

1086-H1-2686 **Michael S Gagliardo*** (mgagliar@callutheran.edu). *Combining Khan Academy and Active Learning in Pre-calculus.*

Students enter pre-calculus with a diverse mathematical background. Presenting the material at the appropriate level for all students in the course becomes exceptionally challenging. In order to address individual students' needs, I used both the Khan Academy and an active learning approach in my pre-calculus courses. In this talk I will discuss the rationale behind this method, the structure of the course and student reactions. (Received September 25, 2012)