

1135-B5-2640 **Andrew G. Bennett** and **Ian Manly*** (imanly62@ksu.edu), Kansas State University, Dept. of Mathematics, Cardwell Hall, Manhattan, KS 66506. *Bailout Pre-Calculus: An Approach to Improving Retention.*

One of the issues facing higher education, especially in STEM fields, is that of retention - what can we do to keep students studying STEM fields, or even just keep them in college? Kansas State University has introduced a "bailout" course for Calculus 1. After the first exam of the semester, students who performed poorly are given the opportunity to have a clean start in a new section of Pre-calculus, for no cost and with no record of withdrawal from Calculus. This has made an impact on retention as measured a year later. In this talk we will discuss the specific assignments and student work, including our analysis of which elements seem most critical to student success. (Received September 26, 2017)