

Department of Mathematics
Assessment Plan: Academic Outcome 2004-05

<u>Expanded Statement of Institutional Purpose:</u>	<u>Program Intended Educational Outcomes:</u>	<u>Means of Program Assessment and Criteria for Success:</u>	<u>Summary of Data Collected:</u>	<u>Use of Result:</u>
<p><u>Mission Statement:</u> Serve future mathematicians, scientists, business strategists and engineers. Serve future teachers of mathematics and computer science students as well as those pursuing studies in the arts and humanities</p> <p><u>Goals statement:</u> Prepare our majors for successful careers after graduation.</p> <p>Prepare our mathematics</p>	<p>Graduates will:</p> <ul style="list-style-type: none"> ■ be able to perform complex tasks; discern patterns; undertake intellectually demanding mathematical reasoning; and reason rigorously in mathematical arguments. ■ possess an understanding of the breadth of the mathematical sciences and their deep interconnecting principles; substantial knowledge of a discipline that 	<ol style="list-style-type: none"> 1. Assessment measures include exams, homework and quizzes; course projects; undergraduate research. 2. Global assessment measures include Exit exam, acceptance to graduate schools. 3. Majors will achieve a grade C or better 4. Students seeking admission into graduate schools will be well prepared in their 		

<p>education majors with both the mathematical knowledge and the teaching skills necessary for successful teaching careers in secondary schools.</p> <p>Prepare our majors for successful admission into graduate schools</p> <p>Offer the mathematical instruction that is needed and requested by the major departments we serve</p>	<p>makes significant use of mathematics</p> <ul style="list-style-type: none"> ■ be able to apply mathematics to a broad spectrum of complex problems and issues; formulate and solve problems; undertake some real-world mathematical modeling project. ■ be able to read, write, listen, and speak mathematically. 	<p>field.</p> <p>5. Graduates will be familiar with the use of computer for mathematics.</p> <p>6. Graduates will rate the education they received from this department.</p>		
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