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One Otterbein College, Westerville, OH 43081. *Comparing Methods of Instruction in Intermediate  
Algebra for College Students, Round 2*. Preliminary report.

Does the use of online content in teaching intermediate algebra to college students produce better results than a more traditional lecture approach? This investigation compares the learning of two groups of intermediate algebra students at a small, private, comprehensive institution with a college-wide mathematics requirement. One group will use MyMathLab, a text-specific online course that provides individual assessment and a variety of learning mechanisms, as the primary teaching/learning tool. Students will spend three days per week working individually in a computer laboratory with instructor supervision/assistance and two days per week in brief lecture and/or in groups determined by identified areas of weakness or strength. The second group will act as a control group, with traditional lecture (by the same instructor) five days per week as the primary teaching/learning tool. Data gathered will include a pre-test and a common final examination, among other things. Preliminary results will be shared at this session. (Received September 09, 2008)