

PHYS 100 Conceptual Physics (3.0 Units), Online Mode

Part I—Summary: Enrollment and Student Outcomes

	2018-19		2019-20		2020-21		Total	
	Distance	Traditional	Distance	Traditional	Distance	Traditional	Distance	Traditional
#Sections	1	2	0	1	0	0	1	3
#Enrollments	36	52	0	25	0	0	36	77
%Success	55.6	75.0	-	72.0	-	-	55.6	74.0
%Retention	66.7	88.5	-	96.0	-	-	66.7	90.9

Part II—Demographic Profile: Enrollment and Student Outcomes

Demographic Variable	Distance		Traditional		Distance		Traditional	
	Count	%	Count	%	% Success	% Retention	% Success	% Retention
Ethnicity								
Asian-Domestic	6	16.7	13	16.9	66.7	66.7	92.3	100.0
Asian-Intl	4	11.1	16	20.8	50.0	50.0	75.0	100.0
African American	0	0.0	1	1.3	-	-	0.0	0.0
Filipino	4	11.1	2	2.6	50.0	75.0	50.0	50.0
Hispanic	8	22.2	11	14.3	50.0	62.5	54.5	81.8
Native American	0	0.0	0	0.0	-	-	-	-
Pacific Islander	0	0.0	2	2.6	-	-	50.0	100.0
White	8	22.2	26	33.8	50.0	50.0	76.9	88.5
Other	4	11.1	5	6.5	75.0	100.0	80.0	100.0
Unrecorded	2	5.6	1	1.3	50.0	100.0	100.0	100.0
<i>Total</i>	36	100	77	100	55.6	66.7	74.0	90.9
Gender								
Female	16	44.4	31	40.3	56.3	68.8	80.6	90.3
Male	20	55.6	46	59.7	55.0	65.0	69.6	91.3
Unrecorded	0	0.0	0	0.0	-	-	-	-
<i>Total</i>	36	100	77	100	55.6	66.7	74.0	90.9
Age								
19 or less	14	38.9	40	51.9	71.4	71.4	82.5	95.0
20-24	10	27.8	25	32.5	50.0	70.0	68.0	88.0
25-29	7	19.4	10	13.0	42.9	71.4	50.0	80.0
30-34	2	5.6	1	1.3	50.0	50.0	100.0	100.0
35-39	2	5.6	0	0.0	50.0	50.0	-	-
40-49	1	2.8	0	0.0	0.0	0.0	-	-
50+	0	0.0	1	1.3	-	-	100.0	100.0
Unrecorded	0	0.0	0	0.0	-	-	-	-
<i>Total</i>	36	100	77	100	55.6	66.7	74.0	90.9
Disability Status								
Has disability	0	0.0	4	5.2	-	-	50.0	100.0
No disability	36	100.0	73	94.8	55.6	66.7	75.3	90.4
First Generation								
First generation	15	46.9	27	47.4	33.3	53.3	63.0	81.5
Not first generation	17	53.1	30	52.6	70.6	76.5	86.7	93.3
Income Status								
Low income	8	22.2	12	15.6	50.0	75.0	75.0	100.0
Not low income	28	77.8	65	84.4	57.1	64.3	73.8	89.2

DEFINITIONS & NOTES

Overview of Data

This is a delivery-mode comparison of student success in online courses with their traditional mode counterparts, if offered. The comparison spans 3 terms comprised of fall 2018, spring 2019, and fall 2019.

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. Data combine all 3 terms.

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, and Institutional Effectiveness (PRIE)
collegeofsanmateo.edu/prie

PHYS 150 Preparation for Physics (4.0 Units), Online Mode

Part I—Summary: Enrollment and Student Outcomes

	2018-19		2019-20		2020-21		Total	
	Distance	Traditional	Distance	Traditional	Distance	Traditional	Distance	Traditional
#Sections	1	0	0	0	0	0	1	0
#Enrollments	14	0	0	0	0	0	14	0
%Success	28.6	-	-	-	-	-	28.6	-
%Retention	71.4	-	-	-	-	-	71.4	-

Part II—Demographic Profile: Enrollment and Student Outcomes

Demographic Variable	Distance		Traditional		Distance		Traditional	
	Count	%	Count	%	% Success	% Retention	% Success	% Retention
Ethnicity								
Asian-Domestic	1	7.1	0	-	0.0	100.0	-	-
Asian-Intl	3	21.4	0	-	0.0	66.7	-	-
African American	0	0.0	0	-	-	-	-	-
Filipino	2	14.3	0	-	0.0	50.0	-	-
Hispanic	5	35.7	0	-	60.0	80.0	-	-
Native American	0	0.0	0	-	-	-	-	-
Pacific Islander	0	0.0	0	-	-	-	-	-
White	3	21.4	0	-	33.3	66.7	-	-
Other	0	0.0	0	-	-	-	-	-
Unrecorded	0	0.0	0	-	-	-	-	-
<i>Total</i>	14	100	0	-	28.6	71.4	-	-
Gender								
Female	2	14.3	0	-	100.0	100.0	-	-
Male	12	85.7	0	-	16.7	66.7	-	-
Unrecorded	0	0.0	0	-	-	-	-	-
<i>Total</i>	14	100	0	-	28.6	71.4	-	-
Age								
19 or less	8	57.1	0	-	25.0	87.5	-	-
20-24	4	28.6	0	-	50.0	50.0	-	-
25-29	2	14.3	0	-	0.0	50.0	-	-
30-34	0	0.0	0	-	-	-	-	-
35-39	0	0.0	0	-	-	-	-	-
40-49	0	0.0	0	-	-	-	-	-
50+	0	0.0	0	-	-	-	-	-
Unrecorded	0	0.0	0	-	-	-	-	-
<i>Total</i>	14	100	0	-	28.6	71.4	-	-
Disability Status								
Has disability	1	7.1	0	-	0.0	100.0	-	-
No disability	13	92.9	0	-	30.8	69.2	-	-
First Generation								
First generation	8	72.7	0	-	25.0	62.5	-	-
Not first generation	3	27.3	0	-	66.7	100.0	-	-
Income Status								
Low income	6	42.9	0	-	33.3	66.7	-	-
Not low income	8	57.1	0	-	25.0	75.0	-	-

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. Data combine all 3 terms.

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

PHYS 211 General Physics I-Calculus Sup (1.0 Units), Online Mode

Part I—Summary: Enrollment and Student Outcomes

	2018-19		2019-20		2020-21		Total	
	Distance	Traditional	Distance	Traditional	Distance	Traditional	Distance	Traditional
#Sections	2	0	1	0	0	0	3	0
#Enrollments	44	0	23	0	0	0	67	0
%Success	52.3	-	56.5	-	-	-	53.7	-
%Retention	72.7	-	65.2	-	-	-	70.1	-

Part II—Demographic Profile: Enrollment and Student Outcomes

Demographic Variable	Distance		Traditional		Distance		Traditional	
	Count	%	Count	%	% Success	% Retention	% Success	% Retention
Ethnicity								
Asian-Domestic	17	25.4	0	-	58.8	82.4	-	-
Asian-Intl	8	11.9	0	-	62.5	87.5	-	-
African American	0	0.0	0	-	-	-	-	-
Filipino	8	11.9	0	-	37.5	62.5	-	-
Hispanic	12	17.9	0	-	25.0	25.0	-	-
Native American	0	0.0	0	-	-	-	-	-
Pacific Islander	0	0.0	0	-	-	-	-	-
White	19	28.4	0	-	63.2	78.9	-	-
Other	0	0.0	0	-	-	-	-	-
Unrecorded	3	4.5	0	-	100.0	100.0	-	-
<i>Total</i>	67	100	0	-	53.7	70.1	-	-
Gender								
Female	39	58.2	0	-	51.3	69.2	-	-
Male	28	41.8	0	-	57.1	71.4	-	-
Unrecorded	0	0.0	0	-	-	-	-	-
<i>Total</i>	67	100	0	-	53.7	70.1	-	-
Age								
19 or less	22	32.8	0	-	59.1	68.2	-	-
20-24	41	61.2	0	-	48.8	70.7	-	-
25-29	3	4.5	0	-	66.7	66.7	-	-
30-34	0	0.0	0	-	-	-	-	-
35-39	0	0.0	0	-	-	-	-	-
40-49	0	0.0	0	-	-	-	-	-
50+	1	1.5	0	-	100.0	100.0	-	-
Unrecorded	0	0.0	0	-	-	-	-	-
<i>Total</i>	67	100	0	-	53.7	70.1	-	-
Disability Status								
Has disability	6	9.0	0	-	50.0	50.0	-	-
No disability	61	91.0	0	-	54.1	72.1	-	-
First Generation								
First generation	22	38.6	0	-	31.8	54.5	-	-
Not first generation	35	61.4	0	-	65.7	74.3	-	-
Income Status								
Low income	11	16.4	0	-	45.5	54.5	-	-
Not low income	56	83.6	0	-	55.4	73.2	-	-

DEFINITIONS & NOTES

Overview of Data

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Part II: Demographic Profile

Displays comparative demographic *aggregated success and retention* data. Data combine all 3 terms.

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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PHYS 221 Gen Physics II Calculus Sup (1.0 Units), Online Mode

Part I—Summary: Enrollment and Student Outcomes

	2018-19		2019-20		2020-21		Total	
	Distance	Traditional	Distance	Traditional	Distance	Traditional	Distance	Traditional
#Sections	1	0	0	0	0	0	1	0
#Enrollments	18	0	0	0	0	0	18	0
%Success	61.1	-	-	-	-	-	61.1	-
%Retention	77.8	-	-	-	-	-	77.8	-

Part II—Demographic Profile: Enrollment and Student Outcomes

Demographic Variable	Distance		Traditional		Distance		Traditional	
	Count	%	Count	%	% Success	% Retention	% Success	% Retention
Ethnicity								
Asian-Domestic	7	38.9	0	-	71.4	85.7	-	-
Asian-Intl	3	16.7	0	-	66.7	66.7	-	-
African American	0	0.0	0	-	-	-	-	-
Filipino	1	5.6	0	-	0.0	100.0	-	-
Hispanic	0	0.0	0	-	-	-	-	-
Native American	0	0.0	0	-	-	-	-	-
Pacific Islander	0	0.0	0	-	-	-	-	-
White	6	33.3	0	-	50.0	66.7	-	-
Other	0	0.0	0	-	-	-	-	-
Unrecorded	1	5.6	0	-	100.0	100.0	-	-
<i>Total</i>	18	100	0	-	61.1	77.8	-	-
Gender								
Female	10	55.6	0	-	50.0	70.0	-	-
Male	8	44.4	0	-	75.0	87.5	-	-
Unrecorded	0	0.0	0	-	-	-	-	-
<i>Total</i>	18	100	0	-	61.1	77.8	-	-
Age								
19 or less	2	11.1	0	-	100.0	100.0	-	-
20-24	16	88.9	0	-	56.3	75.0	-	-
25-29	0	0.0	0	-	-	-	-	-
30-34	0	0.0	0	-	-	-	-	-
35-39	0	0.0	0	-	-	-	-	-
40-49	0	0.0	0	-	-	-	-	-
50+	0	0.0	0	-	-	-	-	-
Unrecorded	0	0.0	0	-	-	-	-	-
<i>Total</i>	18	100	0	-	61.1	77.8	-	-
Disability Status								
Has disability	0	0.0	0	-	-	-	-	-
No disability	18	100.0	0	-	61.1	77.8	-	-
First Generation								
First generation	7	50.0	0	-	57.1	71.4	-	-
Not first generation	7	50.0	0	-	57.1	85.7	-	-
Income Status								
Low income	4	22.2	0	-	100.0	100.0	-	-
Not low income	14	77.8	0	-	50.0	71.4	-	-

DEFINITIONS & NOTES

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% Success

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First Generation

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

Low Income

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PHYS 270 Physics with Calculus III (4.0 Units), Online Mode

Part I—Summary: Enrollment and Student Outcomes

	2018-19		2019-20		2020-21		Total	
	Distance	Traditional	Distance	Traditional	Distance	Traditional	Distance	Traditional
#Sections	1	2	0	1	0	0	1	3
#Enrollments	18	47	0	30	0	0	18	77
%Success	83.3	66.0	-	76.7	-	-	83.3	70.1
%Retention	100.0	100.0	-	100.0	-	-	100.0	100.0

Part II—Demographic Profile: Enrollment and Student Outcomes

Demographic Variable	Distance		Traditional		Distance		Traditional	
	Count	%	Count	%	% Success	% Retention	% Success	% Retention
Ethnicity								
Asian-Domestic	2	11.1	12	15.6	100.0	100.0	58.3	100.0
Asian-Intl	8	44.4	27	35.1	87.5	100.0	70.4	100.0
African American	0	0.0	1	1.3	-	-	100.0	100.0
Filipino	0	0.0	9	11.7	-	-	55.6	100.0
Hispanic	3	16.7	10	13.0	66.7	100.0	70.0	100.0
Native American	0	0.0	0	0.0	-	-	-	-
Pacific Islander	1	5.6	0	0.0	0.0	100.0	-	-
White	4	22.2	12	15.6	100.0	100.0	91.7	100.0
Other	0	0.0	6	7.8	-	-	66.7	100.0
Unrecorded	0	0.0	0	0.0	-	-	-	-
<i>Total</i>	18	100	77	100	83.3	100.0	70.1	100.0
Gender								
Female	3	16.7	19	24.7	66.7	100.0	89.5	100.0
Male	15	83.3	58	75.3	86.7	100.0	63.8	100.0
Unrecorded	0	0.0	0	0.0	-	-	-	-
<i>Total</i>	18	100	77	100	83.3	100.0	70.1	100.0
Age								
19 or less	2	11.1	15	19.5	100.0	100.0	60.0	100.0
20-24	11	61.1	53	68.8	72.7	100.0	69.8	100.0
25-29	3	16.7	6	7.8	100.0	100.0	83.3	100.0
30-34	1	5.6	1	1.3	100.0	100.0	100.0	100.0
35-39	1	5.6	1	1.3	100.0	100.0	100.0	100.0
40-49	0	0.0	1	1.3	-	-	100.0	100.0
50+	0	0.0	0	0.0	-	-	-	-
Unrecorded	0	0.0	0	0.0	-	-	-	-
<i>Total</i>	18	100	77	100	83.3	100.0	70.1	100.0
Disability Status								
Has disability	0	0.0	1	1.3	-	-	100.0	100.0
No disability	18	100.0	76	98.7	83.3	100.0	69.7	100.0
First Generation								
First generation	4	50.0	23	47.9	50.0	100.0	56.5	100.0
Not first generation	4	50.0	25	52.1	100.0	100.0	84.0	100.0
Income Status								
Low income	4	22.2	18	23.4	100.0	100.0	55.6	100.0
Not low income	14	77.8	59	76.6	78.6	100.0	74.6	100.0

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