

1023-G1-1587      **Mary Garner\*** (mgarner@kennesaw.edu), Department of Mathematics, Kennesaw State University, 1000 Chastain Road #1204, Kennesaw, GA 30144. *A Problem Analysis Course for Middle Grades Teachers.*

Guidelines published by the CBMS (2001) call for college courses in which future teachers deepen and broaden their understanding of the mathematics they will be required to teach and experience the learning of mathematics in a way that emphasizes understanding, encourages exploration, and facilitates making connections between different areas of mathematics. In 2001, the Department of Mathematics at Kennesaw State University began offering such a course for future middle grades and secondary mathematics teachers. The course has evolved over the years into one built around analyzing problems from the middle grades curriculum. In this session and its accompanying paper, we'll share the syllabus, assignments, and rubrics, discuss student work and reactions, and describe how and why the course has changed since it was first offered in 2001. (Received September 26, 2006)