**UNIVERSITY OF DAYTON ASSESSMENT ACTIVITY FORM**

**Department/Program:** Mathematics / MTA, MTH, MTE  
**Date:** 1 June 2005  
**Chair:** P.W. Eloe

<table>
<thead>
<tr>
<th>OUTCOMES/MEASURES UTILIZED</th>
<th>RESULTS</th>
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<td><strong>Outcome Four</strong> - The student will exhibit an ability to organize and effectively communicate mathematical ideas to others, both orally and in writing.</td>
<td>11 of 11 seniors were involved in these activities. 5 were in the E-11 program, 4 were actively involved in every aspect of the Mathematics Club, which included oral and written communication of mathematics, 3 worked as undergraduate TAs, 1 student wrote a paper that is submitted for publication in a peer reviewed journal, 3 students submitted posters in the Stander Symposium.</td>
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<td><strong>Measure 1</strong> Through participation in one of the student mathematics organizations, Honors program, the national mathematical contest in modeling, or the secondary certification program in mathematics, 80% of the students will have given an oral or written presentation of significant length.</td>
<td>An error was made by the departmental chairperson and no portfolios were submitted.</td>
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<td><strong>Measure 2</strong> Upon review by the faculty, 80% of the students will be able to demonstrate their ability to write expository mathematics through an exhibit in their portfolios.</td>
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