

## Annual Program Review Update Form - Spring 2010

### I. General Information

Date: 4-Jun-10

Program/Department:

Mathematics

Authors of Report:

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### II. Status Since Previous Program Review

What significant changes have occurred since the last complete program review? Were those changes based on SLO assessments? How have these changes affected your program? You may also address how these changes affect the following: strategic initiatives, "main areas for improvement", mission statements, or physical/organizational restructuring.

We have continued to expand our Math Performance Success offerings. In addition, we have increased our total number of courses offered, but are running into issues with insufficient classrooms. 2009-2010 we offered our review module classes for the first time, Math 201, 202, 203. Data shows students taking these classes improve their placement scores. Our tutorial center is in a state of flux due to reorganization. We hope a new Director will be hired by Fall 2011, plus instructional support technicians.

### III. SLO Information

Courses in Program	Total courses offered 2010 to Spring 2011	SLOs Written	Committed to assess in '09-'10	Committed to assess in '10-'11	SLOAC Completed for at least one SLO	SLOAC Cycle Completed for all SLOs
	Percent	25	25	4	25	4
		100%	16%	100%	16%	4%

	Total (head ct)	Participated in writing SLOs	Assessed or planning to assess in '09-'10	Planning to assess in '10-'11	Participated in a SLO Reflection & Enhancement Discussion
	Full-time Faculty in Program	31	25	10	31
Percent		81%	32%	100%	81%
Part-time Faculty in Program	39	5	1	10	2
Percent		13%	3%	0%	5%

assessment reflection and enhancement phase.

**SLOAC Discussion and Analysis:** Summarize the discussions and analyses of your program/departments' SLOAC results. The discussions and analyses need not be limited to the information shown in Sections I and II above.

This was the first year we have done an assessment cycle. We aimed to complete assessment cycles for 4 courses, and have achieved that goal. The department formed 4 committees to complete SLOACs in the following multi-section courses: Math 212, 114, 10 and 1A. Collectively, the total number of sections in these 4 courses is approximately 2/3 of our total number of sections. Each committee completed an assessment cycle and is in the process of recording their findings. The SLOAC committee for Math 212 presented examples at a math meeting, which was followed by a lively and positive discussion. For next year, we plan to complete assessment cycles in all courses. One huge problem we face is lack of full time faculty. There are simply not enough people to serve on all the curriculum and book committees, in addition to working on SLOs.

### Suggestions for the SLOAC Discussion & Analysis:

Detailed data supporting some or all of the statistics shown above.

Patterns that emerge or are confirmed when SLO data are viewed, either alone or in combination with other data (such as student ESL placement test results) at the program level.

What your goals were for any of the percentages above, and whether you achieved that goal.

Evidence of value derived from the SLOAC process within your program.

Some of the challenges your faculty continue to face in attempting to hit your program goals with respect to SLOs.

*If enhancements/improvements to your program can be implemented within the division's currently existing structures and allocated resources, then consider this update form complete and submit to your division dean. If enhancements/improvements are identified that require ADDITIONAL resources through the Instructional Planning and Budgeting process, then complete Section IV. (see next page).*

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#### IV. Resource Requests: (Use this section ONLY if you have a NEW resource request)

Program/Department: **MATHEMATICS**

Please submit your top three (or less) choices below in ranked order:

Item Name:	Cost estimate
<b>At least 2 growth positions</b>	<b>200000</b>
<b>Instructional support - tutorial, computer labs, technology training, counseling</b>	<b>200000</b>
<b>Expansion of effective programs: LinC, MPS and EnableMath</b>	<b>500000</b>

What SLO Assessment findings, if any, support and guide the resource request?	
How will the resource allocation specifically enhance your program's services, activities, processes, etc. to improve student learning and achievement?	We have grown our course offerings by approximately 12% over 3 years, but have not increased our full time faculty pool. We have huge amounts of data showing the effectiveness of LinC, MPS and EnableMath at the developmental level. These programs show increased student success and retention.
How will the resource enhance your program with respect to the College mission or Strategic initiatives and/or your program's goals for improvement as stated in your last program review?	
Other information that may be important to support your request?	
If applicable, please describe why you do not have enough funding within your current budget allocation for this request.	