

College of San Mateo Delivery Mode Course Comparison
Distance Education vs. Traditional Mode
Student Success Indicators: Fall 2005, Fall 2006, Fall 2007

Astronomy 100, "Introduction to Astronomy," (3 units) Telecourse Mode

	Fall 2005		Fall 2006		Fall 2007		Total	
	Distance	Traditional	Distance	Traditional	Distance	Traditional	Distance	Traditional
# Sections	1	3	1	4	1	7	3	14
# Enrollments	23	107	26	143	32	233	81	483
% Success	72.7	67.3	61.5	60.1	50	71.4	60	67.2
% Retention	86.4	93.5	84.6	83.9	84.4	89.2	85	88.6

Demographic Variable	Distance		Traditional		Distance				Traditional			
	Count	Col%	Count	Col%	Success	Retention	% Success	% Retention	Success	Retention	% Success	% Retention

Ethnicity												
Asian	13	16.3	93	19.3	11	12	84.6	92.3	69	83	74.2	89.2
Black	2	2.5	12	2.5	0	2	0	100	6	10	50	83.3
Filipino	4	5	45	9.4	3	4	75	100	24	36	53.3	80
Hispanic	14	17.5	79	16.4	7	13	50	92.9	44	67	55.7	84.8
Native Am	3	3.8	0	0	2	3	66.7	100	0	0	-	-
Pac Islander	1	1.3	17	3.5	0	1	0	100	12	17	70.6	100
White	33	41.3	168	34.9	22	27	66.7	81.8	122	154	72.6	91.7
Other	10	12.5	63	13.1	3	6	30	60	43	55	68.3	87.3
Unrecorded	0	0	4	0.8	0	0	-	-	3	4	72.7	90.9
Total	80	100	481	100	48	68	60	85	323	426	67.2	88.6

Gender												
Female	39	48.8	204	42.4	21	30	53.8	76.9	136	181	66.7	88.7
Male	40	50	266	55.3	27	38	67.5	95	179	235	67.3	88.3
Unrecorded	1	0	11	0.8	0	0	0	0	8	10	72.7	90.9
Total	80	100	481	100	48	68	60	85	323	426	67.2	88.6

Age												
19 or less	21	26.3	199	41.4	14	18	66.7	85.7	134	180	67.3	90.5
20-24	31	38.8	223	46.4	16	28	51.6	90.3	150	198	67.3	88.8
25-29	7	8.8	29	6	3	5	42.9	71.4	18	25	62.1	86.2
30-34	5	6.3	6	1.2	2	4	40	80	4	4	66.7	66.7
35-39	5	6.3	9	1.9	5	5	100	100	5	6	55.6	66.7
40-49	10	12.5	7	1.5	8	8	80	80	6	6	85.7	85.7
50+	1	1.3	4	0.8	0	0	0	0	3	3	75	75
Unrecorded	0	0	4	0.8	0	0	-	-	3	4	75	100
Total	80	100	481	100	48	68	60	85	323	426	67.2	88.6

DEFINITIONS AND NOTES:

Demographic Data:

Student success data are the sum of Fall semesters when offered.

Enrollments/Dup. Headcount:

Sum of end-of-term enrollments.

Retention %:

The percentage of enrollments with a grade of A, B, C, D, F, CR, NC, I, at end-of-term. (Only excludes W's.)

Success %:

The percentage of enrollments with a grade of A, B, C, CR at end-of-term.

NOTE:

In some cases there may be discrepancies between the totals for "Enrollments/Duplicated Headcount" and the "Successful Course Completion Rates." This discrepancy is not an error. The course-completion rates may reflect the fact that some students dropped before receiving a "W," and, therefore, are not included in the enrollment count.