

Measure G Funding – Math Jam

1. Brief description of your program/service

Math Jam is an award-winning program designed to improve scores on the math placement test or to help students do better in up-coming math classes. It is a 1-wk intensive program held 3 times a year between semesters. Basic skills has been funding the basic skills levels of MATH JAM and a grant has been funding the evening session. Measure G therefore, only, covers part of the costs of holding MATH JAM.

2/3. The college is not contractually obligated to offer Math Jam.

4. Planning – MATH JAM appears in a number of college-wide plans, including the Ed. Master plan and the Basic Skills plan.

5. Three MATH JAM sessions are held throughout the year. Enrollment varies somewhat, but the Jan 2014 had 90 students during the day and 70 students in the evening for a total of 160 students. The June MATH JAM has in the past had a bit over 200 students.

6. Program serves all of the students at the college. No special populations

7. In each of the years in which Math Jam has been offered, the majority of the students who have retaken the college’s math placement test after participating in Math Jam have placed into a higher level of math (Table 1). Additionally students who have participated in Math Jam have had significantly higher retention, success, and persistence rates than their peers (Table 2 & Table 3), and the gap in retention and success rates is even larger between Hispanic Math Jam participants and their peers.

Table 1- Math Jam Participation, Test Scores, and “Jump Rates”

	2009	2010	2011	2012
<i>Participants*</i>	50	290	331	482
<i>With Pre and Post Test Scores</i>	33	95	125 [#]	224
<i>Improved test scores**</i>	94%	91%	96% [#]	94%
<i>Placed into a higher level math course***</i>	64%	71%	52%	61%

**Sum of enrollments for all Math Jams offered each year. In 2009 one Math Jam was offered. In 2010, 2011, and 2012 three Math Jams were offered each year.*

***Student performance on MyMathTest offered at the beginning and end of each Math Jam.*

****Performance of students who retook the college’s math placement test at the conclusion of Math Jam.*

MyMathTest pre and post results were not collected during the January 2011 Math Jam.

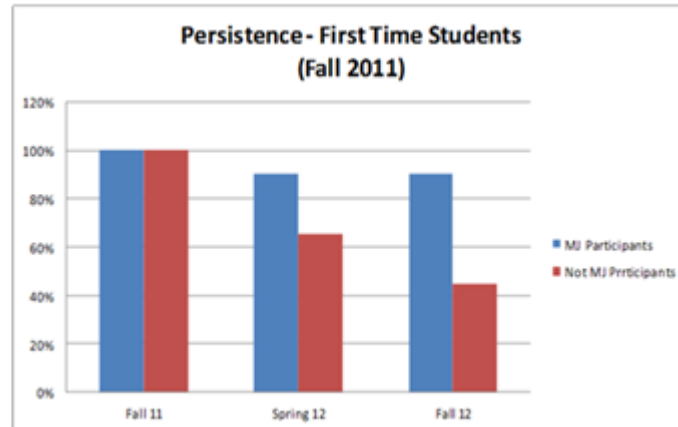
Table 2 – Student Performance in Fall 2011 Math Course

	Course Retention	Course Success
2011 Math Jam Participants	92.86%	76.79%
2011 Non-Math Jam Participants	76.77%	52.96%
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2011 Hispanics, Math Jam Participants	94%	74%
2011 Hispanics, Not Math Jam	75%	47%

* Differences between all pairs were significant at the .05 level.

Table 3 – Student Persistence (First Time Students Fall 2009, 2010, 2011)

	All First Time Students	First time Students - Math Jam Participants
Year 1 - Fall	100%	100%
Year 1 - Spring	66.36%	94.12%
Year 2 - Fall	50.15%	76.47%
Year 2 - Spring	42.69%	73.53%



8. NA

9. We have already streamlined the program to determine the minimal costs to put it on. In general, it costs \$200/week/student to offer MATH JAM and that includes food. At this point the only additional cost savings would be to charge students to participate. This has been discussed in the past and not implemented for a variety of reasons.

10. None at this time. We are always on the lookout for ways to fund MATH JAM, but the grant funding that supported its development requires that it be institutionalized.