# Marquette University Learning Assessment Plan

## Mathematics, Statistics and Computer Science

**Program:** Mathematics for Elementary School Teachers (MELT)  
**Degree:** B.S.  
**Date Submitted:** September 30, 2010

<table>
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<th>Program Learning Outcomes Students will be able to:</th>
<th>Performance Indicators</th>
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| 1. Demonstrate a knowledge of and ability to communicate school mathematics. | a. Uses definitions and terminology accurately.  
b. Gives clear explanations.  
c. Responds to questions with understanding and insight. | Specific questions on MATH 4420 final exams. Presentations in MATH 4420. | Instructors score exams and presentations. Teacher Education Committee collects, compiles, and reviews data, and reports to the MSCS Executive Committee. |
| 2. Demonstrate a knowledge of the connections between student learning and mathematics as they relate to major topics in elementary school. | a. Analyzes students’ thinking and learning strategies.  
b. Makes connections between mathematical ideas in different contexts.  
c. Challenges and extends students’ mathematical ideas.  
d. Identifies and remedies students’ misconceptions. | Specific questions on MATH 2032 final exams. Papers and presentations in MATH 2032. | Instructors score exams, papers, and presentations. Teacher Education Committee collects, compiles, and reviews data, and reports to the MSCS Executive Committee. |