

## PLANNING/OUTCOMES DOCUMENT

<b>Name of person(s) completing form:</b>		Terry Tolle Hilary Seagle Rudranath Beharrysingh Mary Bradley	<b>Curriculum/Department:</b>	Mathematics/College Transfer	
<b>Purpose/Mission Statement</b>			<b>Vision Statement (3-5 years)</b>		
The purpose of the Mathematics Department is to provide mathematical instruction that will equip each student with those mathematical competencies needed for that student's area of study and effectively prepare students for traditional advanced mathematics.			The importance of using and understanding mathematical concepts in real life situations will be recognized in a greater capacity. Additionally the mathematics department will promote the establishment of an Associate of Science degree.		
<b>Program Strengths:</b>			<b>Program Weaknesses:</b>		
Diverse teaching styles and backgrounds. Use of technology.			Unable to offer diverse courses due to limited demand.		
<b>Program Opportunities:</b>			<b>Program Threats:</b>		
As Arts and Sciences enrollment continues to grow we anticipate increased demand for more upper level transfer courses. (i.e. Calculus)			Expansion of Macon Campus with adjunct faculty could potentially weaken course content and affect our Transfer Performance Measures. Four year institutions ignoring guidelines in the articulation agreement (i.e. accepting MAT 115 as a core course) threatens how our transfer students perform at the university level affecting the results in our Transfer Performance Measures.		
Goal #	Values for Teaching	College Goals	2006-2007 Department Outcomes/Goals	Success Criteria (e.g. outcomes, enrollment increases)	Plan of Action (including resources needed)
1.			Students enrolled in MAT 140 will experience success and have a similar experience, regardless of class format or location.	<p>1. The distribution of results of similar test questions for all math 140 classes should be the same for all math 140 instructors.</p> <p>2. Student success rates for each section will be within 10% of the mean for all sections.</p>	<p>1. Five test questions for a statistics unit will be created for all math 140 instructors to use. Distributions will be compared.</p> <p>2. Full-time faculty will mentor adjuncts who have never taught the course before. Each instructor will provide the success rate for each section. Success rate is defined as the percentage of students enrolled at the end of drop/add who complete the course with D grade or better. These rates will be compared and the reasonableness of this criterion will be evaluated.</p>
2.			Maintain integrity of math courses across the entire college.	Adjunct faculty, developmental and curriculum, from all campuses will meet with department.	Meet with Dr. Haire and adjunct faculty. Request funding to cover faculty time and travel to meetings. Discuss with Dr. Haire ways to maintain quality of content. ( i.e. Full-time faculty will mentor new adjuncts.)

3.		Students in all curricula will have the correct courses available.	The 2007-2008 catalog will include MAT 161A or other changes to satisfy the Biotech articulation.	The team will work with Deanne to find a solution and if necessary Hilary will work with C&I committee to add the course to the catalog.
4.		Placement into MAT courses will be better defined for Arts and Science advisors.	Arts and Science advisors will have written guide in the catalog and/or on the web that will help them with course selection.	Modify the spreadsheet "Guide for Math Courses" to include test scores requirements. (hs)
5.		Expand forms of course delivery.	MAT 110 will be offered online for the first time in Fall 2007 if appropriate resources are available.	Terry will seek to participate in the Faculty Laptop Program to create a course.

<b>Budget Item Description: (Budget items requested from college funds)</b>	<b>Current Year Budget:</b>	<b>Ongoing Operational Budget:</b>	<b>Expansion Budget:</b>
Supplies-			
Travel-			
AMATYC Nov. 2-5, 2006 Cincinnati, Ohio flight (4) registration per diem *4*3 days	\$ 5,072.00		\$200 for part-time instructors to attend mtgs.
Program Accreditation-			
Other-			
Misc. manipulatives			
Flat panel screen 15", Hilary's is going.	\$215.00		
National Council Teachers Mathematics/Statistics Journals	\$150.00		
Batteries, Lab Equip./Misc.	\$200.00		
<b>TOTALS</b>	<b>\$ 5,637.00</b>		

<b>Criteria Results</b> <b>Be sure to utilize most current data available</b>	<b>End of Year Analysis</b> (Goals achieved impact of equipment purchased, improvements to your program, contingencies, etc.) Describe how you used the results to improve your program
The distribution of results of similar test questions for all math 140 classes should be the same for all math 140 instructors.	This was true for Fall semester. Similar results are expected for Spring. Terry will attach completed analysis to this file in May.
Student success rates for each section will be within 10% of the mean for all sections.	This was true for Fall semester. Similar results are expected for Spring. Terry will attach completed analysis to this file in May.
Adjunct faculty, developmental and curriculum, from all campuses will meet with department.	* Meeting for all SCC math instructors (Discuss 140 outcomes, etc.) Friday, Sept 15

	<ul style="list-style-type: none"> <li>* Math Social, Friday November 3</li> <li>* Math Social, Thursday February 22</li> <li>* Art Buesch attended NCMATYC with Mary Bradley</li> </ul>
The 2007-2008 catalog will include MAT 161A or other changes to satisfy the Biotech articulation.	MAT 161 A is in the current catalog. It will be offered as needed.
Arts and Science advisors will have written guide in the catalog and/or on the web that will help them with course selection.	This was provided to Arts and Sciences advisors during Fall semester.
MAT 110 will be offered online for the first time in Fall 2007 if appropriate resources are available.	Terry will offering MAT 110 in hybrid format for Summer and Fall 2007.

### **Mid-point Review**

<p>Progress Notes:</p> <p>MAT 161A will be added to catalog just in case we ever need to offer it.</p> <p>140 common questions analyzed – similar distributions. Some problems with questions/formats. Will rewrite questions to reflect test used in seat-based courses.</p> <p>Math faculty social held in fall and planned for Feb 22.</p> <p>Math guide spreadsheet is ready.</p> <p>Terry has new laptop and is working on MAT 110 online materials.</p> <p>January 29, 2007</p>
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