



Santiago Canyon College

DEPARTMENT PLANNING PORTFOLIO

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DEPARTMENT PLANNING PORTFOLIO
DEPARTMENT: Mathematics
DIVISION: Mathematics and Sciences
ACADEMIC YEAR: 2011-2012

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
Obtain a hard copy by spring 2012 that works to move the math department to a centralized permanent location such as the D-building or a comparable new structure by 2013.				
1. A. Investigate options for moving into the D-Building including evaluating the number of math classrooms available and finding an appropriate location for MaSH.	nance_craig	2013	Written commitment	In Progress
Provide sufficient numbers of instructional aids to facilitate student demands in MaSH.				
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 aid in the classroom.	sakamoto_scott	Spring 2012	Aides	In Progress

<http://www.sccollege.edu>

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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

1. A. Demonstrate success and persistence over time. B. Organize data. C. Generate and publish results from above.

hauscarriague_anne	Spring 2012	Data	In Progress
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Optimize our technological resources.

1. A. Analyze technological needs. B. Mediate all mathematics classrooms by Spring 2013. C. Increase use of underutilized technology. D. Obtain high power, high RAM, tablet PC's for faculty.

hauscarriague_anne	Spring 2013	Technology	In Progress
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Develop a computer aided instruction classroom to offer courses in Basic Skills.

1. A. Purchase more memory for 36 computers for a mediated classroom (similar to SC110) for both computer aided instruction and IBA classes. B. Purchase 40 headsets. C. Wire the classroom appropriately. D. Hire an IA to work during classes to assist instruction.

nance_craig	Spring 2012	Technology	In Progress
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Research alternative supplemental learning systems for MaSH, Math 60L and Math 81.

1. A. Research what is in use by other colleges. B. Schedule demonstrations.

hauscarriague_anne	Spring 2012	Research	In Progress
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Hire 3 math faculty by Spring 2012 including a full time MaSH coordinator by Fall 2013.

This goal does not have any activity.

Number of active session(s): 2