

1077-VI-1955      **Eric Thornburg\***, Department of Mathematical Sciences, Thayer Hall, West Point, NY 10996,  
and **Benjamin Hung** and **John Jackson**. *Learning with the iPad: Does this technology help or  
hinder student understanding?*

Traditionally, technological advancements in the classroom have been restricted to computational aids like the graphing calculator or computer algebra system. The iPad provides an outlet like no other in terms of integrating the entire student experience in the classroom: computing, text referencing, note taking and the ease of sharing information and communicating between classmates and the instructor. In this presentation, we share our observations and insights on teaching an introductory college mathematics course using the iPad. In particular, we address how we implemented particular iPad applications to allow the student to: (1) use the course text as an electronic reference; (2) take course notes; (3) exchange information in and out of the classroom; and (4) organize their learning. (Received September 21, 2011)