

**WRIGHT COLLEGE
PROGRAM/DISCIPLINE ASSESSMENT FORM**

Program/Discipline: Math Department	Instructional Manager: Marilyn Young
Semester: Fall	Year: 2007
	Department Chair: John Scoubis

College Mission: Wright College is a learning-centered, multi-campus institution of higher education offering students of diverse backgrounds, talents, and abilities a quality education leading to baccalaureate transfer, career advancement, and/or personal development.	
Program/Discipline Mission: The Department of Mathematics offers students of diverse backgrounds and skills a variety of mathematics courses so that students will develop the ability to explore, conjecture, reason logically, and effectively solve mathematical problems using multiple methods and current technology to acquire the knowledge necessary to succeed in their future endeavors.	
A. Departmental Concerns - Complete During Inservice Week	
Evidence:	The CAAP 04 and CAAP 06 results show that critical thinking and writing need improving.
Area of Focus:	To help students communicate and express the solution to application math problems rather than just give a numeric answer.
B. Program/Discipline Assessment Plan – Complete During Inservice Week	
Course(s) of Interest	Math 99: Intermediate Algebra
Intended Program Student Learning Outcomes List and number each outcome to be measured during this cycle.	<ol style="list-style-type: none"> 1. Process mathematical information symbolically, visually, numerically, and verbally. 2. Apply mathematics (arithmetic, algebra, geometry, trigonometry, calculus or statistics) to solve real world problems encountered in their future.

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<p>Departmental Assessment Coordinator(s):</p> <p>List the instructor(s) leading the assessment process for each outcome listed above.</p>	<p>Jose Luis Hernandez</p>
<p>Assessment Process</p> <p>Address the following questions:</p> <p>What approach will be used?</p> <p>Why was this process selected?</p> <p>How will student learning be measured?</p> <p>When will data collection be completed?</p> <p>Who will analyze the results?</p>	<p>The students will write solution and explanation as an ongoing weekly exercise. We will create a partnership with English, Science, and Business faculty.</p> <p>To give students practice writing and thinking about the connections between answers and the process by which they are achieved.</p> <p>Comparisons will be made between week 2 and week 15 results. Students' impressions of the writing exercise will be surveyed.</p> <p>Week 2 and week 15 of each semester.</p> <p>Pat Miceli and Victoria Polotsky</p>
<p>Criteria for Success</p> <p>For the outcomes listed above, identify the criteria used to determine success.</p>	<p>Marked improvement between week 2 and week 15 papers. Majority of the students feeling that writing was helpful.</p>

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C. Assessment Results and Action Plan – Complete in Spring 2008	
<p>Summary of Results and Analysis of Data Collected</p> <p>What were the results of the assessment process?</p> <p>What was learned from the results?</p>	
<p>Action Plan Based on Results and Analysis</p> <p>Based on what was learned, what steps will be taken to improve student learning?</p>	