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Maritza M. Branker* (mbranker@niagara.edu), Department of Mathematics, Niagara University, NY. *Building a capstone course on the theme of the relevance of mathematics to society.*

This talk will outline the successful capstone course at Niagara University catering to mathematics majors and pre-service teachers with a concentration in mathematics. The theme of the course is the relevance of mathematics to society and the topics covered include game theory, linear programming and the theory of computation. The underlying goal of the course is to enable students to appreciate the pervasive nature of mathematics and gain a better understanding of the vast scope of mathematics as a discipline. (Received September 08, 2013)