

Meeting: 1000, Albuquerque, New Mexico, SS 16A, Special Session on Mathematics for Secondary Teachers: Curriculum and Assessment

1000-97-21 **Ralph J. Bremigan*** (bremigan@math.bsu.edu), Department of Mathematical Sciences, Ball State University, Muncie, IN 47306-0490, and **Elizabeth George Bremigan** and **John D. Lorch**. *Mathematics for Secondary School Teachers: Basics, Connections, and Extensions*. Preliminary report.

The authors are PI's on an NSF-sponsored project to create a textbook for a mathematics content course for pre-service mathematics teachers. The textbook provides an in-depth look at carefully selected topics in middle and high school mathematics, using tools from freshman/sophomore level college mathematics. Drafts of the textbook have been field-tested at Ball State University. The authors will report on mathematical and pedagogical approaches in the text, and assessment data from field testing. (Received June 29, 2004)