

1116-J5-2317 **May Mei*** (meim@denison.edu). *Active Calculus: An Activity-Driven, Student-Centered Approach.*

In this talk, I describe my first semester using a completely activity-based approach to calculus with Matt Boelkins' Active Calculus. The course is Essentials of Calculus, which is meant to be calculus for students who have never taken calculus before. I hoped that students would experience mathematics as a generative process, that they would feel capable of creating their own mathematics, and that this would dissuade them of the notion that they are not "math people." To this end, I present some results from surveys conducted at the beginning and end of the semester. (Received September 22, 2015)