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Robert E. Wieman* (rwieman@vsu.edu), P.O. Box 9068, 1 Hayden Drive, Virginia State University, VA 23806. Assessment of Enhanced College Algebra at Virginia State University in its Second Year. Preliminary report.

Virginia State University has implemented a dramatic enhancement of its College Algebra Course. This enhancement is embodied in two primary changes to the curriculum: weekly group activities, with emphasis on skills used in the students' major, and rigorous assessment and improvement of core pre-algebra and algebra skills using the ALEKS Webbased learning system. These additions to the course have entailed increasing the credit hours from 3 to 4 and introducing a weekly 2-hour "lab" session in which the group activities are conducted.

In this presentation, we elaborate on the purpose and implementation of these enhancements, and assess their impact on student performance in the class thus far. We conclude with an analysis of the challenges we have experienced and consideration of possible refinements. (Received September 22, 2011)