Achieving the Dream: Mathematics Initiative Logic Model
27 March 2012

Baseline F04-Su07 Int. Algebra Success Rate (Grades A-C): 43.85 percent
Projected F08-Sp10 Int. Algebra Success Rate for both piloted deliveries: 49 percent
Actual F08-Sp10 Int. Algebra Success Rate for piloted deliveries: 53.10 percent
Projected F10-Sp12 Int. Algebra Success Rate for new delivery or deliveries: 54 percent

Work Plan	**Sub steps remaining**	**Evaluation Questions**	**Anticipated Outcomes**	**Estimated Expenses**	**Next Steps**
1.1 Monitor retention and success rates in IA Math Lab to determine effects of curriculum mapping.	1.1a – Collect IA data from fall 2010/Spring 2011 to compare with 2009-2010 data. 1.1b – Meet with TC to determine next steps.	What affect (if any) did the curriculum mapping have on IA retention/success rates?	We feel our retention/success rates will improve as a result of our curriculum changes; specifically because of our streamlining of information.	$0.00	Ongoing. We will continue to track success rates of IA students in CA from Fall 2010 to present.
1.2 Work with Josh Holiman who will be administering all COMPASS posttests to IA students. Monitor effects of curriculum mapping on COMPASS scores.	1.2a – Contact instructors regarding new COMPASS testing policy. 1.2b – Work with Josh in Dec/Jan to get COMPASS results for fall 2010 IA completers.	What affect (if any) did the curriculum mapping have on COMPASS posttest scores?	We anticipate a higher posttest score on the COMPASS exam by our math lab students as a result of our curriculum mapping.	$500	Ongoing. Data will be collected in May 2012 to compare 2011-2012 with 2010-2011.

1.3 Implement alternative delivery methods-(1) extended session Math Lab (2) traditional classroom	1.3a – Extended Session Math Lab (3 sections) 1.3b – Traditional Classroom (1 section)	Do students in these sections continue to succeed in IA at a higher rate than regular math lab delivery?	Students will succeed at the same rate or higher than regular math lab students.	$1,500.00/ Sem (10/11) $1,600.00/ Sem (10/11)	Completed.
1.4 Gather and analyze data to assess results- (specifically success and retention rates as well as success in subsequent CA and student comments on evaluations for each method)	1.4a – Work with Kee to track students' success in CA by IA delivery method. 1.4b – Administer course evaluations 1.4c – Gather data on success rates for comparison 1.4d – Share data with instructors 1.4e – Monitor and adjust	Are the success rates in CA significantly different based on IA delivery method? What are the differences in student's likes and dislikes based on delivery method?	We anticipate success rates in CA for students in alternate delivery methods of IA to be as good as or better than regular math lab students. We expect COMPASS scores in math lab classes to be better than traditional in-class delivery method.	Costs for data gathering already included in Kee's salary.	Completed. Data show that retention and success rates in alternate delivery methods exceed our projections. We are considering an incentive program to encourage student effort on the COMPASS.
1.5 Work with TC to develop a common final exam for College Algebra.	1.5a – Collect Final Exams from all CA instructors. (F10) 1.5b – Match exam questions to course outcomes. (F10)	Are our CA students achieving our goals in demonstrating acquisition of course outcomes?	Students will indicate achievement in most outcomes. However, there will be a few that indicate a need for greater emphasis.	None.	Completed. CA common final exam implemented Fall 2011.

	1.5c – Distribute list of questions/outcomes to CA faculty. (F10) 1.5d – Develop CA Final Exam and use it as a trial run for on-campus CA classes. (F10)	Are there any differences in on-campus and concurrent?	Concurrent students will perform, as a whole, better than on-campus students.		