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We are in our fourth semester of using Team Based Learning (TBL) in large lecture (150 students) sections of Calculus I. We will give a brief overview of the components of the course and talk about the adjustments we have made to the “standard” TBL model. We will also discuss results of our research into the effectiveness of this approach, including results on the Calculus Concept Inventory, departmental midterms and finals, DF-drop rates, attendance, and performance in downstream courses. (Received September 23, 2017)