

1067-Z1-1763 **David Crombecque*** (dcrombec@gettysburg.edu). *Teaching a first semester Calculus class entirely through Inquiry Based Learning.* Preliminary report.

In this report, we will look at the benefits, challenges and outcomes for students engaged in a first semester of College Calculus taught exclusively through Inquiry Based Learning (inspired by Moore's method). This class was taught during Fall 2010 to a Freshman class. The content focused on the creation of the theory of calculus and was proof-intensive. The entire class time was devoted to students presentations and had very little to no lecturing components. (Received September 21, 2010)