

1035-Z1-1194 **Matthew DeLong*** (mtdelong@taylor.edu), Taylor University, 236 W. Reade Ave., Upland, IN 46989. *Using DyKnow Vision and Tablet PCs to Facilitate Active Learning in Calculus.*

DyKnow Vision is a software tool that enables instructor transmission of content, student-student collaboration through content annotation, and student-instructor interaction through classroom response tools. DyKnow Vision works especially well with Tablet PCs in the STEM disciplines, because of the ability to quickly produce and share mathematical notation and graphs. I will report on my use of DyKnow Vision for Multivariable Calculus and Differential Equations in a classroom equipped with Tablet PCs. I will describe three ways in which I have used the technology to facilitate active learning in class. I will list successes and setbacks with using the technology. Finally, I will report on data gathered from students on their perceptions of the technology. (Received September 19, 2007)