

1035-Y1-1864      **Marilyn Reba\*** (mreba@clemsn.edu). *Active Learning in Stem Courses via Tablet PCs with Web-Based Classroom Interaction Software.*

The Department of Mathematical Sciences at Clemson University has supported several technology initiatives designed to improve student outcomes in its introductory STEM courses. With 2006/2007 grants from Hewlett-Packard, HP Tablet-PCs with web-based software have enhanced student/instructor interaction in several STEM classrooms. A new technology classroom has recently been built where math, engineering and computer science faculty will investigate and collaborate on new ways to use Tablet PCs with in-class group projects and activities. Student performance and perceptions in the context of these innovations will be addressed. (Received September 20, 2007)