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

Part I—Summary: Enrollment and Student Outcomes

Fall 2012		Fall 2013		Fall 2014		Total	
Distance	Traditional	Distance	Traditional	Distance	Traditional	Distance	Traditional
1	1	1	1	1	1	3	3
8	19	15	20	15	24	38	63
50.0	63.2	66.7	70.0	26.7	58.3	47.4	63.5
62.5	73.7	66.7	85.0	33.3	75.0	52.6	77.8
	Distance 1 8 50.0	DistanceTraditional1181950.063.2	DistanceTraditionalDistance1118191550.063.266.7	Distance Traditional Distance Traditional 1 1 1 1 8 19 15 20 50.0 63.2 66.7 70.0	DistanceTraditionalDistanceTraditionalDistance1111181915201550.063.266.770.026.7	DistanceTraditionalDistanceTraditionalDistanceTraditional1111118191520152450.063.266.770.026.758.3	DistanceTraditionalDistanceTraditionalDistanceTraditionalDistance1111113819152015243850.063.266.770.026.758.347.4

Part II—Demographic Profile: Enrollment and Student Outcomes

African American 1 1 Filipino 2 1 Hispanic 5 1 Native American 0 1 Pacific Islander 0 1 White 12 3 Other 6 1 Unrecorded 4 1 Total 38 1 Gender 11 2 Female 11 2 Male 25 6 Unrecorded 2 1 Age 38 1 19 or less 12 3 20-24 18 4	2.6 5.3 13.2 0.0 0.0	nt % 13 20.6 2 3.2 3 4.8 11 17.5 0 0.0 2 3.2 15 23.8 9 14.3 8 12.7	0.0 50.0 20.0 - - 66.7	% Retention 50.0 0.0 50.0 20.0 - -	% Success 53.8 50.0 100.0 72.7 -	% Retention 76.9 50.0 100.0 81.8
Asian 8 2 African American 1 2 Filipino 2 2 Hispanic 5 1 Native American 0 2 Pacific Islander 0 2 White 12 3 Other 6 1 Unrecorded 4 1 Total 38 38 Gender 25 6 Unrecorded 2 6 Unrecorded 3 6 19 or less 12 3 20-24 18 4	2.6 5.3 (3.2 0.0 0.0 31.6 (5.8	2 3.2 3 4.8 11 17.5 0 0.0 2 3.2 15 23.8 9 14.3	0.0 50.0 20.0 - - 66.7	0.0 50.0 20.0 -	50.0 100.0	50.0 100.0 81.8
African American 1 1 Filipino 2 1 Hispanic 5 1 Native American 0 1 Pacific Islander 0 1 White 12 3 Other 6 1 Unrecorded 4 1 Total 38 1 Gender 11 2 Female 11 2 Male 25 6 Unrecorded 2 1 Age 38 1 19 or less 12 3 20-24 18 4	2.6 5.3 (3.2 0.0 0.0 31.6 (5.8	2 3.2 3 4.8 11 17.5 0 0.0 2 3.2 15 23.8 9 14.3	0.0 50.0 20.0 - - 66.7	0.0 50.0 20.0 -	50.0 100.0	50.0 100.0 81.8
Filipino 2 Hispanic 5 1 Native American 0 1 Pacific Islander 0 1 White 12 3 Other 6 1 Unrecorded 4 1 Total 38 1 Gender 11 2 Female 11 2 Male 25 6 Unrecorded 2 6 Unrecorded 2 6 Unrecorded 2 6 Unrecorded 2 3 Age 19 or less 12 3 20-24 18 4	5.3 (3.2 0.0 0.0 81.6 (5.8	3 4.8 11 17.5 0 0.0 2 3.2 15 23.8 9 14.3	50.0 20.0 - - 66.7	50.0 20.0 -	100.0	100.0 81.8
Hispanic 5 1 Native American 0 1 Pacific Islander 0 1 White 12 3 Other 6 1 Unrecorded 4 1 Total 38 1 Gender 11 2 Female 11 2 Male 25 6 Unrecorded 2 1 Total 38 1 Age 19 or less 12 3 20-24 18 4	3.2 0.0 0.0 1.6 15.8	11 17.5 0 0.0 2 3.2 15 23.8 9 14.3	20.0 - - 66.7	20.0		81.8
Native American 0 Pacific Islander 0 White 12 3 Other 6 1 Unrecorded 4 1 Total 38 38 Gender 11 22 Male 25 6 Unrecorded 2 6 19 or less 12 3 20-24 18 4	0.0 0.0 31.6 5.8	0 0.0 2 3.2 15 23.8 9 14.3	- - 66.7	-	72.7	
Pacific Islander 0 White 12 3 Other 6 1 Unrecorded 4 1 Total 38 5 Gender 11 2 Female 11 2 Male 25 6 Unrecorded 2 7 J9 or less 12 3 20-24 18 4	0.0 31.6 5.8	2 3.2 15 23.8 9 14.3	- 66.7		-	
White 12 3 Other 6 1 Unrecorded 4 1 Total 38 1 Gender 11 2 Female 11 2 Male 25 6 Unrecorded 2 1 Age 38 1 19 or less 12 3 20-24 18 4	31.6 5.8	15 23.8 9 14.3	66.7			-
Other 6 1 Unrecorded 4 1 Total 38 1 Gender 11 2 Female 11 2 Male 25 6 Unrecorded 2 1 Total 38 1 Age 1 3 19 or less 12 3 20-24 18 4	5.8	9 14.3			0.0	50.0
Unrecorded 4 1 Total 38 38 Gender 11 22 Female 11 22 Male 25 6 Unrecorded 2 2 Total 38 38 Age 12 3 20-24 18 4				75.0	60.0	66.7
Total 38 Gender 11 2 Female 11 2 Male 25 6 Unrecorded 2 6 Total 38 7 Age 12 3 20-24 18 4	0.5	0 107	50.0	50.0	88.9	88.9
Gender 11 2 Female 11 2 Male 25 6 Unrecorded 2 2 Total 38 38 Age 12 3 19 or less 12 3 20-24 18 4		0 12.7	50.0	50.0	50.0	87.5
Female 11 2 Male 25 6 Unrecorded 2 2 Total 38 38 Age 19 or less 12 3 20-24 18 4	100	63 100	47.4	52.6	63.5	77.8
Female 11 2 Male 25 6 Unrecorded 2 2 Total 38 38 Age 19 or less 12 3 20-24 18 4						
Male 25 6 Unrecorded 2 2 Total 38 2 Age 12 3 20-24 18 4	28.9	12 00 6	60 G	C2 C	c0 0	94.6
Unrecorded 2 Total 38 Age 33 19 or less 12 33 20-24 18 4		13 20.6		63.6	69.2	84.6
Total 38 Age 19 or less 12 3 20-24 18 4		50 79.4		48.0	62.0	76.0
Age 19 or less 12 3 20-24 18 4	5.3	0 0.0		50.0	-	-
19 or less 12 3 20-24 18 4	100	63 100	47.4	52.6	63.5	77.8
20-24 18 4						
	31.6	17 27.0	58.3	58.3	70.6	88.2
25-29 5 1	7.4	32 50.8	44.4	44.4	59.4	78.1
	3.2	9 14.3	40.0	60.0	44.4	44.4
30-34 3	7.9	1 1.6	33.3	66.7	100.0	100.0
35-39 0	0.0	2 3.2	-	-	100.0	100.0
40-49 0	1	1 1.6	-	-	100.0	100.0
50+ 0	0.0	1 1.6	-	-	100.0	100.0
Unrecorded 0		0 0.0	-	-	-	-
Total 38	0.0	63 100	47.4	52.6	63.5	77.8

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 Fall semesters only: F'12, F'13, and F'14.

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 endof-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.

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 2012		Fall 2013		Fall 2014		Total	
	Distance	Traditional	Distance	Traditional	Distance	Traditional	Distance	Traditional
#Sections	1	1	1	1	1	1	3	3
#Enrollments	7	15	8	13	6	19	21	47
%Success	42.9	86.7	62.5	69.2	50.0	63.2	52.4	72.3
%Retention	57.1	100.0	62.5	76.9	50.0	78.9	57.1	85.1

Part II—Demographic Profile: Enrollment and Student Outcomes

Demographic	graphic Distance		Traditional		Distance		Traditional	
Variable	Count	%	Count	%	% Success	% Retention	% Success	% Retention
Ethnicity								
Asian	6	28.6	12	25.5	66.7	66.7	75.0	83.3
African American	0	0.0	1	2.1	-	-	100.0	100.0
Filipino	0	0.0	5	10.6	-	-	40.0	80.0
Hispanic	4	19.0	11	23.4	25.0	50.0	81.8	90.9
Native American	0	0.0	0	0.0	-	-	-	-
Pacific Islander	1	4.8	1	2.1	0.0	0.0	100.0	100.0
White	4	19.0	11	23.4	75.0	75.0	72.7	81.8
Other	2	9.5	5	10.6	0.0	0.0	80.0	100.0
Unrecorded	4	19.0	1	2.1	75.0	75.0	0.0	0.0
Total	21	100	47	100	52.4	57.1	72.3	85.1
Gender								
Female	3	14.3	4	8.5	66.7	66.7	75.0	75.0
Male	17	81.0	43	91.5	52.9	58.8	72.1	86.0
Unrecorded	1	4.8	0	0.0	0.0	0.0	-	-
Total	21	100	47	100	52.4	57.1	72.3	85.1
Age								
19 or less	3	14.3	12	25.5	100.0	100.0	66.7	83.3
20-24	12	57.1	24	51.1	41.7	50.0	75.0	87.5
25-29	4	19.0	7	14.9	75.0	75.0	71.4	85.7
30-34	2	9.5	3	6.4	0.0	0.0	66.7	66.7
35-39	0	0.0	0	0.0	-	-	-	-
40-49	0	0.0	1	2.1	-	-	100.0	100.0
50+	0	0.0	0	0.0	-	-	-	-
Unrecorded	0	0.0	0	0.0	-	-	-	-
Total	21	100	47	100	52.4	57.1	72.3	85.1

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