CLASS Supplemental Report (Addendum)
Assessment Questions #10 and #11
Math Gateway Course: Math 103 & Math 110

Questions #10 and #11 for the May CLASS report focused on those students who were assessed into pre-collegiate math and/or English and subsequently took any of four "gateway" courses: English 110 (College Composition), Math 175 (College Algebra), History 108 (Early American History), or History 109 (Modern American History). Gateway courses were identified by departments based on criteria provided by the CLASS project.

This addendum focuses on students who were assessed into pre-collegiate math (Math 90 or below) and subsequently took Math 103 or Math 110.

CLASS Queries

10. What is the rate of successful **COLLEGIATE** gateway course completion for cohort students who were assessed as **PRE-COLLEGIATE/BASIC SKILLS** students but *bypassed* the RELATED **PRE-COLLEGIATE/BASIC SKILLS** course sequence? Disaggregate this percentage by race/ethnicity and gender, in addition to the rate for all cohort students. Note that this is **not** the CLASS cohort.

11. How does that rate (#10 above) compare with the rate of successful **COLLEGIATE** course completion for cohort students who were assessed as a **PRE-COLLEGIATE/BASIC SKILLS** student and *completed* the RELATED **PRE-COLLEGIATE/BASIC SKILLS** course sequence? Disaggregate this percentage by race/ethnicity and gender, in addition to the rate for all cohort students. Note that this is **not** the CLASS cohort.

Results are presented for Math 103 (Table 1), Math 110 (Table 2), and Math 103/110 combined (Tables 3 - 6). All data are presented for the Grossmont-Cuyamaca Community College District as a whole.

Math 103

Table 1 shows Math 103 success rates through Spring 2009 for students who were assessed into pre-collegiate Math (Math 90 or below) for Fall 2006. Rates are presented separately for two subgroups:

(1) Enrollments for students who successfully completed the highest level pre-collegiate Math placement course, Math 90, prior to enrolling in Math 103
(2) Enrollments for students who did not successfully complete the highest level pre-collegiate Math placement course, Math 90, prior to enrolling in Math 103

Note that Math 90 is a prerequisite for Math 103. Students who placed into pre-collegiate Math 90 or below, but did not successfully complete Math 90 prior to enrolling in Math 103 would have been required to demonstrate equivalent preparation, for example through post-test advising or taking the Math 90 prerequisite at another college.

Table 1. *Math 103 success rates (through Spring 2009) for pre-collegiate Math students who did and did not successfully complete the pre-collegiate sequence prior to the gateway course*

Course Outcome	Math 103 Success Rates (Through Spring 2009)			
	Successfully Completed Math 90 Prior to Gateway Course Enrollment		Did Not Successfully Complete Math 90 Prior to Gateway Course Enrollment	
	Count	Percent	Count	Percent
Successful	109	58.0%	9	42.9%
Not Successful	39	20.7%	4	19.0%
Withdrew	40	21.3%	8	38.1%
Total	188	100.0%	21	100.0%

Math 110

Table 2 shows Math 110 success rates through Spring 2009 for students who were assessed into pre-collegiate Math (Math 90 or below) for Fall 2006. Rates are presented separately for two subgroups:

(1) Enrollments for students who successfully completed the highest level pre-collegiate Math placement course, Math 90, prior to enrolling in Math 110
(2) Enrollments for students who did not successfully complete the highest level pre-collegiate Math placement course, Math 90, prior to enrolling in Math 110

Note that Math 90 is a prerequisite for Math 110. Students who placed into pre-collegiate Math 90 or below, but did not successfully complete Math 90 prior to enrolling in Math 110 would have been required to demonstrate equivalent preparation, for example through post-test advising or taking the Math 90 prerequisite at another college.

Table 2. *Math 110 success rates (through Spring 2009) for pre-collegiate Math students who did and did not successfully complete the pre-collegiate sequence prior to the gateway course*

Course Outcome	Math 110 Success Rates (Through Spring 2009)			
	Successfully Completed Math 90 Prior to Gateway Course Enrollment		Did Not Successfully Complete Math 90 Prior to Gateway Course Enrollment	
	Count	Percent	Count	Percent
Successful	73	44.5%	8	72.7%
Not Successful	40	24.4%	2	18.2%
Withdrew	51	31.1%	1	9.1%
Total	164	100.0%	11	100.0%

Math 103/110

The following section shows success rates in Math 103 and Math 110 combined, through Spring 2009, for students who were assessed into pre-collegiate Math (Math 90 or below) for Fall 2006. Rates are presented separately for two subgroups:

(1) Enrollments for students who successfully completed the highest level pre-collegiate Math placement course, Math 90, prior to enrolling in Math 103/110
(2) Enrollments for students who did not successfully complete the highest level pre-collegiate Math placement course, Math 90, prior to enrolling in Math 103/110

Note that Math 90 is a prerequisite for Math 103 and Math 110. Students who placed into pre-collegiate Math 90 or below, but did not successfully complete Math 90 prior to enrolling in Math 103 or Math 110 would have been required to demonstrate equivalent preparation, for example through post-test advising or taking the Math 90 prerequisite at another college.

Table 3. *Math 103 & Math 110 enrollments (through Spring 2009) for students assessed into pre-collegiate Math for Fall 2006*

	Math 103/110 Students		Math 103/110 Enrollments	
	Number	Percent	Number	Percent
Successfully Completed Math 90 Prior to Gateway Course Enrollment	252	90.6%	352	91.7%
Did Not Successfully Complete Math 90 Prior to Gateway Course Enrollment	26	9.4%	32	8.3%
Total	**278**	**100.0%**	**384**	**100.0%**

Table 4. *Math 103 & Math 110 success rates (through Spring 2009) for pre-collegiate Math students who did and did not successfully complete the pre-collegiate sequence prior to the gateway course*

Course Outcome	Math 103/110 Success Rates (Through Spring 2009)			
	Successfully Completed Math 90 Prior to Gateway Course Enrollment		Did Not Successfully Complete Math 90 Prior to Gateway Course Enrollment	
	Count	Percent	Count	Percent
Successful	182	51.7%	17	53.1%
Not Successful	79	22.4%	6	18.8%
Withdrew	91	25.9%	9	28.1%
Total	**352**	**100.0%**	**32**	**100.0%**

Table 5. *Math 103 & 110 success rates (through Spring 2009) for pre-collegiate Math students who did and did not successfully complete the pre-collegiate sequence prior to the gateway course by gender*

	Math 103/110 Success Rates (Through Spring 2009)			
	Successfully Completed Math 90 Prior to Gateway Course Enrollment		Successfully Completed Math 90 Prior to Gateway Course Enrollment	
	Course Enrollment Count	Success Rate	Course Enrollment Count	Success Rate
Female	228	54.4%	20	55.0%
Male	120	47.5%	10	40.0%
Unknown	4	25.0%	2	100.0%
Overall	**352**	**51.7%**	**32**	**53.1%**

Table 6. *Math 103 & 110 success rates (through Spring 2009) for pre-collegiate Math students who did and did not successfully complete the pre-collegiate sequence prior to the gateway course by ethnicity*

	Math 103/110 Success Rates (Through Spring 2009)			
	Successfully Completed Math 90 Prior to Gateway Course Enrollment		Successfully Completed Math 90 Prior to Gateway Course Enrollment	
	Course Enrollment Count	Success Rate	Course Enrollment Count	Success Rate
African-American	50	36.0%	7	28.6%
Asian	7	57.1%		
Filipino	5	60.0%	1	100.0%
Hispanic	91	50.5%	8	62.5%
Native American	6	66.7%		
Other	16	62.5%	2	50.0%
Pacific Islander	8	25.0%		
Unknown	21	47.6%	4	75.0%
White	148	57.4%	10	50.0%
Overall	**352**	**51.7%**	**32**	**53.1%**