



Santiago Canyon College

DEPARTMENT PLANNING PORTFOLIO

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DEPARTMENT PLANNING PORTFOLIO
 DEPARTMENT: Mathematics
 DIVISION: Mathematics and Sciences
 ACADEMIC YEAR: 2010-2011

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 formalized commitment from administration by spring 2011 that details moving the math department to a centralized permanent locations such as the D-Building or a comparable new structure by 2012.				
1. 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	spring 2011	Blueprints	In Progress
Hire 3 full time faculty members with expertise in mathematics beginning fall 2011 who can help the math department with assessment, coverage of specialized courses, and perform coordinator and committee duties.				
1. Complete hiring request form.	hauscarriague_anne	fall 2011	Money from the state	In Progress
2. Update job description flyer.	sakamoto_scott	Spring 2011	State budgetary funds	In Progress

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Provide sufficient numbers of instructional aides to facilitate student demands in MaSH.

1. Reinstate the eight instructional aides with expertise in mathematics who can facilitate study groups, offer support in MaSH, and/or aid in the classroom for spring 2011.	sakamoto_scott	fall 2011	Alternative funding	In Progress
2. Hire additional instructional aides in MaSH.	hauscarriague_anne	Spring 2011	Faculty	In Progress

Have a comprehensive assessment plan in place by spring 2011 that will address the Student Learning Outcome process.

This goal does not have any activity.

Work with the RSCCD Research Dept 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, with results available by spring 2011.

1. Recruit interested parties.	hauscarriague_anne	spring 2011	Interested faculty	In Progress
2. Define desired statistics.	hauscarriague_anne	spring 2011	Faculty	In Progress
3. Cleanse raw data.	hauscarriague_anne	spring 2011	faculty	In Progress
4. Generate and publish results from above.	hauscarriague_anne	spring 2011	Faculty	In Progress

Optimize our technological resources.

1. Analyze technological needs.	hauscarriague_anne	fall 2011	Budget money	In Progress
2. Mediate all mathematics classrooms.	hauscarriague_anne	spring 2011	budget money	In Progress
3. Increase use of underutilized technology.	hauscarriague_anne	spring 2011	Faculty	In Progress

Improve collaboration between full time and adjunct faculty.

1. Provide an adjunct workstation.	hauscarriague_anne	Fall 2010	Office space, computer and phone access	In Progress
2. Schedule workshops at more effective times for adjunct participation.	hauscarriague_anne	Spring 2011	Classroom availability for workshops.	In Progress
3. Send out minutes and assessment results directly to adjunct faculty.	sakamoto_scott	Spring 2011	Time.	In Progress
4. Give the Plato workshop during the adjunct meeting at the beginning of the semester.	hauscarriague_anne	spring 2011	faculty	In Progress

5. Hire a worker assistant for U-84 desk.	hauscarriague_anne	Fall 2010	Work study funds	In Progress
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Number of active session(s): 2