

## ENGR 215 Computational Methods for Engr (3.0 Units), Online Mode

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

	Fall 2009		Fall 2010		Fall 2011		Total	
	Distance	Traditional	Distance	Traditional	Distance	Traditional	Distance	Traditional
# Sections	1	1	1	1	1	1	3	3
#Enrollments	13	16	12	18	7	16	32	50
% Success	53.8	68.8	33.3	68.8	57.1	68.8	46.9	62
% Retention	76.9	68.8	58.3	72.2	71.4	75	68.8	72

### Part II—Demographic Profile: Enrollment and Student Outcomes

Demographic Variable	Distance		Traditional		Distance				Traditional			
	Count	%	Count	%	Success	Retention	% Success	% Retention	Success	Retention	% Success	% Retention
<b>Ethnicity</b>												
Asian	15	46.9	15	30	9	14	60.0	93.3	8	10	53.3	66.7
Black	0	0.0	1	2	0	0	0.0	0.0	0	0	0.0	0.0
Filipino	0	0.0	7	14	0	0	0.0	0.0	6	6	85.7	85.7
Hispanic	5	15.6	5	10	3	4	60.0	80.0	3	4	60.0	80.0
Native Am	0	0.0	0	0	0	0	0.0	0.0	0	0	0.0	0.0
Pac Islander	1	3.1	0	0	0	0	0.0	0.0	0	0	0.0	0.0
White	8	25.0	11	22	2	3	25.0	37.5	8	8	72.7	72.7
Other	2	6.3	3	6	0	0	0.0	0.0	2	3	66.7	100.0
Unrecorded	1	3.1	8	16	1	1	100.0	100.0	4	5	50.0	62.5
<b>Total</b>	<b>32</b>	<b>100</b>	<b>50</b>	<b>100</b>	<b>15</b>	<b>22</b>	<b>46.9</b>	<b>68.8</b>	<b>31</b>	<b>36</b>	<b>62</b>	<b>72</b>
<b>Gender</b>												
Female	5	15.6	6	12	3	5	60.0	100.0	4	5	66.7	83.3
Male	26	81.3	41	82	11	16	42.3	61.5	26	29	63.4	70.7
Unrecorded	1	3.1	3	6	1	1	100.0	100.0	1	2	33.3	66.7
<b>Total</b>	<b>32</b>	<b>100</b>	<b>50</b>	<b>100</b>	<b>15</b>	<b>22</b>	<b>46.9</b>	<b>68.8</b>	<b>31</b>	<b>36</b>	<b>62</b>	<b>72</b>
<b>Age</b>												
19 or less	4	12.5	9	18	3	3	75.0	75.0	5	7	55.6	77.8
20-24	17	53.1	30	60	7	11	41.2	64.7	18	20	60.0	66.7
25-29	4	12.5	8	16	2	4	50.0	100.0	7	7	87.5	87.5
30-34	2	6.3	0	0	1	2	50.0	100.0	0	0	0.0	0.0
35-39	1	3.1	1	2	1	1	100.0	100.0	1	1	100.0	100.0
40-49	1	3.1	0	0	1	1	100.0	100.0	0	0	0.0	0.0
50+	3	9.4	0	0	0	0	0.0	0.0	0	0	0.0	0.0
Unrecorded	0	0.0	2	4	0	0	0.0	0.0	0	1	0.0	50.0
<b>Total</b>	<b>32</b>	<b>100</b>	<b>50</b>	<b>100</b>	<b>15</b>	<b>22</b>	<b>46.9</b>	<b>68.8</b>	<b>31</b>	<b>36</b>	<b>62</b>	<b>72</b>

#### DEFINITIONS AND 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 Fall semesters only: F'09, F'10, F'11.

#### Part I: Enrollment & Student Outcomes

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

#### Part II: Demographic Profile

Displays comparative demographic data aggregated with retention and success data. This includes totals for all Fall semesters combined.

**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, P at end-of-term."

(\* ) Indicates no distance course offered and no comparison

Prepared by the Office of Planning,  
 Research, and Institutional  
 Effectiveness (PRIE)  
 collegeofsanmateo.edu/prie

**ENGR 230 Engineering Statics (3.0 Units), Online Mode**  
**Part I—Summary: Enrollment and Student Outcomes**

	Fall 2009		Fall 2010		Fall 2011		Total	
	Distance	Traditional	Distance	Traditional	Distance	Traditional	Distance	Traditional
# Sections	0	1	0	1	1	1	1	3
#Enrollments	0	17	0	15	5	13	5	45
% Success	0	82.4	0	82.4	20	61.5	20	73.3
% Retention	0	82.4	0	80	40	76.9	40	80

**Part II—Demographic Profile: Enrollment and Student Outcomes**

Demographic Variable	Distance		Traditional		Distance				Traditional			
	Count	%	Count	%	Success	Retention	% Success	% Retention	Success	Retention	% Success	% Retention
<b>Ethnicity</b>												
Asian	0	0.0	16	35.6	0	0	0.0	0.0	13	15	81.2	93.7
Black	0	0.0	0	0	0	0	0.0	0.0	0	0	0.0	0.0
Filipino	1	20.0	2	4.4	0	1	0.0	100.0	2	2	100.0	100.0
Hispanic	0	0.0	1	2.2	0	0	0.0	0.0	0	0	0.0	0.0
Native Am	0	0.0	0	0	0	0	0.0	0.0	0	0	0.0	0.0
Pac Islander	0	0.0	0	0	0	0	0.0	0.0	0	0	0.0	0.0
White	2	40.0	18	40	1	1	50.0	50.0	12	13	66.7	72.2
Other	2	40.0	4	8.9	0	0	0.0	0.0	3	3	75.0	75.0
Unrecorded	0	0.0	4	8.9	0	0	0.0	0.0	3	3	75.0	75.0
<b>Total</b>	<b>5</b>	<b>100</b>	<b>45</b>	<b>100</b>	<b>1</b>	<b>2</b>	<b>20</b>	<b>40</b>	<b>33</b>	<b>36</b>	<b>73.3</b>	<b>80</b>
<b>Gender</b>												
Female	1	20.0	3	6.7	0	0	0.0	0.0	2	2	66.7	66.7
Male	4	80.0	39	86.7	1	2	25.0	50.0	28	31	71.8	79.5
Unrecorded	0	0.0	3	6.7	0	0	0.0	0.0	3	3	100.0	100.0
<b>Total</b>	<b>5</b>	<b>100</b>	<b>45</b>	<b>100</b>	<b>1</b>	<b>2</b>	<b>20</b>	<b>40</b>	<b>33</b>	<b>36</b>	<b>73.3</b>	<b>80</b>
<b>Age</b>												
19 or less	0	0.0	4	8.9	0	0	0.0	0.0	2	2	50.0	50.0
20-24	3	60.0	31	68.9	0	1	0.0	33.3	23	26	74.2	83.9
25-29	1	20.0	8	17.8	0	0	0.0	0.0	7	7	87.5	87.5
30-34	1	20.0	0	0	1	1	100.0	100.0	0	0	0.0	0.0
35-39	0	0.0	0	0	0	0	0.0	0.0	0	0	0.0	0.0
40-49	0	0.0	0	0	0	0	0.0	0.0	0	0	0.0	0.0
50+	0	0.0	1	2.2	0	0	0.0	0.0	0	0	0.0	0.0
Unrecorded	0	0.0	1	2.2	0	0	0.0	0.0	1	1	100.0	100.0
<b>Total</b>	<b>5</b>	<b>100</b>	<b>45</b>	<b>100</b>	<b>1</b>	<b>2</b>	<b>20</b>	<b>40</b>	<b>33</b>	<b>36</b>	<b>73.3</b>	<b>80</b>

**DEFINITIONS AND NOTES:**

Distance course not offered Fall 2009 and Fall 2010.

**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 Fall semesters only: F'09, F'10, F'11.

**Part I: Enrollment & Student Outcomes**

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

**Part II: Demographic Profile**

Displays comparative demographic data aggregated with retention and success data. This includes totals for all Fall semesters combined.

**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, P at end-of-term."

**(\*) Indicates no distance course offered and no comparison**

Prepared by the Office of Planning,  
 Research, and Institutional  
 Effectiveness (PRIE)  
 collegeofsanmateo.edu/prie