

**STRATEGIC PLANNING AND INSTITUTIONAL EFFECTIVENESS**  
**2011-2012 Unit Action Plan – Year Two**

**Unit Name: Department of Mathematics and Physical Science**

**Unit Mission**

In support of the mission of the university, the school, and the department seeks to provide a solid general education component for all university students, provide curriculum in the physical sciences for students who are preparing for a baccalaureate-granting program, and provide programs of study to students presently in the work force, allowing them the opportunity to continue their education.

**Goal 1: Advance Academic Excellence**  
 This Unit Action Plan Specifically Supports Commitment(s) **1.2**

Plan for 2011-2012 This section due by April 1, 2011.				Report for 2011-2012 This section due by April 1, 2012.	
Objective	Evaluation Measure	Performance Standard	Action	Data/Findings	Status
1.2 Deliver new undergraduate and graduate degree programs to meet the economic and educational needs of northeastern Oklahoma and the state	New degree proposal submitted to the University Curriculum Committee	Complete an employment feasibility study and analysis for a new BS degree program by December 31, 2011	1.2.1 Submit a prospectus that includes an employment feasibility study for a new BS degree program to the Office of the Vice President for Academic Affairs by the end of AY 2012	The Department of Mathematics and Physical Science did not have a Department Head during in 2011. Consequently, some objectives were not able to be completed. Objective 1.2 was not completed but is in process for the coming academic year.	In process

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Goal 6: Promote Community Engagement  
This *Unit Action Plan* Specifically Supports Commitment(S) 7.

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Objective	Evaluation Measure	Performance Standard	Action	Data/Findings	Status
6.2 Establish curricular and co-curricular opportunities for students to cultivate civic skills and strengthen social responsibility	Through consultation between RSU mathematics faculty and Claremont administration, implement a plan to provide tutoring/mentoring sessions for elementary students in mathematics	Provide opportunities for 10 Elementary Education Majors taking Math Structures I to engage in tutoring/mentoring with 1 elementary student each during the 2011-12 school year.	6.2.1 Provide opportunities for mentoring and tutoring between Elementary Education majors taking the Math Structures I course, and students at Claremont Elementary School	Consultations occurred between faculty and Claremont administration, and a plan has been drafted to provide tutoring and mentoring for elementary students in mathematics. Research suggests that young students who are mentored are significantly more likely to attend and college and complete a college degree.	Ongoing
6.4 Establish community engagement partnerships that vary in scale and formality, including defined goals, high-quality content, and desired outcomes	The initial session will be presented in the spring 2011 semester and continued in fall 2011	Subsequent sessions will be presented in the 2011-12 school year	6.4.1 In Partnership with Claremont Elementary School, informational sessions will be implemented to help parents of preschool and grade school children to reinforce their children's math skills at home.	Initial sessions presented and subsequent sessions planned for coming year.	Ongoing

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**Budget Request Supplement for Academic Year 2012-2013**  
 Year Three – Strategic Planning Cycle

This section due by April 1, 2012.						
University Objective	Action for 2012-2013	Requested Resources				Estimated Cost
		Human	Financial	Physical/Capital	Other (e.g., Technology)	
NA						