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Mike May* (maymk@slu.edu). *Rethinking Business Calculus with Spreadsheets and Laptops*. Preliminary report.

The chapter on Business and Finance in the 2004 Crafty report on the Voices of Partner Disciplines had a number of recommendations, including more extensive use of spreadsheets and modeling. It also suggested mathematics faculty should engage in discussions with the business faculty to see what they wanted out of the mathematics courses for their students. We have attempted to do this in the one semester calculus course aimed at business students. Rather than attempting this as an add on to a text that is technology neutral, we wrote an electronic text that assumes the students will have a computer with a spreadsheet and the internet available for their classes. It is now reasonable to assume that students will bring their own computers. Given the realities of service courses, the goal of the project includes developing materials that can be used by adjuncts or teaching assistants. We will look at features of the text and reactions from students and faculty in both business and mathematics. (Received August 20, 2012)