

1096-VP-1396 **Patricia Anderson*** (panderson@southern.edu) and **Kevin Brown**. *College Algebra: A Comparison of Traditional and Computer Aided Approaches*. Preliminary report.

Across the nation, students in a traditional Precalculus mathematics classroom tend to have widely varied skills with many not satisfactorily completing the course. Southern Adventist University was no exception to this rule. In the 2012-2013 school year, Southern Adventist University raised the entrance requirements to the traditional Precalculus course and introduced both a traditional College Algebra course and a hybrid College Algebra course. The hybrid course utilizes an online environment for all aspects of the course while still requiring in person class attendance. We give a preliminary report on the outcomes of both College Algebra courses focusing on what worked and what needs to be changed for later implementations. We also report on the progress of those students who advanced into the traditional Precalculus course. (Received September 16, 2013)