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Mary Ann Connors* (mconnors@wsc.ma.edu), Department of Mathematics, Westfield State College, Westfield, MA 01086. *Effective Mathematics Course Experiences for Prospective High School Mathematics Teachers.*

Requirements for prospective mathematics teachers include mathematical modeling, problem solving, effective use of technology, and communicating mathematics. Often teachers use the same methods of teaching that they experienced in their own learning of mathematics. This session will focus on practices in mathematics and mathematics methods courses which help prospective mathematics teachers to develop mathematical knowledge that is organized for teaching and activities for problem solving with the use of technology. (Received September 26, 2006)