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Sarah Glaz* (glaz@math.uconn.edu), Department of Mathematics, University of Connecticut, Storrs, CT 06269. *Preparation for Sciences: Integrating Intermediate Algebra and Mathematical Modeling.*

This talk will describe an innovative course, developed by the speaker, at the University of Connecticut. The course's purpose is to provide an engaging and effective preparation for science courses for students whose high school algebra needs reinforcement. The course combines a college oriented review of Intermediate Algebra with weekly group projects in mathematical modeling, and uses online resources to enhance teaching and to facilitate the coordination of the course across University of Connecticut's six campuses. (Received August 16, 2006)