

**ENGR 215 Computational Methods for Engr (3.0 Units), Online Mode**  
**Part I—Summary: Enrollment and Student Outcomes**

	Fall 2008		Fall 2009		Fall 2010		Total	
	Distance	Traditional	Distance	Traditional	Distance	Traditional	Distance	Traditional
# Sections	1	1	1	1	1	1	3	3
#Enrollments	12	9	13	16	12	18	37	43
% Success	50	66.7	53.8	66.7	33.3	50	45.9	60.5
% Retention	58.3	77.8	76.9	68.8	58.3	72.2	64.9	72.1

**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	17	45.9	14	32.6	10	15	58.8	88.2	8	10	57.1	71.4
Black	0	0.0	0	0	0	0	0.0	0.0	0	0	0.0	0.0
Filipino	0	0.0	3	7	0	0	0.0	0.0	2	2	66.7	66.7
Hispanic	4	10.8	7	16.3	2	3	50.0	75.0	4	5	57.1	71.4
Native Am	0	0.0	0	0	0	0	0.0	0.0	0	0	0.0	0.0
Pac Islander	1	2.7	0	0	0	0	0.0	0.0	0	0	0.0	0.0
White	10	27.0	11	25.6	3	4	30.0	40.0	9	9	81.8	81.8
Other	2	5.4	1	2.3	0	0	0.0	0.0	0	1	0.0	100.0
Unrecorded	3	8.1	7	16.3	2	2	66.7	66.7	3	4	42.9	57.1
<b>Total</b>	<b>37</b>	<b>100</b>	<b>43</b>	<b>100</b>	<b>17</b>	<b>24</b>	<b>45.9</b>	<b>64.9</b>	<b>26</b>	<b>31</b>	<b>60.5</b>	<b>72.1</b>
<b>Gender</b>												
Female	6	16.2	8	18.6	3	5	50.0	83.3	6	7	75.0	87.5
Male	29	78.4	32	74.4	13	18	44.8	62.1	18	21	56.2	65.6
Unrecorded	2	5.4	3	7	1	1	50.0	50.0	2	3	66.7	100.0
<b>Total</b>	<b>37</b>	<b>100</b>	<b>43</b>	<b>100</b>	<b>17</b>	<b>24</b>	<b>45.9</b>	<b>64.9</b>	<b>26</b>	<b>31</b>	<b>60.5</b>	<b>72.1</b>
<b>Age</b>												
19 or less	6	16.2	10	23.3	5	5	83.3	83.3	6	8	60.0	80.0
20-24	17	45.9	25	58.1	7	11	41.2	64.7	13	15	52.0	60.0
25-29	5	13.5	5	11.6	1	3	20.0	60.0	5	5	100.0	100.0
30-34	3	8.1	0	0	2	3	66.7	100.0	0	0	0.0	0.0
35-39	1	2.7	1	2.3	1	1	100.0	100.0	1	1	100.0	100.0
40-49	3	8.1	0	0	1	1	33.3	33.3	0	0	0.0	0.0
50+	2	5.4	0	0	0	0	0.0	0.0	0	0	0.0	0.0
Unrecorded	0	0.0	2	4.7	0	0	0.0	0.0	1	2	50.0	100.0
<b>Total</b>	<b>37</b>	<b>100</b>	<b>43</b>	<b>100</b>	<b>17</b>	<b>24</b>	<b>45.9</b>	<b>64.9</b>	<b>26</b>	<b>31</b>	<b>60.5</b>	<b>72.1</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: F08, F'09, F'10.

**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