

1125-VR-2409 **Ellen R. Swanson** and **Lesley W. Wiglesworth*** (lesley.wiglesworth@centre.edu), 600 W. Walnut Street, Danville, KY 40422. *Improving Student Success in Calculus Using an Algebra Supplement Course.*

Weak algebra skills can be a stumbling block for students in many college courses, especially Calculus. A supplemental algebra course was offered for students who were taking Calculus I at Centre College, during a reorganization of course offerings. The students were simultaneously enrolled in the traditional Calculus course and took an additional hour course in algebra. Using the results of a pre- and post-test, we analyze the improvement of the students in comparison to those not enrolled in the additional course. We found, in general, that the scores on the test improved as did the confidence in the students in the supplemental course. (Received September 20, 2016)