



# Santiago Canyon College

## DEPARTMENT PLANNING PORTFOLIO

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DEPARTMENT PLANNING PORTFOLIO  
DEPARTMENT: Mathematics  
DIVISION: Mathematics and Sciences  
ACADEMIC YEAR: 2014-2015

### 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 and its student-centered programs (MaSH, SI) to a centralized, permanent location by Fall 2014.</b>				
1. Move into the D-Building including evaluating the number of math classrooms available. Move the MaSH and supplemental instruction (SI) onto the third floor of the E-Building.	nance_craig	Fall 2014	Current plans for D-Building and third floor of E-building to begin planning for remodeling.	In Progress
<b>Provide sufficient numbers of instructional assistants to facilitate student demand in MaSH.</b>				
1. Maintain sufficient numbers of instructional assistants (minimum of 8) with expertise in mathematics who can facilitate study groups, offer support in MaSH, and/or aid in the	scott_randy	ongoing	Permanent funding for 152 instructional assistant hours per week.	In Progress

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classroom.

**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 of pedagogy changes including open educational resources and SI.**

1. Summarize programs with pedagogical impact, determine an appropriate data collection method, and obtain data analysis from RSCCD. scott\_randy ongoing Data & RSCCD time for analysis. In Progress

**Optimize our technological resources.**

1. Mediate all mathematics classrooms by Spring 2014. Upgrade and maintain media resources to contemporary standards. Obtain high power, high RAM, tablet-based technology for faculty classroom use. Obtain and permanently install a smart-board in a dedicated classroom. Mediate the D-building rooms to standards commensurate with contemporary technology. scott\_randy Fall 2014 Technology In Progress

**Hire 2 replacement math faculty by Spring 2014 and a full time MaSH coordinator by Fall 2015.**

1. Complete the hiring process for 2 replacement math faculty. Begin the planning process for a full-time MaSH coordinator for Fall 2015. scott\_randy Spring 2015 Commitment from SCC Academic Senate and SCC Administration for replacement and new hires. In Progress

Number of active session(s): 2