income Status</b>						
Low income	37.5	-	37.5	37.5	-	-
Not low income	66.7	-	66.7	66.7	-	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

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## CIS 137 iOS/Swift Programming (4.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	81.6	-	81.6	81.6	-	-
<b>Ethnicity</b>						
Asian-Domestic	88.9	-	88.9	88.9	-	-
Asian-Intl		-	-	-	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino	50.0	-	50.0	50.0	-	-
Hispanic	66.7	-	66.7	66.7	-	-
Native American		-	-	-	-	-
Pacific Islander	100.0	-	100.0	100.0	-	-
White	83.3	-	83.3	83.3	-	-
Multi Races	100.0	-	100.0	100.0	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	87.5	-	87.5	87.5	-	-
Male	78.6	-	78.6	78.6	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	100.0	-	100.0	100.0	-	-
20-24	70.0	-	70.0	70.0	-	-
25-29	100.0	-	100.0	100.0	-	-
30-34	87.5	-	87.5	87.5	-	-
35-39	100.0	-	100.0	100.0	-	-
40-49	0.0	-	0.0	0.0	-	-
50+	100.0	-	100.0	100.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	66.7	-	66.7	66.7	-	-
Not disabled	82.9	-	82.9	82.9	-	-
<b>First Generation</b>						
First generation	72.7	-	72.7	72.7	-	-
Not first generation	84.0	-	84.0	84.0	-	-
<b>Income Status</b>						
Low income	62.5	-	62.5	62.5	-	-
Not low income	86.7	-	86.7	86.7	-	-

### DEFINITIONS & NOTES

#### Overview of Data

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#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

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Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

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Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.

## CIS 138 Internet of Things (3.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	2	0	2	2	0	0
#Enrollments	30	0	30	30	0	0
%Success	90.0	-	90.0	90.0	-	-
%Retention	93.3	-	93.3	93.3	-	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	30	-	100.0	100.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	5	-	100.0	100.0	-	-
Asian-Intl	0	-	-	-	-	-
African American	2	-	100.0	100.0	-	-
Filipino	0	-	-	-	-	-
Hispanic	7	-	100.0	100.0	-	-
Native American	0	-	-	-	-	-
Pacific Islander	0	-	-	-	-	-
White	13	-	100.0	100.0	-	-
Multi Races	0	-	-	-	-	-
Unrecorded	3	-	100.0	100.0	-	-
<b>Gender</b>						
Female	6	-	100.0	100.0	-	-
Male	20	-	100.0	100.0	-	-
Unrecorded	4	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	4	-	100.0	100.0	-	-
20-24	7	-	100.0	100.0	-	-
25-29	6	-	100.0	100.0	-	-
30-34	7	-	100.0	100.0	-	-
35-39	3	-	100.0	100.0	-	-
40-49	1	-	100.0	100.0	-	-
50+	2	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	1	-	100.0	100.0	-	-
Not disabled	29	-	100.0	100.0	-	-
<b>First Generation</b>						
First generation	6	-	100.0	100.0	-	-
Not first generation	20	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	4	-	100.0	100.0	-	-
Not low income	26	-	100.0	100.0	-	-

#### DEFINITIONS & NOTES

##### Overview of Data

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##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

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## CIS 138 Internet of Things (3.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	90.0	-	90.0	90.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	100.0	100.0	-	-
Asian-Intl		-	-	-	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino		-	-	-	-	-
Hispanic	100.0	-	100.0	100.0	-	-
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	76.9	-	76.9	76.9	-	-
Multi Races		-	-	-	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	100.0	-	100.0	100.0	-	-
Male	90.0	-	90.0	90.0	-	-
Unrecorded	75.0	-	75.0	75.0	-	-
<b>Age</b>						
19 or less	100.0	-	100.0	100.0	-	-
20-24	100.0	-	100.0	100.0	-	-
25-29	83.3	-	83.3	83.3	-	-
30-34	100.0	-	100.0	100.0	-	-
35-39	66.7	-	66.7	66.7	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	50.0	-	50.0	50.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	-	-
Not disabled	89.7	-	89.7	89.7	-	-
<b>First Generation</b>						
First generation	100.0	-	100.0	100.0	-	-
Not first generation	85.0	-	85.0	85.0	-	-
<b>Income Status</b>						
Low income	100.0	-	100.0	100.0	-	-
Not low income	88.5	-	88.5	88.5	-	-

### DEFINITIONS & NOTES

#### Overview of Data

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#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

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Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.

## CIS 138 Internet of Things (3.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	93.3	-	93.3	93.3	-	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	100.0	100.0	-	-
Asian-Intl		-	-	-	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino		-	-	-	-	-
Hispanic	100.0	-	100.0	100.0	-	-
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	84.6	-	84.6	84.6	-	-
Multi Races		-	-	-	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	100.0	-	100.0	100.0	-	-
Male	90.0	-	90.0	90.0	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	100.0	-	100.0	100.0	-	-
20-24	100.0	-	100.0	100.0	-	-
25-29	100.0	-	100.0	100.0	-	-
30-34	100.0	-	100.0	100.0	-	-
35-39	66.7	-	66.7	66.7	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	50.0	-	50.0	50.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	-	-
Not disabled	93.1	-	93.1	93.1	-	-
<b>First Generation</b>						
First generation	100.0	-	100.0	100.0	-	-
Not first generation	90.0	-	90.0	90.0	-	-
<b>Income Status</b>						
Low income	100.0	-	100.0	100.0	-	-
Not low income	92.3	-	92.3	92.3	-	-

### DEFINITIONS & NOTES

#### Overview of Data

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#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

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## CIS 140 Big Data Analytics (4.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	2	0	2	2	0	0
#Enrollments	42	0	42	42	0	0
%Success	78.6	-	78.6	78.6	-	-
%Retention	88.1	-	88.1	88.1	-	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	42	-	100.0	100.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	21	-	100.0	100.0	-	-
Asian-Intl	1	-	100.0	100.0	-	-
African American	1	-	100.0	100.0	-	-
Filipino	1	-	100.0	100.0	-	-
Hispanic	2	-	100.0	100.0	-	-
Native American	0	-	-	-	-	-
Pacific Islander	0	-	-	-	-	-
White	12	-	100.0	100.0	-	-
Multi Races	2	-	100.0	100.0	-	-
Unrecorded	2	-	100.0	100.0	-	-
<b>Gender</b>						
Female	20	-	100.0	100.0	-	-
Male	19	-	100.0	100.0	-	-
Unrecorded	3	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	9	-	100.0	100.0	-	-
20-24	6	-	100.0	100.0	-	-
25-29	4	-	100.0	100.0	-	-
30-34	6	-	100.0	100.0	-	-
35-39	7	-	100.0	100.0	-	-
40-49	6	-	100.0	100.0	-	-
50+	4	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	3	-	100.0	100.0	-	-
Not disabled	39	-	100.0	100.0	-	-
<b>First Generation</b>						
First generation	9	-	100.0	100.0	-	-
Not first generation	29	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	3	-	100.0	100.0	-	-
Not low income	39	-	100.0	100.0	-	-

#### DEFINITIONS & NOTES

##### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

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Displays summaries of total enrollment, numbers of sections offered, retention, and success.

##### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 140 Big Data Analytics (4.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	78.6	-	78.6	78.6	-	-
<b>Ethnicity</b>						
Asian-Domestic	71.4	-	71.4	71.4	-	-
Asian-Intl	100.0	-	100.0	100.0	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino	100.0	-	100.0	100.0	-	-
Hispanic	0.0	-	0.0	0.0	-	-
Native American	-	-	-	-	-	-
Pacific Islander	-	-	-	-	-	-
White	100.0	-	100.0	100.0	-	-
Multi Races	50.0	-	50.0	50.0	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	65.0	-	65.0	65.0	-	-
Male	89.5	-	89.5	89.5	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	88.9	-	88.9	88.9	-	-
20-24	50.0	-	50.0	50.0	-	-
25-29	100.0	-	100.0	100.0	-	-
30-34	66.7	-	66.7	66.7	-	-
35-39	85.7	-	85.7	85.7	-	-
40-49	66.7	-	66.7	66.7	-	-
50+	100.0	-	100.0	100.0	-	-
Unrecorded	-	-	-	-	-	-
<b>Disability Status</b>						
Disabled	66.7	-	66.7	66.7	-	-
Not disabled	79.5	-	79.5	79.5	-	-
<b>First Generation</b>						
First generation	55.6	-	55.6	55.6	-	-
Not first generation	82.8	-	82.8	82.8	-	-
<b>Income Status</b>						
Low income	66.7	-	66.7	66.7	-	-
Not low income	79.5	-	79.5	79.5	-	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

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Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.

## CIS 140 Big Data Analytics (4.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	88.1	-	88.1	88.1	-	-
<b>Ethnicity</b>						
Asian-Domestic	76.2	-	76.2	76.2	-	-
Asian-Intl	100.0	-	100.0	100.0	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino	100.0	-	100.0	100.0	-	-
Hispanic	100.0	-	100.0	100.0	-	-
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	100.0	-	100.0	100.0	-	-
Multi Races	100.0	-	100.0	100.0	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	80.0	-	80.0	80.0	-	-
Male	94.7	-	94.7	94.7	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	88.9	-	88.9	88.9	-	-
20-24	83.3	-	83.3	83.3	-	-
25-29	100.0	-	100.0	100.0	-	-
30-34	83.3	-	83.3	83.3	-	-
35-39	85.7	-	85.7	85.7	-	-
40-49	83.3	-	83.3	83.3	-	-
50+	100.0	-	100.0	100.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	-	-
Not disabled	87.2	-	87.2	87.2	-	-
<b>First Generation</b>						
First generation	88.9	-	88.9	88.9	-	-
Not first generation	86.2	-	86.2	86.2	-	-
<b>Income Status</b>						
Low income	100.0	-	100.0	100.0	-	-
Not low income	87.2	-	87.2	87.2	-	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

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Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.

## CIS 151 Computer Networking (3.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	5	0	5	5	0	0
#Enrollments	102	0	102	102	0	0
%Success	72.5	-	72.5	72.5	-	-
%Retention	84.3	-	84.3	84.3	-	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	102	-	100.0	100.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	26	-	100.0	100.0	-	-
Asian-Intl	2	-	100.0	100.0	-	-
African American	8	-	100.0	100.0	-	-
Filipino	4	-	100.0	100.0	-	-
Hispanic	27	-	100.0	100.0	-	-
Native American	0	-	-	-	-	-
Pacific Islander	1	-	100.0	100.0	-	-
White	22	-	100.0	100.0	-	-
Multi Races	9	-	100.0	100.0	-	-
Unrecorded	3	-	100.0	100.0	-	-
<b>Gender</b>						
Female	22	-	100.0	100.0	-	-
Male	76	-	100.0	100.0	-	-
Unrecorded	4	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	16	-	100.0	100.0	-	-
20-24	29	-	100.0	100.0	-	-
25-29	27	-	100.0	100.0	-	-
30-34	16	-	100.0	100.0	-	-
35-39	4	-	100.0	100.0	-	-
40-49	5	-	100.0	100.0	-	-
50+	5	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	2	-	100.0	100.0	-	-
Not disabled	100	-	100.0	100.0	-	-
<b>First Generation</b>						
First generation	42	-	100.0	100.0	-	-
Not first generation	51	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	18	-	100.0	100.0	-	-
Not low income	84	-	100.0	100.0	-	-

#### DEFINITIONS & NOTES

##### Overview of Data

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##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

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## CIS 151 Computer Networking (3.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	72.5	-	72.5	72.5	-	-
<b>Ethnicity</b>						
Asian-Domestic	80.8	-	80.8	80.8	-	-
Asian-Intl	100.0	-	100.0	100.0	-	-
African American	62.5	-	62.5	62.5	-	-
Filipino	50.0	-	50.0	50.0	-	-
Hispanic	55.6	-	55.6	55.6	-	-
Native American		-	-	-	-	-
Pacific Islander	100.0	-	100.0	100.0	-	-
White	72.7	-	72.7	72.7	-	-
Multi Races	100.0	-	100.0	100.0	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	81.8	-	81.8	81.8	-	-
Male	72.4	-	72.4	72.4	-	-
Unrecorded	25.0	-	25.0	25.0	-	-
<b>Age</b>						
19 or less	87.5	-	87.5	87.5	-	-
20-24	75.9	-	75.9	75.9	-	-
25-29	66.7	-	66.7	66.7	-	-
30-34	62.5	-	62.5	62.5	-	-
35-39	75.0	-	75.0	75.0	-	-
40-49	80.0	-	80.0	80.0	-	-
50+	60.0	-	60.0	60.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	50.0	-	50.0	50.0	-	-
Not disabled	73.0	-	73.0	73.0	-	-
<b>First Generation</b>						
First generation	64.3	-	64.3	64.3	-	-
Not first generation	76.5	-	76.5	76.5	-	-
<b>Income Status</b>						
Low income	66.7	-	66.7	66.7	-	-
Not low income	73.8	-	73.8	73.8	-	-

### DEFINITIONS & NOTES

#### Overview of Data

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## CIS 151 Computer Networking (3.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	84.3	-	84.3	84.3	-	-
<b>Ethnicity</b>						
Asian-Domestic	92.3	-	92.3	92.3	-	-
Asian-Intl	100.0	-	100.0	100.0	-	-
African American	75.0	-	75.0	75.0	-	-
Filipino	50.0	-	50.0	50.0	-	-
Hispanic	77.8	-	77.8	77.8	-	-
Native American		-	-	-	-	-
Pacific Islander	100.0	-	100.0	100.0	-	-
White	81.8	-	81.8	81.8	-	-
Multi Races	100.0	-	100.0	100.0	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	86.4	-	86.4	86.4	-	-
Male	85.5	-	85.5	85.5	-	-
Unrecorded	50.0	-	50.0	50.0	-	-
<b>Age</b>						
19 or less	93.8	-	93.8	93.8	-	-
20-24	86.2	-	86.2	86.2	-	-
25-29	81.5	-	81.5	81.5	-	-
30-34	81.3	-	81.3	81.3	-	-
35-39	75.0	-	75.0	75.0	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	60.0	-	60.0	60.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	-	-
Not disabled	84.0	-	84.0	84.0	-	-
<b>First Generation</b>						
First generation	83.3	-	83.3	83.3	-	-
Not first generation	82.4	-	82.4	82.4	-	-
<b>Income Status</b>						
Low income	77.8	-	77.8	77.8	-	-
Not low income	85.7	-	85.7	85.7	-	-

### DEFINITIONS & NOTES

#### Overview of Data

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Students whose parent(s)/guardian(s) did not have a 4-year degree.

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## CIS 254 Intro Object-Oriented Pgm Dsgn (4.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	18	0	18	13	4	1
#Enrollments	585	0	585	406	149	30
%Success	75.7	-	75.7	77.8	69.1	80.0
%Retention	89.2	-	89.2	88.9	87.9	100.0

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	585	-	100.0	69.4	25.5	5.1
<b>Ethnicity</b>						
Asian-Domestic	134	-	100.0	74.6	20.1	5.2
Asian-Intl	60	-	100.0	68.3	30.0	1.7
African American	17	-	100.0	58.8	29.4	11.8
Filipino	41	-	100.0	82.9	17.1	-
Hispanic	141	-	100.0	58.9	31.9	9.2
Native American	0	-	-	-	-	-
Pacific Islander	3	-	100.0	66.7	33.3	-
White	116	-	100.0	69.8	26.7	3.4
Multi Races	52	-	100.0	75.0	21.2	3.8
Unrecorded	21	-	100.0	76.2	19.0	4.8
<b>Gender</b>						
Female	167	-	100.0	74.3	22.2	3.6
Male	403	-	100.0	67.2	26.8	6.0
Unrecorded	15	-	100.0	73.3	26.7	-
<b>Age</b>						
19 or less	249	-	100.0	68.3	28.1	3.6
20-24	175	-	100.0	68.0	25.7	6.3
25-29	70	-	100.0	70.0	22.9	7.1
30-34	39	-	100.0	74.4	23.1	2.6
35-39	22	-	100.0	68.2	27.3	4.5
40-49	19	-	100.0	89.5	10.5	-
50+	11	-	100.0	63.6	9.1	27.3
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	22	-	100.0	59.1	31.8	9.1
Not disabled	563	-	100.0	69.8	25.2	5.0
<b>First Generation</b>						
First generation	208	-	100.0	71.2	22.1	6.7
Not first generation	295	-	100.0	70.2	26.1	3.7
<b>Income Status</b>						
Low income	114	-	100.0	59.6	35.1	5.3
Not low income	471	-	100.0	71.8	23.1	5.1

#### DEFINITIONS & NOTES

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##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

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Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

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Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 254 Intro Object-Oriented Pgm Dsgn (4.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	75.7	-	75.7	77.8	69.1	80.0
<b>Ethnicity</b>						
Asian-Domestic	89.6	-	89.6	92.0	81.5	85.7
Asian-Intl	83.3	-	83.3	85.4	83.3	0.0
African American	41.2	-	41.2	60.0	0.0	50.0
Filipino	65.9	-	65.9	64.7	71.4	-
Hispanic	65.2	-	65.2	67.5	57.8	76.9
Native American		-	-	-	-	-
Pacific Islander	100.0	-	100.0	100.0	100.0	-
White	75.0	-	75.0	79.0	61.3	100.0
Multi Races	73.1	-	73.1	64.1	100.0	100.0
Unrecorded	90.5	-	90.5	87.5	100.0	100.0
<b>Gender</b>						
Female	76.6	-	76.6	76.6	73.0	100.0
Male	75.4	-	75.4	77.9	69.4	75.0
Unrecorded	73.3	-	73.3	90.9	25.0	-
<b>Age</b>						
19 or less	81.5	-	81.5	85.9	71.4	77.8
20-24	73.1	-	73.1	75.6	64.4	81.8
25-29	70.0	-	70.0	61.2	87.5	100.0
30-34	64.1	-	64.1	69.0	44.4	100.0
35-39	72.7	-	72.7	80.0	66.7	0.0
40-49	68.4	-	68.4	70.6	50.0	-
50+	81.8	-	81.8	85.7	100.0	66.7
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	72.7	-	72.7	69.2	85.7	50.0
Not disabled	75.8	-	75.8	78.1	68.3	82.1
<b>First Generation</b>						
First generation	68.8	-	68.8	69.6	65.2	71.4
Not first generation	79.3	-	79.3	82.1	70.1	90.9
<b>Income Status</b>						
Low income	71.9	-	71.9	75.0	65.0	83.3
Not low income	76.6	-	76.6	78.4	70.6	79.2

### DEFINITIONS & NOTES

#### Overview of Data

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#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 254 Intro Object-Oriented Pgm Dsgn (4.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	89.2	-	89.2	88.9	87.9	100.0
<b>Ethnicity</b>						
Asian-Domestic	95.5	-	95.5	96.0	92.6	100.0
Asian-Intl	95.0	-	95.0	92.7	100.0	100.0
African American	70.6	-	70.6	90.0	20.0	100.0
Filipino	75.6	-	75.6	73.5	85.7	-
Hispanic	83.7	-	83.7	81.9	82.2	100.0
Native American		-	-	-	-	-
Pacific Islander	100.0	-	100.0	100.0	100.0	-
White	91.4	-	91.4	91.4	90.3	100.0
Multi Races	90.4	-	90.4	87.2	100.0	100.0
Unrecorded	95.2	-	95.2	93.8	100.0	100.0
<b>Gender</b>						
Female	83.8	-	83.8	83.1	83.8	100.0
Male	91.3	-	91.3	91.5	88.9	100.0
Unrecorded	93.3	-	93.3	90.9	100.0	-
<b>Age</b>						
19 or less	92.0	-	92.0	93.5	87.1	100.0
20-24	86.3	-	86.3	84.9	86.7	100.0
25-29	88.6	-	88.6	83.7	100.0	100.0
30-34	79.5	-	79.5	79.3	77.8	100.0
35-39	95.5	-	95.5	93.3	100.0	100.0
40-49	89.5	-	89.5	94.1	50.0	-
50+	100.0	-	100.0	100.0	100.0	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	95.5	-	95.5	92.3	100.0	100.0
Not disabled	89.0	-	89.0	88.8	87.3	100.0
<b>First Generation</b>						
First generation	85.6	-	85.6	85.1	82.6	100.0
Not first generation	91.5	-	91.5	90.8	92.2	100.0
<b>Income Status</b>						
Low income	86.0	-	86.0	86.8	82.5	100.0
Not low income	90.0	-	90.0	89.3	89.9	100.0

### DEFINITIONS & NOTES

#### Overview of Data

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#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

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Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.

## CIS 255 (CS1) Programming Methods: Java (4.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	9	0	9	8	1	0
#Enrollments	245	0	245	233	12	0
%Success	82.0	-	82.0	82.8	66.7	-
%Retention	89.4	-	89.4	89.7	83.3	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	245	-	100.0	95.1	4.9	-
<b>Ethnicity</b>						
Asian-Domestic	82	-	100.0	93.9	6.1	-
Asian-Intl	19	-	100.0	89.5	10.5	-
African American	4	-	100.0	100.0	-	-
Filipino	14	-	100.0	92.9	7.1	-
Hispanic	48	-	100.0	97.9	2.1	-
Native American	0	-	-	-	-	-
Pacific Islander	5	-	100.0	100.0	-	-
White	42	-	100.0	95.2	4.8	-
Multi Races	19	-	100.0	94.7	5.3	-
Unrecorded	12	-	100.0	100.0	-	-
<b>Gender</b>						
Female	65	-	100.0	96.9	3.1	-
Male	172	-	100.0	94.2	5.8	-
Unrecorded	8	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	100	-	100.0	93.0	7.0	-
20-24	82	-	100.0	96.3	3.7	-
25-29	25	-	100.0	100.0	-	-
30-34	18	-	100.0	94.4	5.6	-
35-39	6	-	100.0	100.0	-	-
40-49	11	-	100.0	90.9	9.1	-
50+	3	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	9	-	100.0	88.9	11.1	-
Not disabled	236	-	100.0	95.3	4.7	-
<b>First Generation</b>						
First generation	89	-	100.0	97.8	2.2	-
Not first generation	125	-	100.0	93.6	6.4	-
<b>Income Status</b>						
Low income	41	-	100.0	100.0	-	-
Not low income	204	-	100.0	94.1	5.9	-

#### DEFINITIONS & NOTES

##### Overview of Data

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##### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

##### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 255 (CS1) Programming Methods: Java (4.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	82.0	-	82.0	82.8	66.7	-
<b>Ethnicity</b>						
Asian-Domestic	85.4	-	85.4	85.7	80.0	-
Asian-Intl	63.2	-	63.2	70.6	0.0	-
African American	75.0	-	75.0	75.0	-	-
Filipino	85.7	-	85.7	84.6	100.0	-
Hispanic	68.8	-	68.8	70.2	0.0	-
Native American		-	-	-	-	-
Pacific Islander	60.0	-	60.0	60.0	-	-
White	90.5	-	90.5	90.0	100.0	-
Multi Races	94.7	-	94.7	94.4	100.0	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	81.5	-	81.5	81.0	100.0	-
Male	82.6	-	82.6	84.0	60.0	-
Unrecorded	75.0	-	75.0	75.0	-	-
<b>Age</b>						
19 or less	94.0	-	94.0	94.6	85.7	-
20-24	68.3	-	68.3	69.6	33.3	-
25-29	84.0	-	84.0	84.0	-	-
30-34	77.8	-	77.8	82.4	0.0	-
35-39	66.7	-	66.7	66.7	-	-
40-49	90.9	-	90.9	90.0	100.0	-
50+	66.7	-	66.7	66.7	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	100.0	-
Not disabled	81.4	-	81.4	82.2	63.6	-
<b>First Generation</b>						
First generation	74.2	-	74.2	73.6	100.0	-
Not first generation	89.6	-	89.6	90.6	75.0	-
<b>Income Status</b>						
Low income	80.5	-	80.5	80.5	-	-
Not low income	82.4	-	82.4	83.3	66.7	-

### DEFINITIONS & NOTES

#### Overview of Data

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#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 255 (CS1) Programming Methods: Java (4.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	89.4	-	89.4	89.7	83.3	-
<b>Ethnicity</b>						
Asian-Domestic	91.5	-	91.5	90.9	100.0	-
Asian-Intl	89.5	-	89.5	94.1	50.0	-
African American	75.0	-	75.0	75.0	-	-
Filipino	92.9	-	92.9	92.3	100.0	-
Hispanic	79.2	-	79.2	80.9	0.0	-
Native American		-	-	-	-	-
Pacific Islander	60.0	-	60.0	60.0	-	-
White	92.9	-	92.9	92.5	100.0	-
Multi Races	100.0	-	100.0	100.0	100.0	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	87.7	-	87.7	87.3	100.0	-
Male	90.1	-	90.1	90.7	80.0	-
Unrecorded	87.5	-	87.5	87.5	-	-
<b>Age</b>						
19 or less	97.0	-	97.0	97.8	85.7	-
20-24	79.3	-	79.3	79.7	66.7	-
25-29	92.0	-	92.0	92.0	-	-
30-34	88.9	-	88.9	88.2	100.0	-
35-39	66.7	-	66.7	66.7	-	-
40-49	100.0	-	100.0	100.0	100.0	-
50+	100.0	-	100.0	100.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	100.0	-
Not disabled	89.0	-	89.0	89.3	81.8	-
<b>First Generation</b>						
First generation	85.4	-	85.4	85.1	100.0	-
Not first generation	92.0	-	92.0	92.3	87.5	-
<b>Income Status</b>						
Low income	87.8	-	87.8	87.8	-	-
Not low income	89.7	-	89.7	90.1	83.3	-

### DEFINITIONS & NOTES

#### Overview of Data

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#### % Retention

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#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

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## CIS 256 (CS2) Data Structures: Java (4.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	9	0	9	9	0	0
#Enrollments	201	0	201	201	0	0
%Success	89.1	-	89.1	89.1	-	-
%Retention	96.0	-	96.0	96.0	-	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	201	-	100.0	100.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	78	-	100.0	100.0	-	-
Asian-Intl	11	-	100.0	100.0	-	-
African American	2	-	100.0	100.0	-	-
Filipino	14	-	100.0	100.0	-	-
Hispanic	22	-	100.0	100.0	-	-
Native American	0	-	-	-	-	-
Pacific Islander	2	-	100.0	100.0	-	-
White	50	-	100.0	100.0	-	-
Multi Races	19	-	100.0	100.0	-	-
Unrecorded	3	-	100.0	100.0	-	-
<b>Gender</b>						
Female	40	-	100.0	100.0	-	-
Male	158	-	100.0	100.0	-	-
Unrecorded	3	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	65	-	100.0	100.0	-	-
20-24	85	-	100.0	100.0	-	-
25-29	25	-	100.0	100.0	-	-
30-34	13	-	100.0	100.0	-	-
35-39	4	-	100.0	100.0	-	-
40-49	8	-	100.0	100.0	-	-
50+	1	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	12	-	100.0	100.0	-	-
Not disabled	189	-	100.0	100.0	-	-
<b>First Generation</b>						
First generation	68	-	100.0	100.0	-	-
Not first generation	113	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	40	-	100.0	100.0	-	-
Not low income	161	-	100.0	100.0	-	-

#### DEFINITIONS & NOTES

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##### % Retention

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##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 256 (CS2) Data Structures: Java (4.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	89.1	-	89.1	89.1	-	-
<b>Ethnicity</b>						
Asian-Domestic	88.5	-	88.5	88.5	-	-
Asian-Intl	100.0	-	100.0	100.0	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino	85.7	-	85.7	85.7	-	-
Hispanic	86.4	-	86.4	86.4	-	-
Native American		-	-	-	-	-
Pacific Islander	100.0	-	100.0	100.0	-	-
White	88.0	-	88.0	88.0	-	-
Multi Races	89.5	-	89.5	89.5	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	97.5	-	97.5	97.5	-	-
Male	86.7	-	86.7	86.7	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	92.3	-	92.3	92.3	-	-
20-24	87.1	-	87.1	87.1	-	-
25-29	88.0	-	88.0	88.0	-	-
30-34	76.9	-	76.9	76.9	-	-
35-39	100.0	-	100.0	100.0	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	100.0	-	100.0	100.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	75.0	-	75.0	75.0	-	-
Not disabled	89.9	-	89.9	89.9	-	-
<b>First Generation</b>						
First generation	85.3	-	85.3	85.3	-	-
Not first generation	90.3	-	90.3	90.3	-	-
<b>Income Status</b>						
Low income	90.0	-	90.0	90.0	-	-
Not low income	88.8	-	88.8	88.8	-	-

### DEFINITIONS & NOTES

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#### % Retention

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#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

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Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.

## CIS 256 (CS2) Data Structures: Java (4.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	96.0	-	96.0	96.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	97.4	-	97.4	97.4	-	-
Asian-Intl	100.0	-	100.0	100.0	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino	85.7	-	85.7	85.7	-	-
Hispanic	100.0	-	100.0	100.0	-	-
Native American		-	-	-	-	-
Pacific Islander	100.0	-	100.0	100.0	-	-
White	96.0	-	96.0	96.0	-	-
Multi Races	89.5	-	89.5	89.5	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	97.5	-	97.5	97.5	-	-
Male	95.6	-	95.6	95.6	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	95.4	-	95.4	95.4	-	-
20-24	95.3	-	95.3	95.3	-	-
25-29	100.0	-	100.0	100.0	-	-
30-34	92.3	-	92.3	92.3	-	-
35-39	100.0	-	100.0	100.0	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	100.0	-	100.0	100.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	91.7	-	91.7	91.7	-	-
Not disabled	96.3	-	96.3	96.3	-	-
<b>First Generation</b>						
First generation	95.6	-	95.6	95.6	-	-
Not first generation	95.6	-	95.6	95.6	-	-
<b>Income Status</b>						
Low income	97.5	-	97.5	97.5	-	-
Not low income	95.7	-	95.7	95.7	-	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 262 Discrete Math for Comp Science (3.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Total	Distance Modes		
				Online	Hybrid	Synchronous
#Sections	3	1	2	2	0	0
#Enrollments	103	23	80	80	0	0
%Success	87.4	100.0	83.8	83.8	-	-
%Retention	95.1	100.0	93.8	93.8	-	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	103	22.3	77.7	77.7	-	-
<b>Ethnicity</b>						
Asian-Domestic	29	24.1	75.9	75.9	-	-
Asian-Intl	6	33.3	66.7	66.7	-	-
African American	1	-	100.0	100.0	-	-
Filipino	10	30.0	70.0	70.0	-	-
Hispanic	17	23.5	76.5	76.5	-	-
Native American	0	-	-	-	-	-
Pacific Islander	1	-	100.0	100.0	-	-
White	29	13.8	86.2	86.2	-	-
Multi Races	8	25.0	75.0	75.0	-	-
Unrecorded	2	50.0	50.0	50.0	-	-
<b>Gender</b>						
Female	22	13.6	86.4	86.4	-	-
Male	80	25.0	75.0	75.0	-	-
Unrecorded	1	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	29	20.7	79.3	79.3	-	-
20-24	52	28.8	71.2	71.2	-	-
25-29	9	11.1	88.9	88.9	-	-
30-34	8	-	100.0	100.0	-	-
35-39	3	33.3	66.7	66.7	-	-
40-49	1	-	100.0	100.0	-	-
50+	1	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	1	-	100.0	100.0	-	-
Not disabled	102	22.5	77.5	77.5	-	-
<b>First Generation</b>						
First generation	31	19.4	80.6	80.6	-	-
Not first generation	63	23.8	76.2	76.2	-	-
<b>Income Status</b>						
Low income	22	22.7	77.3	77.3	-	-
Not low income	81	22.2	77.8	77.8	-	-

#### DEFINITIONS & NOTES

##### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

##### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

##### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 262 Discrete Math for Comp Science (3.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	87.4	100.0	83.8	83.8	-	-
<b>Ethnicity</b>						
Asian-Domestic	90.9	100.0	90.9	90.9	-	-
Asian-Intl	100.0	100.0	100.0	100.0	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino	57.1	100.0	57.1	57.1	-	-
Hispanic	53.8	100.0	53.8	53.8	-	-
Native American		-	-	-	-	-
Pacific Islander	100.0	-	100.0	100.0	-	-
White	92.0	100.0	92.0	92.0	-	-
Multi Races	100.0	100.0	100.0	100.0	-	-
Unrecorded	100.0	100.0	100.0	100.0	-	-
<b>Gender</b>						
Female	84.2	100.0	84.2	84.2	-	-
Male	83.3	100.0	83.3	83.3	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	91.3	100.0	91.3	91.3	-	-
20-24	81.1	100.0	81.1	81.1	-	-
25-29	100.0	100.0	100.0	100.0	-	-
30-34	62.5	-	62.5	62.5	-	-
35-39	100.0	100.0	100.0	100.0	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	0.0	-	0.0	0.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	-	-
Not disabled	83.5	100.0	83.5	83.5	-	-
<b>First Generation</b>						
First generation	80.0	100.0	80.0	80.0	-	-
Not first generation	83.3	100.0	83.3	83.3	-	-
<b>Income Status</b>						
Low income	70.6	100.0	70.6	70.6	-	-
Not low income	87.3	100.0	87.3	87.3	-	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.

## CIS 262 Discrete Math for Comp Science (3.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	95.1	100.0	93.8	93.8	-	-
<b>Ethnicity</b>						
Asian-Domestic	95.5	100.0	95.5	95.5	-	-
Asian-Intl	100.0	100.0	100.0	100.0	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino	100.0	100.0	100.0	100.0	-	-
Hispanic	76.9	100.0	76.9	76.9	-	-
Native American		-	-	-	-	-
Pacific Islander	100.0	-	100.0	100.0	-	-
White	96.0	100.0	96.0	96.0	-	-
Multi Races	100.0	100.0	100.0	100.0	-	-
Unrecorded	100.0	100.0	100.0	100.0	-	-
<b>Gender</b>						
Female	84.2	100.0	84.2	84.2	-	-
Male	96.7	100.0	96.7	96.7	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	95.7	100.0	95.7	95.7	-	-
20-24	94.6	100.0	94.6	94.6	-	-
25-29	100.0	100.0	100.0	100.0	-	-
30-34	87.5	-	87.5	87.5	-	-
35-39	100.0	100.0	100.0	100.0	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	0.0	-	0.0	0.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	100.0	-	-
Not disabled	93.7	100.0	93.7	93.7	-	-
<b>First Generation</b>						
First generation	92.0	100.0	92.0	92.0	-	-
Not first generation	93.8	100.0	93.8	93.8	-	-
<b>Income Status</b>						
Low income	82.4	100.0	82.4	82.4	-	-
Not low income	96.8	100.0	96.8	96.8	-	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

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## CIS 264 Comp Org & Systems Programming (4.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Total	Distance Modes		
				Online	Hybrid	Synchronous
#Sections	5	1	4	2	2	0
#Enrollments	157	28	129	69	60	0
%Success	89.2	78.6	91.5	97.1	85.0	-
%Retention	93.0	78.6	96.1	100.0	91.7	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	157	17.8	82.2	43.9	38.2	-
<b>Ethnicity</b>						
Asian-Domestic	52	25.0	75.0	34.6	40.4	-
Asian-Intl	21	23.8	76.2	57.1	19.0	-
African American	3	-	100.0	66.7	33.3	-
Filipino	11	-	100.0	36.4	63.6	-
Hispanic	29	13.8	86.2	34.5	51.7	-
Native American	0	-	-	-	-	-
Pacific Islander	0	-	-	-	-	-
White	24	12.5	87.5	54.2	33.3	-
Multi Races	9	11.1	88.9	77.8	11.1	-
Unrecorded	8	25.0	75.0	37.5	37.5	-
<b>Gender</b>						
Female	23	26.1	73.9	34.8	39.1	-
Male	130	16.2	83.8	44.6	39.2	-
Unrecorded	4	25.0	75.0	75.0	-	-
<b>Age</b>						
19 or less	31	16.1	83.9	45.2	38.7	-
20-24	90	16.7	83.3	44.4	38.9	-
25-29	21	19.0	81.0	42.9	38.1	-
30-34	11	36.4	63.6	27.3	36.4	-
35-39	2	-	100.0	100.0	-	-
40-49	1	-	100.0	100.0	-	-
50+	1	-	100.0	-	100.0	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	5	20.0	80.0	40.0	40.0	-
Not disabled	152	17.8	82.2	44.1	38.2	-
<b>First Generation</b>						
First generation	54	25.9	74.1	33.3	40.7	-
Not first generation	77	11.7	88.3	48.1	40.3	-
<b>Income Status</b>						
Low income	39	25.6	74.4	38.5	35.9	-
Not low income	118	15.3	84.7	45.8	39.0	-

#### DEFINITIONS & NOTES

##### Overview of Data

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Displays summaries of total enrollment, numbers of sections offered, retention, and success.

##### Part II: Demographic Profile

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##### Enrollments

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The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/ guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 264 Comp Org & Systems Programming (4.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	89.2	78.6	91.5	97.1	85.0	-
<b>Ethnicity</b>						
Asian-Domestic	94.9	76.9	94.9	94.4	95.2	-
Asian-Intl	93.8	100.0	93.8	100.0	75.0	-
African American	66.7	-	66.7	100.0	0.0	-
Filipino	81.8	-	81.8	100.0	71.4	-
Hispanic	80.0	75.0	80.0	90.0	73.3	-
Native American	-	-	-	-	-	-
Pacific Islander	-	-	-	-	-	-
White	100.0	66.7	100.0	100.0	100.0	-
Multi Races	100.0	0.0	100.0	100.0	100.0	-
Unrecorded	100.0	100.0	100.0	100.0	100.0	-
<b>Gender</b>						
Female	100.0	66.7	100.0	100.0	100.0	-
Male	89.9	81.0	89.9	96.6	82.4	-
Unrecorded	100.0	100.0	100.0	100.0	-	-
<b>Age</b>						
19 or less	100.0	40.0	100.0	100.0	100.0	-
20-24	93.3	93.3	93.3	97.5	88.6	-
25-29	82.4	75.0	82.4	88.9	75.0	-
30-34	57.1	75.0	57.1	100.0	25.0	-
35-39	100.0	-	100.0	100.0	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	100.0	-	100.0	-	100.0	-
Unrecorded	-	-	-	-	-	-
<b>Disability Status</b>						
Disabled	75.0	100.0	75.0	100.0	50.0	-
Not disabled	92.0	77.8	92.0	97.0	86.2	-
<b>First Generation</b>						
First generation	87.5	71.4	87.5	94.4	81.8	-
Not first generation	94.1	77.8	94.1	97.3	90.3	-
<b>Income Status</b>						
Low income	93.1	80.0	93.1	100.0	85.7	-
Not low income	91.0	77.8	91.0	96.3	84.8	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

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#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 264 Comp Org & Systems Programming (4.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	93.0	78.6	96.1	100.0	91.7	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	76.9	100.0	100.0	100.0	-
Asian-Intl	100.0	100.0	100.0	100.0	100.0	-
African American	100.0	-	100.0	100.0	100.0	-
Filipino	90.9	-	90.9	100.0	85.7	-
Hispanic	84.0	75.0	84.0	100.0	73.3	-
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	100.0	66.7	100.0	100.0	100.0	-
Multi Races	100.0	0.0	100.0	100.0	100.0	-
Unrecorded	100.0	100.0	100.0	100.0	100.0	-
<b>Gender</b>						
Female	100.0	66.7	100.0	100.0	100.0	-
Male	95.4	81.0	95.4	100.0	90.2	-
Unrecorded	100.0	100.0	100.0	100.0	-	-
<b>Age</b>						
19 or less	100.0	40.0	100.0	100.0	100.0	-
20-24	97.3	93.3	97.3	100.0	94.3	-
25-29	100.0	75.0	100.0	100.0	100.0	-
30-34	57.1	75.0	57.1	100.0	25.0	-
35-39	100.0	-	100.0	100.0	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	100.0	-	100.0	-	100.0	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	75.0	100.0	75.0	100.0	50.0	-
Not disabled	96.8	77.8	96.8	100.0	93.1	-
<b>First Generation</b>						
First generation	90.0	71.4	90.0	100.0	81.8	-
Not first generation	98.5	77.8	98.5	100.0	96.8	-
<b>Income Status</b>						
Low income	96.6	80.0	96.6	100.0	92.9	-
Not low income	96.0	77.8	96.0	100.0	91.3	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

Prepared by the Office of Planning, Research, Innovation, and Effectiveness (PRIE)  
[collegeofsanmateo.edu/prie](http://collegeofsanmateo.edu/prie)

## CIS 278 (CS1) Prgm Methods: C++ (4.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	5	0	5	2	3	0
#Enrollments	131	0	131	49	82	0
%Success	86.3	-	86.3	91.8	82.9	-
%Retention	93.1	-	93.1	100.0	89.0	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	131	-	100.0	37.4	62.6	-
<b>Ethnicity</b>						
Asian-Domestic	32	-	100.0	53.1	46.9	-
Asian-Intl	22	-	100.0	31.8	68.2	-
African American	4	-	100.0	-	100.0	-
Filipino	5	-	100.0	60.0	40.0	-
Hispanic	24	-	100.0	29.2	70.8	-
Native American	0	-	-	-	-	-
Pacific Islander	1	-	100.0	-	100.0	-
White	26	-	100.0	42.3	57.7	-
Multi Races	15	-	100.0	20.0	80.0	-
Unrecorded	2	-	100.0	50.0	50.0	-
<b>Gender</b>						
Female	24	-	100.0	37.5	62.5	-
Male	105	-	100.0	36.2	63.8	-
Unrecorded	2	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	56	-	100.0	41.1	58.9	-
20-24	51	-	100.0	43.1	56.9	-
25-29	10	-	100.0	10.0	90.0	-
30-34	9	-	100.0	22.2	77.8	-
35-39	2	-	100.0	50.0	50.0	-
40-49	1	-	100.0	-	100.0	-
50+	2	-	100.0	-	100.0	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	5	-	100.0	20.0	80.0	-
Not disabled	126	-	100.0	38.1	61.9	-
<b>First Generation</b>						
First generation	34	-	100.0	35.3	64.7	-
Not first generation	75	-	100.0	40.0	60.0	-
<b>Income Status</b>						
Low income	26	-	100.0	26.9	73.1	-
Not low income	105	-	100.0	40.0	60.0	-

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##### Enrollments

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##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

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## CIS 278 (CS1) Prgm Methods: C++ (4.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	86.3	-	86.3	91.8	82.9	-
<b>Ethnicity</b>						
Asian-Domestic	93.8	-	93.8	94.1	93.3	-
Asian-Intl	95.5	-	95.5	85.7	100.0	-
African American	50.0	-	50.0	-	50.0	-
Filipino	100.0	-	100.0	100.0	100.0	-
Hispanic	79.2	-	79.2	85.7	76.5	-
Native American	-	-	-	-	-	-
Pacific Islander	100.0	-	100.0	-	100.0	-
White	84.6	-	84.6	90.9	80.0	-
Multi Races	80.0	-	80.0	100.0	75.0	-
Unrecorded	50.0	-	50.0	100.0	0.0	-
<b>Gender</b>						
Female	95.8	-	95.8	100.0	93.3	-
Male	84.8	-	84.8	92.1	80.6	-
Unrecorded	50.0	-	50.0	50.0	-	-
<b>Age</b>						
19 or less	96.4	-	96.4	100.0	93.9	-
20-24	78.4	-	78.4	86.4	72.4	-
25-29	90.0	-	90.0	100.0	88.9	-
30-34	77.8	-	77.8	50.0	85.7	-
35-39	50.0	-	50.0	100.0	0.0	-
40-49	100.0	-	100.0	-	100.0	-
50+	50.0	-	50.0	-	50.0	-
Unrecorded	-	-	-	-	-	-
<b>Disability Status</b>						
Disabled	60.0	-	60.0	100.0	50.0	-
Not disabled	87.3	-	87.3	91.7	84.6	-
<b>First Generation</b>						
First generation	76.5	-	76.5	91.7	68.2	-
Not first generation	88.0	-	88.0	93.3	84.4	-
<b>Income Status</b>						
Low income	80.8	-	80.8	100.0	73.7	-
Not low income	87.6	-	87.6	90.5	85.7	-

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#### Enrollments

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#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

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Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

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Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.

## CIS 278 (CS1) Prgm Methods: C++ (4.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	93.1	-	93.1	100.0	89.0	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	100.0	100.0	100.0	-
Asian-Intl	100.0	-	100.0	100.0	100.0	-
African American	75.0	-	75.0	-	75.0	-
Filipino	100.0	-	100.0	100.0	100.0	-
Hispanic	91.7	-	91.7	100.0	88.2	-
Native American		-	-	-	-	-
Pacific Islander	100.0	-	100.0	-	100.0	-
White	88.5	-	88.5	100.0	80.0	-
Multi Races	86.7	-	86.7	100.0	83.3	-
Unrecorded	50.0	-	50.0	100.0	0.0	-
<b>Gender</b>						
Female	95.8	-	95.8	100.0	93.3	-
Male	92.4	-	92.4	100.0	88.1	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	96.4	-	96.4	100.0	93.9	-
20-24	92.2	-	92.2	100.0	86.2	-
25-29	100.0	-	100.0	100.0	100.0	-
30-34	88.9	-	88.9	100.0	85.7	-
35-39	50.0	-	50.0	100.0	0.0	-
40-49	100.0	-	100.0	-	100.0	-
50+	50.0	-	50.0	-	50.0	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	80.0	-	80.0	100.0	75.0	-
Not disabled	93.7	-	93.7	100.0	89.7	-
<b>First Generation</b>						
First generation	88.2	-	88.2	100.0	81.8	-
Not first generation	93.3	-	93.3	100.0	88.9	-
<b>Income Status</b>						
Low income	84.6	-	84.6	100.0	78.9	-
Not low income	95.2	-	95.2	100.0	92.1	-

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## CIS 279 (CS2) Data Structures: C++ (4.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	3	0	3	2	1	0
#Enrollments	78	0	78	58	20	0
%Success	88.5	-	88.5	87.9	90.0	-
%Retention	93.6	-	93.6	94.8	90.0	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	78	-	100.0	74.4	25.6	-
<b>Ethnicity</b>						
Asian-Domestic	16	-	100.0	56.3	43.8	-
Asian-Intl	13	-	100.0	92.3	7.7	-
African American	2	-	100.0	100.0	-	-
Filipino	7	-	100.0	85.7	14.3	-
Hispanic	10	-	100.0	70.0	30.0	-
Native American	0	-	-	-	-	-
Pacific Islander	0	-	-	-	-	-
White	21	-	100.0	76.2	23.8	-
Multi Races	7	-	100.0	71.4	28.6	-
Unrecorded	2	-	100.0	50.0	50.0	-
<b>Gender</b>						
Female	19	-	100.0	73.7	26.3	-
Male	59	-	100.0	74.6	25.4	-
Unrecorded	0	-	-	-	-	-
<b>Age</b>						
19 or less	24	-	100.0	66.7	33.3	-
20-24	38	-	100.0	73.7	26.3	-
25-29	8	-	100.0	87.5	12.5	-
30-34	5	-	100.0	80.0	20.0	-
35-39	0	-	-	-	-	-
40-49	1	-	100.0	100.0	-	-
50+	2	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	1	-	100.0	-	100.0	-
Not disabled	77	-	100.0	75.3	24.7	-
<b>First Generation</b>						
First generation	19	-	100.0	52.6	47.4	-
Not first generation	46	-	100.0	78.3	21.7	-
<b>Income Status</b>						
Low income	17	-	100.0	64.7	35.3	-
Not low income	61	-	100.0	77.0	23.0	-

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## CIS 279 (CS2) Data Structures: C++ (4.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	88.5	-	88.5	87.9	90.0	-
<b>Ethnicity</b>						
Asian-Domestic	87.5	-	87.5	77.8	100.0	-
Asian-Intl	76.9	-	76.9	83.3	0.0	-
African American	100.0	-	100.0	100.0	-	-
Filipino	85.7	-	85.7	83.3	100.0	-
Hispanic	100.0	-	100.0	100.0	100.0	-
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	90.5	-	90.5	87.5	100.0	-
Multi Races	100.0	-	100.0	100.0	100.0	-
Unrecorded	50.0	-	50.0	100.0	0.0	-
<b>Gender</b>						
Female	84.2	-	84.2	78.6	100.0	-
Male	89.8	-	89.8	90.9	86.7	-
Unrecorded		-	-	-	-	-
<b>Age</b>						
19 or less	79.2	-	79.2	75.0	87.5	-
20-24	92.1	-	92.1	92.9	90.0	-
25-29	100.0	-	100.0	100.0	100.0	-
30-34	100.0	-	100.0	100.0	100.0	-
35-39		-	-	-	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	50.0	-	50.0	50.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	-	100.0	-
Not disabled	88.3	-	88.3	87.9	89.5	-
<b>First Generation</b>						
First generation	94.7	-	94.7	90.0	100.0	-
Not first generation	87.0	-	87.0	86.1	90.0	-
<b>Income Status</b>						
Low income	94.1	-	94.1	90.9	100.0	-
Not low income	86.9	-	86.9	87.2	85.7	-

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## CIS 279 (CS2) Data Structures: C++ (4.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	93.6	-	93.6	94.8	90.0	-
<b>Ethnicity</b>						
Asian-Domestic	93.8	-	93.8	88.9	100.0	-
Asian-Intl	92.3	-	92.3	100.0	0.0	-
African American	100.0	-	100.0	100.0	-	-
Filipino	100.0	-	100.0	100.0	100.0	-
Hispanic	100.0	-	100.0	100.0	100.0	-
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	90.5	-	90.5	87.5	100.0	-
Multi Races	100.0	-	100.0	100.0	100.0	-
Unrecorded	50.0	-	50.0	100.0	0.0	-
<b>Gender</b>						
Female	94.7	-	94.7	92.9	100.0	-
Male	93.2	-	93.2	95.5	86.7	-
Unrecorded		-	-	-	-	-
<b>Age</b>						
19 or less	87.5	-	87.5	87.5	87.5	-
20-24	97.4	-	97.4	100.0	90.0	-
25-29	100.0	-	100.0	100.0	100.0	-
30-34	100.0	-	100.0	100.0	100.0	-
35-39		-	-	-	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	50.0	-	50.0	50.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	-	100.0	-
Not disabled	93.5	-	93.5	94.8	89.5	-
<b>First Generation</b>						
First generation	100.0	-	100.0	100.0	100.0	-
Not first generation	91.3	-	91.3	91.7	90.0	-
<b>Income Status</b>						
Low income	94.1	-	94.1	90.9	100.0	-
Not low income	93.4	-	93.4	95.7	85.7	-

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## CIS 363 Enterprise Data Mgmt w MySQL (4.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	1	0	1	1	0	0
#Enrollments	13	0	13	13	0	0
%Success	92.3	-	92.3	92.3	-	-
%Retention	100.0	-	100.0	100.0	-	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	13	-	100.0	100.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	3	-	100.0	100.0	-	-
Asian-Intl	0	-	-	-	-	-
African American	2	-	100.0	100.0	-	-
Filipino	0	-	-	-	-	-
Hispanic	0	-	-	-	-	-
Native American	0	-	-	-	-	-
Pacific Islander	0	-	-	-	-	-
White	6	-	100.0	100.0	-	-
Multi Races	0	-	-	-	-	-
Unrecorded	2	-	100.0	100.0	-	-
<b>Gender</b>						
Female	3	-	100.0	100.0	-	-
Male	8	-	100.0	100.0	-	-
Unrecorded	2	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	0	-	-	-	-	-
20-24	1	-	100.0	100.0	-	-
25-29	6	-	100.0	100.0	-	-
30-34	1	-	100.0	100.0	-	-
35-39	1	-	100.0	100.0	-	-
40-49	2	-	100.0	100.0	-	-
50+	2	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	0	-	-	-	-	-
Not disabled	13	-	100.0	100.0	-	-
<b>First Generation</b>						
First generation	4	-	100.0	100.0	-	-
Not first generation	8	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	4	-	100.0	100.0	-	-
Not low income	9	-	100.0	100.0	-	-

#### DEFINITIONS & NOTES

##### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

##### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

##### Part II: Demographic Profile

Displays comparative demographic aggregated success and retention data.

##### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

##### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

##### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

##### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

##### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

Prepared by the Office of Planning, Research, Innovation, and Effectiveness (PRIE)  
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## CIS 363 Enterprise Data Mgmt w MySQL (4.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	92.3	-	92.3	92.3	-	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	100.0	100.0	-	-
Asian-Intl		-	-	-	-	-
African American	50.0	-	50.0	50.0	-	-
Filipino		-	-	-	-	-
Hispanic		-	-	-	-	-
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	100.0	-	100.0	100.0	-	-
Multi Races		-	-	-	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	100.0	-	100.0	100.0	-	-
Male	87.5	-	87.5	87.5	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less		-	-	-	-	-
20-24	100.0	-	100.0	100.0	-	-
25-29	100.0	-	100.0	100.0	-	-
30-34	100.0	-	100.0	100.0	-	-
35-39	100.0	-	100.0	100.0	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	50.0	-	50.0	50.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled		-	-	-	-	-
Not disabled	92.3	-	92.3	92.3	-	-
<b>First Generation</b>						
First generation	75.0	-	75.0	75.0	-	-
Not first generation	100.0	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	75.0	-	75.0	75.0	-	-
Not low income	100.0	-	100.0	100.0	-	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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[collegeofsanmateo.edu/prie](http://collegeofsanmateo.edu/prie)

Notes: EW/MW are non-evaluative and do not constitute enrollment attempts. Fall 2020 actual section modality data were not retained due to COVID-19 emergency and thus the term data are not included in this comparison. Spring 21 impacted by COVID-19.

## CIS 363 Enterprise Data Mgmt w MySQL (4.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	100.0	-	100.0	100.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	100.0	100.0	-	-
Asian-Intl		-	-	-	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino		-	-	-	-	-
Hispanic		-	-	-	-	-
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	100.0	-	100.0	100.0	-	-
Multi Races		-	-	-	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	100.0	-	100.0	100.0	-	-
Male	100.0	-	100.0	100.0	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less		-	-	-	-	-
20-24	100.0	-	100.0	100.0	-	-
25-29	100.0	-	100.0	100.0	-	-
30-34	100.0	-	100.0	100.0	-	-
35-39	100.0	-	100.0	100.0	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	100.0	-	100.0	100.0	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled		-	-	-	-	-
Not disabled	100.0	-	100.0	100.0	-	-
<b>First Generation</b>						
First generation	100.0	-	100.0	100.0	-	-
Not first generation	100.0	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	100.0	-	100.0	100.0	-	-
Not low income	100.0	-	100.0	100.0	-	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

#### Part I: Enrollment & Student Outcomes

Displays summaries of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data.

#### Enrollments

Indicates a duplicated headcount that is the sum of end-of-term enrollments.

#### % Retention

The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term (only excludes W's).

#### % Success

Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

#### First Generation

Students whose parent(s)/guardian(s) did not have a 4-year degree.

#### Low Income

Students who received any of the following financial aid awards: Pell; CCPG A/B/D; CARE; Federal Work-Study; SEOG; and Chafee grant.

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## CIS 502 Applied Python Programming (4.0 Units), Distance Mode

### Part I—Summary: Enrollment and Student Outcomes

	All Sections	Face-to-Face	Total	Distance Modes		
				Online	Hybrid	Synchronous
#Sections	2	0	2	2	0	0
#Enrollments	27	0	27	27	0	0
%Success	96.3	-	96.3	96.3	-	-
%Retention	96.3	-	96.3	96.3	-	-

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	27	-	100.0	100.0	-	-
<b>Ethnicity</b>						
Asian-Domestic	8	-	100.0	100.0	-	-
Asian-Intl	1	-	100.0	100.0	-	-
African American	2	-	100.0	100.0	-	-
Filipino	0	-	-	-	-	-
Hispanic	3	-	100.0	100.0	-	-
Native American	0	-	-	-	-	-
Pacific Islander	0	-	-	-	-	-
White	7	-	100.0	100.0	-	-
Multi Races	4	-	100.0	100.0	-	-
Unrecorded	2	-	100.0	100.0	-	-
<b>Gender</b>						
Female	6	-	100.0	100.0	-	-
Male	20	-	100.0	100.0	-	-
Unrecorded	1	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	6	-	100.0	100.0	-	-
20-24	3	-	100.0	100.0	-	-
25-29	3	-	100.0	100.0	-	-
30-34	2	-	100.0	100.0	-	-
35-39	3	-	100.0	100.0	-	-
40-49	3	-	100.0	100.0	-	-
50+	7	-	100.0	100.0	-	-
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	0	-	-	-	-	-
Not disabled	27	-	100.0	100.0	-	-
<b>First Generation</b>						
First generation	6	-	100.0	100.0	-	-
Not first generation	16	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	2	-	100.0	100.0	-	-
Not low income	25	-	100.0	100.0	-	-

#### DEFINITIONS & NOTES

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## CIS 502 Applied Python Programming (4.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	96.3	-	96.3	96.3	-	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	100.0	100.0	-	-
Asian-Intl	100.0	-	100.0	100.0	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino		-	-	-	-	-
Hispanic	66.7	-	66.7	66.7	-	-
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	100.0	-	100.0	100.0	-	-
Multi Races	100.0	-	100.0	100.0	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	100.0	-	100.0	100.0	-	-
Male	95.0	-	95.0	95.0	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	100.0	-	100.0	100.0	-	-
20-24	100.0	-	100.0	100.0	-	-
25-29	100.0	-	100.0	100.0	-	-
30-34	100.0	-	100.0	100.0	-	-
35-39	100.0	-	100.0	100.0	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	85.7	-	85.7	85.7	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled		-	-	-	-	-
Not disabled	96.3	-	96.3	96.3	-	-
<b>First Generation</b>						
First generation	83.3	-	83.3	83.3	-	-
Not first generation	100.0	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	100.0	-	100.0	100.0	-	-
Not low income	96.0	-	96.0	96.0	-	-

### DEFINITIONS & NOTES

#### Overview of Data

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Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, or P at end-of-term.

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## CIS 502 Applied Python Programming (4.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	96.3	-	96.3	96.3	-	-
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	100.0	100.0	-	-
Asian-Intl	100.0	-	100.0	100.0	-	-
African American	100.0	-	100.0	100.0	-	-
Filipino		-	-	-	-	-
Hispanic	66.7	-	66.7	66.7	-	-
Native American		-	-	-	-	-
Pacific Islander		-	-	-	-	-
White	100.0	-	100.0	100.0	-	-
Multi Races	100.0	-	100.0	100.0	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Gender</b>						
Female	100.0	-	100.0	100.0	-	-
Male	95.0	-	95.0	95.0	-	-
Unrecorded	100.0	-	100.0	100.0	-	-
<b>Age</b>						
19 or less	100.0	-	100.0	100.0	-	-
20-24	100.0	-	100.0	100.0	-	-
25-29	100.0	-	100.0	100.0	-	-
30-34	100.0	-	100.0	100.0	-	-
35-39	100.0	-	100.0	100.0	-	-
40-49	100.0	-	100.0	100.0	-	-
50+	85.7	-	85.7	85.7	-	-
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled		-	-	-	-	-
Not disabled	96.3	-	96.3	96.3	-	-
<b>First Generation</b>						
First generation	83.3	-	83.3	83.3	-	-
Not first generation	100.0	-	100.0	100.0	-	-
<b>Income Status</b>						
Low income	100.0	-	100.0	100.0	-	-
Not low income	96.0	-	96.0	96.0	-	-

### DEFINITIONS & NOTES

#### Overview of Data

This is a delivery-mode comparison of student success in online courses across the online instructional modes, and with their face-to-face mode counterpart, if offered. This comparison spans all primary terms from spring 21 through spring 23.

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