

1077-VI-199

Ellen M Ziliak*, eziliak@ben.edu. *Clickers in the Calculus II Classroom*. Preliminary report.

One of the issues with the Calculus II course is that students come to my class with misunderstandings of the goal of the course. They think that our goal is to teach them how to be a good calculator, rather than to be individuals who can go into the world and be good problem solvers. Part of this misconception stems from the fact that the material in this course tends to be taught differently than the other two courses in the Calculus sequence. Often Calculus II tends to be the course that picks up the remaining material that did not fit in to Calculus I. I want my students to learn in my class a useful way to apply their mathematical knowledge to the types of problems they will face in their everyday lives, and previous studies have shown that Clicker questions are a way to do this. The goal of this talk is to discuss my preliminary results of using my Clicker Questions in an attempt to motivate my students to gain a deeper understanding of the concepts covered in a Calculus II course. (Received August 11, 2011)