

PLANNING/OUTCOMES DOCUMENT

Name of person(s) completing form:			Terry Tolle Hilary Seagle Rudranath Beharrysingh Mary Bradley	Curriculum/Department:	Mathematics/College Transfer
Purpose/Mission Statement				Vision Statement (3-5 years)	
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.	
Program Strengths:				Program Weaknesses:	
Diverse teaching styles and backgrounds. Use of technology.				Unable to offer diverse courses due to limited demand.	
Program Opportunities:				Program Threats:	
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	2007-2008 Department Outcomes/Goals	Success Criteria (e.g. outcomes, enrollment increases)	Plan of Action (including resources needed)
1	5	1	MAT 060 and MAT 070 will be offered as true hybrid courses.	Hybrid sections on schedule in Spring 2008.	New Educosoft platform will allow Mary to offer true hybrid sections.
2	5	1	Offer MAT 162 as a hybrid course, by the fall of 2008.	Success rates from regular and hybrid MAT 162 will be similar.	Mat 162 is being web-enhanced this fall (2007) using "Eduspace" from Houghton Mifflin. In the spring of 2008, Mat 162 will be piloted as a hybrid class and as a regular class. If the success rates are similar, MAT 162 will be offered again as a hybrid in the fall.
3	8	2	Stimulate math awareness through competitions.	SCC will send a team to Gainesville, Georgia in the spring.	The math department will recruit the top math students to possibly represent SCC at the Gainesville Math contest in the spring. Rudy will accompany the team.
4	9	1	All students enrolled in 070 will be equally successful in curriculum courses, regardless of format of 070 course.	No statistical difference between student success rates in Seagles's sections of 140 for students in different sections of 070.	Hilary will study success rates of different groups of 070 students for Seagle's 140 sections beginning in 2000. Make decisions about whether computer based 070 texts have increased success. Are 3-day courses preferable to 5-day courses in 070, etc

5	9	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 were created in Spring 2007 for all math 140 instructors to use as part of the test. Distributions will be compared.</p> <p>2. Hilary Seagle 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>
6	5	1	Online courses will be independent of publisher content in order to simplify student access and reduce student costs for published books and the publisher access codes.	MAT 115 will be offered in this format Fall 2008.	Terry will develop a self-contained online MAT 115 in Blackboard and other web platforms.

Budget Item Description: (Budget items requested from college funds)	Current Year Budget:	Ongoing Operational Budget:	Expansion Budget:
Equipment- "Tablet" for online coursework – development and presentation Pinnacle Movie Maker		\$250 \$200	
Travel- AMATYC – 3 registrations @ \$420 2 hotels rooms * 2 nights @\$150 3 flights @\$600 3 Meals * ? days MATH CONTEST – Gainesville, GA Registration School Van Per diem NCMATYC MATH LEAGUE – Registration		\$5000 \$100 \$50	
Program Accreditation-			
Other- Misc. manipulatives Graphing White Boards for 100C, 100D, 106		\$300 \$600	
TOTALS			

Criteria Results Be sure to utilize most current data available	End of Year Analysis (Goals achieved impact of equipment purchased, improvements to your program, contingencies, etc.) Describe how you used the results to improve your program

Mid-point Review

Progress Notes:
