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	

Variable Count Col% Count Col% Success Retention Retention		Distance			Traditional		Dista			Traditional				
Ethnicity								%	%				%	
Asian	Variable	Count	Col%	Count	Col%	Success	Retention	Success	Retention	Success	Retention	Success	Retention	
Asian 13 16.3 93 19.3 111 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 0 2 3 66.7 100 0 0 0 Pac Islander 1 1.3 17 3.5 0 1 0 10 100 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 0 4 0.8 0 0 3 4 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 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 55 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 65.7 55.0 100 40.49 10 12.5 7 1.5 8 8 8 80 80 6 6 6 85.7 55.0 100 100 5 6 55.6 66.7 85.7 55.0 100 100 5 6 6 55.6 66.7 85.7 55.0 100 100 5 6 6 55.6 66.7 85.7 55.0 100 100 5 6 6 55.6 66.7 85.7 55.0 100 100 5 6 6 55.6 66.7 85.7 55.0 100 100 5 6 6 55.6 66.7 85.7 55.0 100 100 5 6 6 55.6 66.7 85.7 55.0 100 100 5 6 6 55.6 66.7 85.7 55.0 100 100 5 6 6 55.6 66.7 85.7 55.0 100 100 5 6 6 55.6 66.7 85.7 55.0 100 100 5 6 6 55.6 66.7 85.7 55.0 100 100 5 6 6 55.6 66.7 85.7 55.0 100 100 5 6 6 55.6 66.7 85.7 55.0 100 100 5 6 6 55.6 66.7 85.7 55.0 100 100 5 6 6 55.6 66.7 85.7 55.0 100 100 5 6 6 55.6 66.7 85.7 55.0 100 100 5 6 6 55.6 66.7 85.7 55.0 100 100 5 6 6 55.6 66.7 85.7 55.0 100 100 5 5 6 55.6 66.7 85.7 55.0 100 100 5 5 6 55.6 66.7 85.7 55.0 100 100 5 5 6 55.6 66.7 85.7 55.0 100 100 5 5 6 55.6 66.7 85.7 55.0 100 100 5 5 6 55.6 66.7 85.7 55.0 100 100 5 5 6 55.6 66.7 85.7 55.0 100 100 5 5 6 55.6 66.7 85.7 55.0 100 100 5 5 6 55.6 66.7 85.7 55.0 100 100 5 5 6 55.6 66.7 85.7 55.0 100 100 5 5 6 55.6 66.7 100 100 5 5 6 55.6 66.7 100 100 5 5 6 55.6 66.7 100 100 5 5 6 55.6 66.7 100 100 5 5 6 55.6 66.7 100 100 5 5 6 55.6	Ethnicity													
Black 2 2.5 12 2.5 0 2 0 100 6 10 50 83.3		13	16.3	93	19.3	11	12	84.6	92.3	69	83	74.2	89.2	
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 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 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 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 8 80 80 6 6 8 85.7 150 Unrecorded 0 0 4 0.8 0 0 0 0 0 3 3 3 75 75 Unrecorded 1 1.3 4 0.8 0 0 0 0 0 3 3 3 75 75 Unrecorded 1 1.3 4 0.8 0 0 0 0 0 3 3 3 75 75 Unrecorded 1 1.3 4 0.8 0 0 0 0 0 3 3 3 75 75 Unrecorded 0 0 0 4 0.8 0 0 0 0 0 3 3 3 75 75 Unrecorded 1 1.3 4 0.8 0 0 0 0 0 0 3 3 3 75 75 Unrecorded 0 0 0 4 0.8 0 0 0 0 0 0 3 3 3 75 75 Unrecorded 0 0 0 4 0.8 0 0 0 0 0 0 3 3 3 75 75 Unrecorded 0 0 0 4 0.8 0 0 0 0 0 0 3 3 3 75 75														
Hispanic											-			
Native Am 3 3.8 0 0 2 3 66.7 100 0 0 - 3 4 72.7 90.9 - - - 3 4 72.7 90.9 - - - 3 4 72.7 90.9 - - - 3 4 72.7 90.9 - - - 3 4 72.7 90.9 - - - 3 4 72.7 90.9 - - - 3 4 72.7 90.9 - - - 3 4 72.7 90.9 - </td <td></td>														
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		3			0						0			
Other Unrecorded 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 48 68 60 85 323 426 67.2 88.6		1			3.5						17	70.6	100	
Unrecorded Total 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 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	White	33	41.3	168	34.9	22	27	66.7	81.8	122	154	72.6	91.7	
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	Other	10	12.5	63	13.1	3	6	30	60	43	55	68.3	87.3	
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 <t< td=""><td>Unrecorded</td><td>0</td><td>0</td><td>4</td><td>0.8</td><td>0</td><td>0</td><td>-</td><td>-</td><td>3</td><td>4</td><td>72.7</td><td>90.9</td></t<>	Unrecorded	0	0	4	0.8	0	0	-	-	3	4	72.7	90.9	
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	Total	80	100	481	100	48	68	60	85	323	426	67.2	88.6	
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	Gender													
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		30	48.8	204	42.4	21	30	53.8	76.9	136	181	66.7	88.7	
Unrecorded Total 1 0 11 0.8 0 0 0 0 8 10 72.7 90.9 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 </td <td></td>														
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 3 3 75 75 Unrecorded<														
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 75 100 Thick 1 1.3 4 0.8 0 0 -		80	100											
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 75 100														
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														
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 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														
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 8 80 80 6 6 85.7 85.7 50+ 1 1.3 4 0.8 0 0 0 0 0 3 3 3 75 75 Unrecorded 0 0 0 4 0.8 0 0 0 3 4 75 100														
35-39		•			-									
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														
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														
Unrecorded 0 0 4 0.8 0 0 3 4 75 100														
73 100		1	1.3	4	0.8		0	0	0	3	3	75	75	
Total 00 400 400 400 400 400 400 05 000 400 4	Unrecorded	0	0	4	8.0	0	0	-	-	3	4	75	100	
80 100 481 100 48 68 60 85 323 426 67.2 88.6	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.

Prepared by CSM's Office of Planning, Research, and Institutional Effectiveness, 12/2008