



# Santiago Canyon College

## DEPARTMENT PLANNING PORTFOLIO

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DEPARTMENT PLANNING PORTFOLIO  
DEPARTMENT: Mathematics  
DIVISION: Mathematics and Sciences  
ACADEMIC YEAR: 2012-2013

### Department's Vision:

The mathematics department will prepare our students to think critically and move from concrete to abstract reasoning. Our math courses will prepare students to apply these reasoning skills to solve real world situations through analytical problem solving and logical steps.

### Department's Mission:

The SCC mathematics department's mission is to prepare our students to pursue their educational and professional goals, amid the rapid changing global community. Students should leave our courses with an appreciation of mathematics.

GOALS/TASKS/ACTIVITIES	WHO'S RESPONSIBLE	ESTIMATED TIMELINE/COMPLETION	RESOURCES NEEDED	PROGRESS
<b>Obtain a commitment from the administration by Spring 2012 to move the math department to a centralized, permanent location such as the D-building or comparable new structure by 2013.</b>				
1. A. Continue discussion and development of plans to implement moving into the D-Building including evaluating the number of math classrooms available. Finalize plans for moving MaSH onto the third floor of the E-Building.	nance_craig	2013	Current plans for D-Building and third floor of E-building to begin planning for remodeling.	In Progress
<b>Provide sufficient numbers of instructional aids to facilitate student demands in MaSH.</b>				
1. Maintain sufficient numbers of instructional aides (minimum of 8) with expertise in mathematics who can facilitate study groups, offer support in MaSH, and/or	sakamoto_scott	ongoing	Aides	In Progress

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aid in the classroom.					
<b>Work with the RSCCD Research Department and SCC Assessment Office to do a longitudinal assessment that monitors and tracks selected students in an effort to quantify the impact pedagogy changes and piloted programs such as Plato and MaSH have by Spr</b>					
1. A. Demonstrate success and persistence over time. B. Organize data. C. Generate and publish results from above.	scott_randy	Spring 2013	Data		In Progress
<b>Optimize our technological resources.</b>					
1. A. Analyze technological needs. B. Mediate all mathematics classrooms by Spring 2013. C. Maintain media resources to current standards. D. Obtain high power, high RAM, tablet PC's for faculty.	scott_randy	Spring 2013	Technology		In Progress
<b>Develop a computer aided instruction classroom to offer courses in Basic Skills.</b>					
1. A. Purchase 40 headsets. B. Wire the classroom appropriately. C. Hire an IA to work during classes to assist instruction. D. Investigate locations for computer-aided instruction classroom in D-Building.	nance_craig	Spring 2013	Technology		In Progress
<b>Research alternative supplemental learning systems for MaSH, Math 60L and Math 81.</b>					
1. A. Continue research what is in use by other colleges. B. Schedule demonstrations.	hauscarriague_anne	Spring 2013	Research		In Progress
<b>Hire 3 math faculty by Spring 2012 including a full time MaSH coordinator by Fall 2013.</b>					
1. Complete the hiring process for 3 math faculty to replace recent full-time resignations.	scott_randy	Spring 2013	Fall 2012 . . . none. Spring 2013 . . . interview room.		In Progress
<b>Appoint a faculty coordinator for MaSH</b>					
1. Choose a full-time math faculty member to be the MaSH coordinator for at least 60% of their base load.	scott_randy	ongoing	Current faculty or new hire willing to take on the MaSH coordination duties. New hires or adjunct to backfill 9 LHE.		In Progress

Number of active session(s): 2