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**Pete Johnson\*** ([johnsonp@easternct.edu](mailto:johnsonp@easternct.edu)), Mathematics and Computer Science Department, Eastern Connecticut State University, 83 Windham St., Willimantic, CT 06226. *An innovative mathematics course for undergraduate preservice secondary mathematics teachers*. Preliminary report.

In the Spring of 2006, Eastern Connecticut State University offered a new mathematics course for preservice secondary mathematics teachers. This course was the result of a deep collaboration between two mathematics educators, one in the Mathematics and Computer Science Department (the speaker) and one in the Education Department. It was designed for students to gain a deeper understanding of the mathematics they would be teaching at the secondary level, and to enable them to see connections between the mathematical content they learned in undergraduate courses and the content of secondary mathematics. In addition, the course was designed to gather data to be used for the accreditation of the Education Department, based on standards published by the National Council for Accreditation of Teacher Education (NCATE) and the National Council of Teachers of Mathematics (NCTM). Finally, the course included a review of material on the Praxis II Mathematics Content Knowledge examination, required for students to become certified to teach mathematics in Connecticut and many other states. This presentation will include an overview of the content and weekly activities in the course, and of the data collected for the accreditation process and research to be conducted on the course. (Received September 03, 2006)