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

This presentation delineates a five day summer professional development institute to enable 5th -8th grade teachers to deepen their knowledge of mathematics and engineering/technology concepts and develop hands-on classroom activities with respect to the Massachusetts curriculum frameworks. The area of focus for this course includes hands- on activities on engineering design, building bridges, and other relevant topics. The content and pedagogy course was sponsored by PV STEMNET - a network of schools, institutions of higher education, other formal and informal educational organizations, and industry. It was established with funding from the Massachusetts Board of Higher Education with the following purpose: The purpose of the Pipeline Fund is "to increase the number of Massachusetts students who participate in programs that support careers in fields related to mathematics, science, technology, and engineering...to increase the number of qualified mathematics, technology, engineering and science teachers in the Commonwealth and to improve the mathematics, technology, engineering and science educational offerings available in public and private schools." (Received September 18, 2005)