

## ASTR Department Total

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

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	55	19	36	7	0	29
#Enrollments	1,447	542	905	291	0	614
%Success	75.4	68.8	79.3	74.2	-	81.8
%Retention	91.8	88.4	93.8	91.1	-	95.1

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	1,447	37.5	62.5	20.1	-	42.4
<b>Ethnicity</b>						
Asian-Domestic	158	32.9	67.1	17.7	-	49.4
Asian-Intl	90	33.3	66.7	20.0	-	46.7
African American	35	37.1	62.9	8.6	-	54.3
Filipino	85	31.8	68.2	20.0	-	48.2
Hispanic	503	38.2	61.8	20.3	-	41.6
Native American	0	-	-	-	-	-
Pacific Islander	44	27.3	72.7	9.1	-	63.6
White	376	42.0	58.0	22.3	-	35.6
Multi Races	123	37.4	62.6	23.6	-	39.0
Unrecorded	33	36.4	63.6	18.2	-	45.5
<b>Gender</b>						
Female	687	36.2	63.8	22.6	-	41.2
Male	723	38.5	61.5	18.0	-	43.6
Unrecorded	37	40.5	59.5	16.2	-	43.2
<b>Age</b>						
19 or less	595	42.9	57.1	19.5	-	37.6
20-24	665	34.7	65.3	19.8	-	45.4
25-29	87	13.8	86.2	21.8	-	64.4
30-34	32	31.3	68.8	18.8	-	50.0
35-39	7	28.6	71.4	71.4	-	-
40-49	23	34.8	65.2	43.5	-	21.7
50+	38	63.2	36.8	7.9	-	28.9
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	80	32.5	67.5	7.5	-	60.0
Not disabled	1,367	37.7	62.3	20.8	-	41.4
<b>First Generation</b>						
First generation	640	36.4	63.6	19.7	-	43.9
Not first generation	632	40.2	59.8	19.5	-	40.3
<b>Income Status</b>						
Low income	367	35.1	64.9	17.4	-	47.4
Not low income	1,080	38.2	61.8	21.0	-	40.7

#### 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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## ASTR Department Total (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	75.4	68.8	79.3	74.2	-	81.8
<b>Ethnicity</b>						
Asian-Domestic	87.7	75.0	87.7	85.7	-	88.5
Asian-Intl	88.3	56.7	88.3	100.0	-	83.3
African American	77.3	30.8	77.3	0.0	-	89.5
Filipino	81.0	74.1	81.0	82.4	-	80.5
Hispanic	71.7	68.8	71.7	61.8	-	76.6
Native American		-	-	-	-	-
Pacific Islander	62.5	58.3	62.5	50.0	-	64.3
White	84.9	72.8	84.9	81.0	-	87.3
Multi Races	79.2	63.0	79.2	75.9	-	81.3
Unrecorded	90.5	83.3	90.5	83.3	-	93.3
<b>Gender</b>						
Female	82.4	70.3	82.4	80.0	-	83.7
Male	77.1	68.0	77.1	68.5	-	80.6
Unrecorded	63.6	60.0	63.6	50.0	-	68.8
<b>Age</b>						
19 or less	81.5	73.3	81.5	75.0	-	84.8
20-24	79.3	63.6	79.3	75.8	-	80.8
25-29	68.0	75.0	68.0	63.2	-	69.6
30-34	81.8	70.0	81.8	66.7	-	87.5
35-39	60.0	0.0	60.0	60.0	-	-
40-49	86.7	62.5	86.7	90.0	-	80.0
50+	85.7	75.0	85.7	33.3	-	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	74.1	65.4	74.1	66.7	-	75.0
Not disabled	79.7	69.0	79.7	74.4	-	82.3
<b>First Generation</b>						
First generation	76.2	67.8	76.2	72.2	-	77.9
Not first generation	83.9	72.0	83.9	76.4	-	87.5
<b>Income Status</b>						
Low income	75.2	66.7	75.2	64.1	-	79.3
Not low income	80.8	69.5	80.8	77.1	-	82.7

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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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## ASTR Department Total (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	91.8	88.4	93.8	91.1	-	95.1
<b>Ethnicity</b>						
Asian-Domestic	93.4	94.2	93.4	92.9	-	93.6
Asian-Intl	96.7	83.3	96.7	100.0	-	95.2
African American	95.5	69.2	95.5	100.0	-	94.7
Filipino	96.6	88.9	96.6	94.1	-	97.6
Hispanic	91.3	91.7	91.3	85.3	-	94.3
Native American		-	-	-	-	-
Pacific Islander	90.6	75.0	90.6	75.0	-	92.9
White	97.2	87.3	97.2	96.4	-	97.8
Multi Races	92.2	84.8	92.2	89.7	-	93.8
Unrecorded	90.5	83.3	90.5	83.3	-	93.3
<b>Gender</b>						
Female	94.1	90.8	94.1	91.6	-	95.4
Male	93.7	86.7	93.7	91.5	-	94.6
Unrecorded	90.9	80.0	90.9	66.7	-	100.0
<b>Age</b>						
19 or less	93.2	91.4	93.2	88.8	-	95.5
20-24	94.0	86.6	94.0	93.9	-	94.0
25-29	98.7	83.3	98.7	94.7	-	100.0
30-34	86.4	90.0	86.4	66.7	-	93.8
35-39	80.0	50.0	80.0	80.0	-	-
40-49	93.3	75.0	93.3	100.0	-	80.0
50+	92.9	83.3	92.9	66.7	-	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	90.7	80.8	90.7	83.3	-	91.7
Not disabled	94.0	88.8	94.0	91.2	-	95.4
<b>First Generation</b>						
First generation	92.9	91.8	92.9	89.7	-	94.3
Not first generation	96.0	86.6	96.0	92.7	-	97.6
<b>Income Status</b>						
Low income	93.7	91.5	93.7	87.5	-	96.0
Not low income	93.9	87.4	93.9	92.1	-	94.8

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#### Part II: Demographic Profile

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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.

#### First Generation

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## ASTR 100 Introduction To Astronomy (3.0 Units), Distance Mode

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

	All Sections	Face-to-Face	Distance Modes			
			Total	Online	Hybrid	Synchronous
#Sections	29	9	20	7	0	13
#Enrollments	895	292	603	291	0	312
%Success	74.9	67.1	78.6	74.2	-	82.7
%Retention	91.5	88.0	93.2	91.1	-	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>	895	32.6	67.4	32.5	-	34.9
<b>Ethnicity</b>						
Asian-Domestic	90	30.0	70.0	31.1	-	38.9
Asian-Intl	44	22.7	77.3	40.9	-	36.4
African American	19	36.8	63.2	15.8	-	47.4
Filipino	53	26.4	73.6	32.1	-	41.5
Hispanic	333	33.9	66.1	30.6	-	35.4
Native American	0	-	-	-	-	-
Pacific Islander	26	26.9	73.1	15.4	-	57.7
White	242	36.4	63.6	34.7	-	28.9
Multi Races	72	29.2	70.8	40.3	-	30.6
Unrecorded	16	31.3	68.8	37.5	-	31.3
<b>Gender</b>						
Female	441	31.1	68.9	35.1	-	33.8
Male	432	34.0	66.0	30.1	-	35.9
Unrecorded	22	36.4	63.6	27.3	-	36.4
<b>Age</b>						
19 or less	406	39.4	60.6	28.6	-	32.0
20-24	399	29.6	70.4	33.1	-	37.3
25-29	42	7.1	92.9	45.2	-	47.6
30-34	16	31.3	68.8	37.5	-	31.3
35-39	5	-	100.0	100.0	-	-
40-49	14	14.3	85.7	71.4	-	14.3
50+	13	30.8	69.2	23.1	-	46.2
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	52	38.5	61.5	11.5	-	50.0
Not disabled	843	32.3	67.7	33.8	-	33.9
<b>First Generation</b>						
First generation	414	32.4	67.6	30.4	-	37.2
Not first generation	381	35.2	64.8	32.3	-	32.5
<b>Income Status</b>						
Low income	228	30.7	69.3	28.1	-	41.2
Not low income	667	33.3	66.7	34.0	-	32.7

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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.

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## ASTR 100 Introduction To Astronomy (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>	74.9	67.1	78.6	74.2	-	82.7
<b>Ethnicity</b>						
Asian-Domestic	90.5	81.5	90.5	85.7	-	94.3
Asian-Intl	91.2	40.0	91.2	100.0	-	81.3
African American	75.0	28.6	75.0	0.0	-	100.0
Filipino	84.6	78.6	84.6	82.4	-	86.4
Hispanic	69.5	63.7	69.5	61.8	-	76.3
Native American		-	-	-	-	-
Pacific Islander	63.2	57.1	63.2	50.0	-	66.7
White	83.1	73.9	83.1	81.0	-	85.7
Multi Races	80.4	57.1	80.4	75.9	-	86.4
Unrecorded	90.9	80.0	90.9	83.3	-	100.0
<b>Gender</b>						
Female	80.9	66.4	80.9	80.0	-	81.9
Male	76.8	67.3	76.8	68.5	-	83.9
Unrecorded	64.3	75.0	64.3	50.0	-	75.0
<b>Age</b>						
19 or less	79.3	71.9	79.3	75.0	-	83.1
20-24	79.0	60.2	79.0	75.8	-	81.9
25-29	69.2	66.7	69.2	63.2	-	75.0
30-34	81.8	80.0	81.8	66.7	-	100.0
35-39	60.0	-	60.0	60.0	-	-
40-49	91.7	50.0	91.7	90.0	-	100.0
50+	77.8	75.0	77.8	33.3	-	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	78.1	55.0	78.1	66.7	-	80.8
Not disabled	78.6	68.0	78.6	74.4	-	82.9
<b>First Generation</b>						
First generation	75.7	62.7	75.7	72.2	-	78.6
Not first generation	83.0	76.1	83.0	76.4	-	89.5
<b>Income Status</b>						
Low income	72.8	64.3	72.8	64.1	-	78.7
Not low income	80.7	68.0	80.7	77.1	-	84.4

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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.

## ASTR 100 Introduction To Astronomy (3.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	91.5	88.0	93.2	91.1	-	95.2
<b>Ethnicity</b>						
Asian-Domestic	93.7	96.3	93.7	92.9	-	94.3
Asian-Intl	97.1	80.0	97.1	100.0	-	93.8
African American	100.0	71.4	100.0	100.0	-	100.0
Filipino	94.9	85.7	94.9	94.1	-	95.5
Hispanic	90.0	88.5	90.0	85.3	-	94.1
Native American		-	-	-	-	-
Pacific Islander	89.5	85.7	89.5	75.0	-	93.3
White	96.8	89.8	96.8	96.4	-	97.1
Multi Races	92.2	81.0	92.2	89.7	-	95.5
Unrecorded	90.9	80.0	90.9	83.3	-	100.0
<b>Gender</b>						
Female	92.8	89.1	92.8	91.6	-	94.0
Male	94.0	87.1	94.0	91.5	-	96.1
Unrecorded	85.7	87.5	85.7	66.7	-	100.0
<b>Age</b>						
19 or less	92.7	92.5	92.7	88.8	-	96.2
20-24	93.6	82.2	93.6	93.9	-	93.3
25-29	97.4	66.7	97.4	94.7	-	100.0
30-34	81.8	100.0	81.8	66.7	-	100.0
35-39	80.0	-	80.0	80.0	-	-
40-49	100.0	100.0	100.0	100.0	-	100.0
50+	88.9	75.0	88.9	66.7	-	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	87.5	75.0	87.5	83.3	-	88.5
Not disabled	93.5	89.0	93.5	91.2	-	95.8
<b>First Generation</b>						
First generation	93.2	90.3	93.2	89.7	-	96.1
Not first generation	94.7	88.1	94.7	92.7	-	96.8
<b>Income Status</b>						
Low income	93.7	90.0	93.7	87.5	-	97.9
Not low income	93.0	87.4	93.0	92.1	-	94.0

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## ASTR 101 Astronomy Laboratory (1.0 Units), Distance Mode

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

	All Sections	Face-to-Face	Total	Distance Modes		
				Online	Hybrid	Synchronous
#Sections	15	6	9	0	0	9
#Enrollments	290	130	160	0	0	160
%Success	74.5	74.6	74.4	-	-	74.4
%Retention	92.8	93.8	91.9	-	-	91.9

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	290	44.8	55.2	-	-	55.2
<b>Ethnicity</b>						
Asian-Domestic	34	47.1	52.9	-	-	52.9
Asian-Intl	27	37.0	63.0	-	-	63.0
African American	4	50.0	50.0	-	-	50.0
Filipino	14	42.9	57.1	-	-	57.1
Hispanic	97	42.3	57.7	-	-	57.7
Native American	0	-	-	-	-	-
Pacific Islander	9	33.3	66.7	-	-	66.7
White	72	45.8	54.2	-	-	54.2
Multi Races	24	54.2	45.8	-	-	45.8
Unrecorded	9	66.7	33.3	-	-	33.3
<b>Gender</b>						
Female	149	49.0	51.0	-	-	51.0
Male	136	39.7	60.3	-	-	60.3
Unrecorded	5	60.0	40.0	-	-	40.0
<b>Age</b>						
19 or less	99	51.5	48.5	-	-	48.5
20-24	156	42.9	57.1	-	-	57.1
25-29	18	5.6	94.4	-	-	94.4
30-34	7	42.9	57.1	-	-	57.1
35-39	1	100.0	-	-	-	-
40-49	1	100.0	-	-	-	-
50+	8	75.0	25.0	-	-	25.0
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	19	31.6	68.4	-	-	68.4
Not disabled	271	45.8	54.2	-	-	54.2
<b>First Generation</b>						
First generation	124	41.1	58.9	-	-	58.9
Not first generation	119	50.4	49.6	-	-	49.6
<b>Income Status</b>						
Low income	84	41.7	58.3	-	-	58.3
Not low income	206	46.1	53.9	-	-	53.9

#### 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)  
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## ASTR 101 Astronomy Laboratory (1.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	74.5	74.6	74.4	-	-	74.4
<b>Ethnicity</b>						
Asian-Domestic	66.7	68.8	66.7	-	-	66.7
Asian-Intl	82.4	60.0	82.4	-	-	82.4
African American	50.0	50.0	50.0	-	-	50.0
Filipino	75.0	83.3	75.0	-	-	75.0
Hispanic	73.2	73.2	73.2	-	-	73.2
Native American		-	-	-	-	-
Pacific Islander	33.3	100.0	33.3	-	-	33.3
White	84.6	72.7	84.6	-	-	84.6
Multi Races	63.6	84.6	63.6	-	-	63.6
Unrecorded	100.0	100.0	100.0	-	-	100.0
<b>Gender</b>						
Female	81.6	74.0	81.6	-	-	81.6
Male	69.5	74.1	69.5	-	-	69.5
Unrecorded	0.0	100.0	0.0	-	-	0.0
<b>Age</b>						
19 or less	79.2	80.4	79.2	-	-	79.2
20-24	74.2	70.1	74.2	-	-	74.2
25-29	64.7	100.0	64.7	-	-	64.7
30-34	50.0	100.0	50.0	-	-	50.0
35-39		0.0	-	-	-	-
40-49		100.0	-	-	-	-
50+	100.0	66.7	100.0	-	-	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	61.5	100.0	61.5	-	-	61.5
Not disabled	75.5	73.4	75.5	-	-	75.5
<b>First Generation</b>						
First generation	71.2	74.5	71.2	-	-	71.2
Not first generation	79.7	73.3	79.7	-	-	79.7
<b>Income Status</b>						
Low income	75.5	77.1	75.5	-	-	75.5
Not low income	73.9	73.7	73.9	-	-	73.9

### 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.

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## ASTR 101 Astronomy Laboratory (1.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	92.8	93.8	91.9	-	-	91.9
<b>Ethnicity</b>						
Asian-Domestic	83.3	93.8	83.3	-	-	83.3
Asian-Intl	94.1	100.0	94.1	-	-	94.1
African American	50.0	100.0	50.0	-	-	50.0
Filipino	100.0	100.0	100.0	-	-	100.0
Hispanic	91.1	95.1	91.1	-	-	91.1
Native American		-	-	-	-	-
Pacific Islander	100.0	100.0	100.0	-	-	100.0
White	97.4	87.9	97.4	-	-	97.4
Multi Races	81.8	92.3	81.8	-	-	81.8
Unrecorded	100.0	100.0	100.0	-	-	100.0
<b>Gender</b>						
Female	96.1	95.9	96.1	-	-	96.1
Male	87.8	90.7	87.8	-	-	87.8
Unrecorded	100.0	100.0	100.0	-	-	100.0
<b>Age</b>						
19 or less	89.6	92.2	89.6	-	-	89.6
20-24	92.1	95.5	92.1	-	-	92.1
25-29	100.0	100.0	100.0	-	-	100.0
30-34	75.0	100.0	75.0	-	-	75.0
35-39		100.0	-	-	-	-
40-49		100.0	-	-	-	-
50+	100.0	83.3	100.0	-	-	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	92.3	100.0	92.3	-	-	92.3
Not disabled	91.8	93.5	91.8	-	-	91.8
<b>First Generation</b>						
First generation	87.7	96.1	87.7	-	-	87.7
Not first generation	98.3	90.0	98.3	-	-	98.3
<b>Income Status</b>						
Low income	91.8	97.1	91.8	-	-	91.8
Not low income	91.9	92.6	91.9	-	-	91.9

### 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.

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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.

## ASTR 103 Observational Astronomy Lab (1.0 Units), Distance Mode

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

	All Sections	Face-to-Face	Total	Distance Modes		
				Online	Hybrid	Synchronous
#Sections	7	2	5	0	0	5
#Enrollments	159	62	97	0	0	97
%Success	89.9	85.5	92.8	-	-	92.8
%Retention	96.2	90.3	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>	159	39.0	61.0	-	-	61.0
<b>Ethnicity</b>						
Asian-Domestic	26	34.6	65.4	-	-	65.4
Asian-Intl	16	50.0	50.0	-	-	50.0
African American	5	-	100.0	-	-	100.0
Filipino	10	40.0	60.0	-	-	60.0
Hispanic	38	50.0	50.0	-	-	50.0
Native American	0	-	-	-	-	-
Pacific Islander	5	-	100.0	-	-	100.0
White	40	47.5	52.5	-	-	52.5
Multi Races	14	21.4	78.6	-	-	78.6
Unrecorded	5	-	100.0	-	-	100.0
<b>Gender</b>						
Female	60	40.0	60.0	-	-	60.0
Male	96	39.6	60.4	-	-	60.4
Unrecorded	3	-	100.0	-	-	100.0
<b>Age</b>						
19 or less	45	44.4	55.6	-	-	55.6
20-24	76	34.2	65.8	-	-	65.8
25-29	17	29.4	70.6	-	-	70.6
30-34	7	14.3	85.7	-	-	85.7
35-39	0	-	-	-	-	-
40-49	4	50.0	50.0	-	-	50.0
50+	10	80.0	20.0	-	-	20.0
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	7	-	100.0	-	-	100.0
Not disabled	152	40.8	59.2	-	-	59.2
<b>First Generation</b>						
First generation	63	33.3	66.7	-	-	66.7
Not first generation	74	43.2	56.8	-	-	56.8
<b>Income Status</b>						
Low income	32	37.5	62.5	-	-	62.5
Not low income	127	39.4	60.6	-	-	60.6

#### 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

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## ASTR 103 Observational Astronomy Lab (1.0 Units), Distance Mode (cont.)

### Student Success

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Success</b>	89.9	85.5	92.8	-	-	92.8
<b>Ethnicity</b>						
Asian-Domestic	94.1	66.7	94.1	-	-	94.1
Asian-Intl	87.5	75.0	87.5	-	-	87.5
African American	80.0	-	80.0	-	-	80.0
Filipino	100.0	100.0	100.0	-	-	100.0
Hispanic	89.5	94.7	89.5	-	-	89.5
Native American		-	-	-	-	-
Pacific Islander	100.0	-	100.0	-	-	100.0
White	95.2	84.2	95.2	-	-	95.2
Multi Races	90.9	100.0	90.9	-	-	90.9
Unrecorded	100.0	-	100.0	-	-	100.0
<b>Gender</b>						
Female	97.2	87.5	97.2	-	-	97.2
Male	89.7	84.2	89.7	-	-	89.7
Unrecorded	100.0	-	100.0	-	-	100.0
<b>Age</b>						
19 or less	100.0	100.0	100.0	-	-	100.0
20-24	92.0	80.8	92.0	-	-	92.0
25-29	75.0	100.0	75.0	-	-	75.0
30-34	100.0	0.0	100.0	-	-	100.0
35-39		-	-	-	-	-
40-49	100.0	50.0	100.0	-	-	100.0
50+	100.0	75.0	100.0	-	-	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	85.7	-	85.7	-	-	85.7
Not disabled	93.3	85.5	93.3	-	-	93.3
<b>First Generation</b>						
First generation	88.1	95.2	88.1	-	-	88.1
Not first generation	95.2	81.3	95.2	-	-	95.2
<b>Income Status</b>						
Low income	95.0	91.7	95.0	-	-	95.0
Not low income	92.2	84.0	92.2	-	-	92.2

### 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.

## ASTR 103 Observational Astronomy Lab (1.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	96.2	90.3	100.0	-	-	100.0
<b>Ethnicity</b>						
Asian-Domestic	100.0	88.9	100.0	-	-	100.0
Asian-Intl	100.0	75.0	100.0	-	-	100.0
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	100.0	-	100.0	-	-	100.0
White	100.0	84.2	100.0	-	-	100.0
Multi Races	100.0	100.0	100.0	-	-	100.0
Unrecorded	100.0	-	100.0	-	-	100.0
<b>Gender</b>						
Female	100.0	91.7	100.0	-	-	100.0
Male	100.0	89.5	100.0	-	-	100.0
Unrecorded	100.0	-	100.0	-	-	100.0
<b>Age</b>						
19 or less	100.0	100.0	100.0	-	-	100.0
20-24	100.0	84.6	100.0	-	-	100.0
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	50.0	100.0	-	-	100.0
50+	100.0	87.5	100.0	-	-	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	-	-	100.0
Not disabled	100.0	90.3	100.0	-	-	100.0
<b>First Generation</b>						
First generation	100.0	100.0	100.0	-	-	100.0
Not first generation	100.0	87.5	100.0	-	-	100.0
<b>Income Status</b>						
Low income	100.0	100.0	100.0	-	-	100.0
Not low income	100.0	88.0	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.

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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.

#### 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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## ASTR 125 Stars, Galaxies and Cosmology (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	2	2	0	0	2
#Enrollments	103	58	45	0	0	45
%Success	60.2	46.6	77.8	-	-	77.8
%Retention	84.5	75.9	95.6	-	-	95.6

### Part II—Demographic Profile: Enrollment

Demographic Variable	All Sections	Face-to-Face (Row %)	Distance Modes (Row %)			
			Total	Online	Hybrid	Synchronous
<b>Total Enrollments</b>	103	56.3	43.7	-	-	43.7
<b>Ethnicity</b>						
Asian-Domestic	8	-	100.0	-	-	100.0
Asian-Intl	3	66.7	33.3	-	-	33.3
African American	7	57.1	42.9	-	-	42.9
Filipino	8	37.5	62.5	-	-	62.5
Hispanic	35	54.3	45.7	-	-	45.7
Native American	0	-	-	-	-	-
Pacific Islander	4	50.0	50.0	-	-	50.0
White	22	81.8	18.2	-	-	18.2
Multi Races	13	69.2	30.8	-	-	30.8
Unrecorded	3	33.3	66.7	-	-	66.7
<b>Gender</b>						
Female	37	40.5	59.5	-	-	59.5
Male	59	66.1	33.9	-	-	33.9
Unrecorded	7	57.1	42.9	-	-	42.9
<b>Age</b>						
19 or less	45	53.3	46.7	-	-	46.7
20-24	34	58.8	41.2	-	-	41.2
25-29	10	30.0	70.0	-	-	70.0
30-34	2	50.0	50.0	-	-	50.0
35-39	1	100.0	-	-	-	-
40-49	4	75.0	25.0	-	-	25.0
50+	7	85.7	14.3	-	-	14.3
Unrecorded	0	-	-	-	-	-
<b>Disability Status</b>						
Disabled	2	-	100.0	-	-	100.0
Not disabled	101	57.4	42.6	-	-	42.6
<b>First Generation</b>						
First generation	39	69.2	30.8	-	-	30.8
Not first generation	58	48.3	51.7	-	-	51.7
<b>Income Status</b>						
Low income	23	52.2	47.8	-	-	47.8
Not low income	80	57.5	42.5	-	-	42.5

#### 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.

##### 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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## ASTR 125 Stars, Galaxies and Cosmology (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>	60.2	46.6	77.8	-	-	77.8
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	100.0	-	-	100.0
Asian-Intl	100.0	50.0	100.0	-	-	100.0
African American	100.0	25.0	100.0	-	-	100.0
Filipino	40.0	0.0	40.0	-	-	40.0
Hispanic	75.0	63.2	75.0	-	-	75.0
Native American		-	-	-	-	-
Pacific Islander	50.0	0.0	50.0	-	-	50.0
White	100.0	55.6	100.0	-	-	100.0
Multi Races	75.0	33.3	75.0	-	-	75.0
Unrecorded	50.0	0.0	50.0	-	-	50.0
<b>Gender</b>						
Female	81.8	60.0	81.8	-	-	81.8
Male	75.0	46.2	75.0	-	-	75.0
Unrecorded	66.7	0.0	66.7	-	-	66.7
<b>Age</b>						
19 or less	90.5	45.8	90.5	-	-	90.5
20-24	71.4	40.0	71.4	-	-	71.4
25-29	57.1	33.3	57.1	-	-	57.1
30-34	100.0	0.0	100.0	-	-	100.0
35-39		0.0	-	-	-	-
40-49	0.0	66.7	0.0	-	-	0.0
50+	100.0	83.3	100.0	-	-	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	50.0	-	50.0	-	-	50.0
Not disabled	79.1	46.6	79.1	-	-	79.1
<b>First Generation</b>						
First generation	75.0	59.3	75.0	-	-	75.0
Not first generation	83.3	39.3	83.3	-	-	83.3
<b>Income Status</b>						
Low income	72.7	25.0	72.7	-	-	72.7
Not low income	79.4	52.2	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.

Prepared by the Office of Planning, Research, Innovation, and Effectiveness (PRIE)  
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## ASTR 125 Stars, Galaxies and Cosmology (3.0 Units), Distance Mode (cont.)

### Retention

Demographic Variable	All Sections	Face-to-Face (%)	Total	Distance Modes (%)		
				Online	Hybrid	Synchronous
<b>Total Retention</b>	84.5	75.9	95.6	-	-	95.6
<b>Ethnicity</b>						
Asian-Domestic	100.0	-	100.0	-	-	100.0
Asian-Intl	100.0	50.0	100.0	-	-	100.0
African American	100.0	50.0	100.0	-	-	100.0
Filipino	100.0	66.7	100.0	-	-	100.0
Hispanic	100.0	94.7	100.0	-	-	100.0
Native American		-	-	-	-	-
Pacific Islander	50.0	0.0	50.0	-	-	50.0
White	100.0	77.8	100.0	-	-	100.0
Multi Races	100.0	77.8	100.0	-	-	100.0
Unrecorded	50.0	0.0	50.0	-	-	50.0
<b>Gender</b>						
Female	95.5	80.0	95.5	-	-	95.5
Male	95.0	76.9	95.0	-	-	95.0
Unrecorded	100.0	50.0	100.0	-	-	100.0
<b>Age</b>						
19 or less	100.0	75.0	100.0	-	-	100.0
20-24	92.9	85.0	92.9	-	-	92.9
25-29	100.0	66.7	100.0	-	-	100.0
30-34	100.0	0.0	100.0	-	-	100.0
35-39		0.0	-	-	-	-
40-49	0.0	66.7	0.0	-	-	0.0
50+	100.0	83.3	100.0	-	-	100.0
Unrecorded		-	-	-	-	-
<b>Disability Status</b>						
Disabled	100.0	-	100.0	-	-	100.0
Not disabled	95.3	75.9	95.3	-	-	95.3
<b>First Generation</b>						
First generation	91.7	85.2	91.7	-	-	91.7
Not first generation	96.7	71.4	96.7	-	-	96.7
<b>Income Status</b>						
Low income	90.9	75.0	90.9	-	-	90.9
Not low income	97.1	76.1	97.1	-	-	97.1

### DEFINITIONS & NOTES

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