

PLANNING/OUTCOMES DOCUMENT

Name of person(s) completing form:		Terry Tolle Hilary Seagle Rudranath Beharrysingh		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.				Terry won't listen, even though he does wear his hearing aid. He says to blame his mother.	
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)				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	2005-2006 Department Outcomes/Goals	Success Criteria (e.g. outcomes, enrollment increases)	Plan of Action (including resources needed)
1.	6	1	The course offerings will meet current demands within the school.	The 2006-2007 catalog will reflect current offerings. Outlines will be written or updated for MAT 121(hil- done), 122(hil-done), 175A (rudy) and 140 online(tt)	Update catalog : 175A (hil) 101? Is it still needed in career technologies? (hil)
2.	3,6	1	Placement into MAT courses numbered 162 or greater will be better defined.	Advisors will have written guide in the catalog and/or on the web that will help them with course selection.	Modify the spreadsheet begun by Jan Smith last spring as needed and disperse among advisors. Run placement for upper level math thru C&I as needed. (hil) In 2-4 years or as enough CLM cores are collected, we re-evaluate the using them for placement into Trigonometry and beyond.
3.	5,7	1	Expand forms of course delivery.	MyMathLab will be used in 140 in the fall 2005. MAT 110 and 115 will be offered online for	Change MAT 140 online to MyMathLab and consider using it for 115 online. (tt) Investigate Educo for an online MAT 110.(tt)

				the first time in Spring 2006 if appropriate resources are available.	Hybrid courses with Educo – 175 and perhaps 271(rudy)
4.	1,7	1	Assist A&S students and advisors in accurately selecting the correct math course for their intended fields of study.	Students will have written guide in the catalog and/or on the web that will help them with course selection. (seagle)	Per Dean Putman’s request a flowchart type sheet will be developed to indicate the different paths that a student might take beginning with developmental to terminal curriculum courses.
5.	7	1	Make it easier for more students to have access to graphing calculators.	Students will be able to borrow a graphing calculator on a first-come basis by Spring 2006.	Investigate setting up a loan program through the library or other avenues. (seagle)
6.	5,7	1	Continue to stress use of technology in the classroom.	Students will have an opportunity to learn more about calculators.	Rudy will offer calculator workshops through LAC.

Budget Item Description: (Budget items requested from college funds)	Current Year Budget:	Ongoing Operational Budget:	Expansion Budget:
Supplies-			
Equipment- Scanner (Rudy)	\$200		
Travel- NCMATYC – Wake Tech Conference for teaching Math on-line	\$1010 \$3000		
Program Accreditation-			
Other- Misc. manipulatives	\$300		
TOTALS	\$4510		

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
Nelda Reid contacted re: loan program on 8/16 by hil.	Instructors have decided to loan calculators on an individual basis.
Students will have an opportunity to learn more about calculators.	Rudy offered a calculator workshop on 9/7/05 attended by 8 students. Spring workshops were also offered.
The 2006-2007 catalog will reflect current offerings.	The new catalog is correct except for pre-req on 151:“and 140” should be “or 140” Pre-reqs for 175 should include 162.

Advisors will have written guide in the catalog and/or on the web that will help them with course selection.	Due to statewide regulations, we will be using the CPT scores to place students into 162,175 and 271. MAT 162 ALG \geq 76; MAT 175 ALG \geq 96; MAT 271 CLM \geq 80 or SAT 650. Students taking MAT 175 will also take the CLM for data purposes.
MyMathLab will be used in 140 in the fall 2005. MAT 110 and 115 will be offered online for the first time in Spring 2006 if appropriate resources are available.	MyMath Lab was used and seems to be successful. MAT 115 is ready to be offered online in fall 2006. Good sources for MAT 110 are not currently available. Hybrid 175, 161 and 271 was offered and went well using Educo. These courses were not “online”, but MAT 161 will be web-centered hybrid for summer.
Students will have written guide in the catalog and/or on the web that will help them with course selection.	The document is under review as of May 2, 2005

Mid-point Review

Progress Notes:
