

**Dual-Level Course Rubric**  
**MS in Mathematics Education Program**  
**University of Wisconsin Oshkosh**

The graduate experience is designed to allow students in our program to study mathematics, mathematics education and statistics at a deeper and more rigorous level than that of undergraduates. In order to differentiate the graduate from the undergraduate experience in our dual-level courses, instructors will provide a syllabus and brief explanation describing the ways the course meets the below criteria.

In order to be accepted as a dual-level course for the Masters of Science Program in Mathematics Education, the offering must meet both criteria #1 and #2 below and at least two of the four additional criteria (#3 – #6). (Criteria #3 - #6 should be thought of as ways to fulfill criteria #1 and #2.)

- 1) The course syllabus must list specific objectives to be met by the graduate students that are more substantial than those for the undergraduates.
- 2) The syllabus must describe specific assignments for graduate students that are more substantial than those for undergraduates.
- 3) The graduate students are required to do original research in mathematics, mathematics education or statistics.
- 4) The graduate students are required to demonstrate a higher level of synthesis, analysis or problem solving than that of the undergraduates.
- 5) The graduate students are required to write more rigorous mathematical proofs than those of the undergraduates.
- 6) The graduate students are required to assume a leadership role in the class (by making presentations, or the like) that is more substantial than that of the undergraduates.

This policy was approved by a majority vote of the Graduate Council on October 13<sup>th</sup> 2008; final copy approved on 12/1/2008.