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Mary Ann Connors* (mconnors@wsc.ma.edu), Department of Mathematics, Westfield State College, Westfield, MA 01086. *Integrating Engineering Technology into the Teaching of Mathematics.*

This presentation describes a professional development interdisciplinary graduate course designed to enable middle school mathematics teachers to deepen their knowledge of mathematics and engineering technology concepts and to develop hands-on classroom activities. The focus of this course includes hands- on activities integrating mathematics, technology, and engineering design. The activities can also be modified for high school and undergraduate college level courses. The presenter will describe and demonstrate some examples of the activities integrating appropriate technology, including building and testing bridges, parachutes, roller coasters and other relevant models. (Received August 18, 2008)