

Coastline Community College
Annual Institutional Planning Report

Department/Division

Mathematics

Academic Year

2012-13

Annual report submitted to the Program Review Committee on 11-26-12

Lisa Lee

Vinicio Lopez

Signature of Department Chair/Lead Faculty Member

Signature of Dean/Director

A. Data and Analysis

a. Program Data

	3 Years Prior	2 Years Prior	1 Year Prior
FTES	521	528	448
FTEF	38.9	35.8	39.5
WSCH/FTES	638	587	649
Number of Full-Time Instructors	3	3	3
Fill Rate	87.6%	76.4%	73.6%
Success Rate	54.4%	59.8%	62.2%
Persistence	21%	22%	24%
Retention	79.3%	80.5%	82.3%

Program Data Analysis

- Decline in FTES due to budget cuts
- Success Rate, persistence, and Retention increased

b. Curriculum Data -- Use data from the previous academic year

	Additions	Revisions	Suspensions	Retirements	Current
Courses	0	24		0	24
Certificates 18 units or	0				0
Certificates less than 18	0				0
Degrees					0

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Curriculum Data Analysis

All the courses were revised and SLOs were updated.

c. Student Learning Outcomes Data

Total number of sections	58
Percentage of sections reporting on SLOs	100

Department Discussions Regarding SLOs (“Closing the Loop”)

Faculty distributed SLOs and completed the assessments.

d. Progress on 5-year Goals from most recent Program Review.

Goal	Complete	Partially Complete	Not Started	Abandoned	Comments
Hire additional full-time faculty			x		This is the #1 priority of the department and is critical. The faculty ratio between full-time and part-time is 3 to 16. The percent of part-time faculty in the department is as high as 84.2%.
Offer accelerated math courses.		x			<ul style="list-style-type: none"> Combine Math C010 and Math C030 as a 6-unit onsite course. Combine Math C005, Math C008, and Math C010 as a 6-unit course.

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Offer Math C020			x		Addition of this course would help students complete the math courses in sequence before reach Math C030 with preparation in Geometry.
Offer Math C280		x			For A.S. in Math degree program, a complete sequence of calculus should be offered every semester.
Create a degree program in Math		x			The proposal has been submitted.
Increase the student success rate.		x			Help students succeed in their math courses to transfer or complete a certificate program.

Analysis of Progress on 5-year Goals

The math department is one of the departments that provide high FTES. Hiring more full-time faculty is a critical issue – 84.2% of faculty members are part-time instructors. We need to have an additional full-time instructor to develop accelerated math courses in order to help students succeed in transfer and completion of the program. In addition, the math department is in process to offer A.S. in Math degree, a new addition of faculty is needed to assist the development in curriculum.

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B. Action Plan and Resource Request Based on Annual Data

Action	Institutional planning goals*	How action will improve student learning	Type of Resource	Resource needs, if any	Department priority**	Approximate cost	Potential Funding Source
Computer lab available for Math courses	EMP goals 1, 2, 3,5	Math students need to have a quiet environment to work in computer lab. The current Student Success Center offers computer access to students including English, ESL, and Math. All the students stay together in a rather talking, noisy and small room.	Equipment		2	N/A	
			Facilities				
Hire new full-time faculty	fulfills Education Master plan goals 1, 4, 5 6 ; student success, Innovation and Improvement, Partnerships and Culture of Planning,	The department will be able to develop "The Math Degree" program certificate. The department needs to update content and develop new curriculum to serve our new transfer and major students.	Personnel		1		general fund
			Software				

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			Supplies			
			Technology			
Math faculty need 'Curricunet' training	EMP goal 1	Students would benefit from additional curriculum relevant to current student body, especially the "accelerated math courses."	Training		3	
			Other			

*Reference specific sections of College Education Master Plan, Strategic Initiatives, 5-year Program Review Goals, Accreditation Recommendations, SLO/SAO evaluation and assessment, College Mission, or other relevant planning documents.

**Prioritize the program's resource needs with 1 being the most important and subsequent numbers being less urgent.