1154-VI-2611   **Timothy B Flowers*** (`flowers@iup.edu`). *Teaching a Redesigned Mathematics Course for Business Majors.* Preliminary report.

For many years our department offered a *Business Calculus* course, similar to courses offered at many other institutions. This course met the liberal studies mathematics requirement for all students with a major housed in our College of Business. However, since it was a calculus course, most students needed one or two courses of algebra prerequisites before reaching the class (based on their placement test scores). With this in mind, the College of Business requested we revamp the course to include more applications and ideas of calculus (e.g., marginal cost) while excluding some of the typical calculus machinery (e.g., the quotient rule). They also requested it be an introductory course that required no more than one algebra prerequisite. In this talk, I will summarize the work of several of my colleagues to develop our new *Business Mathematics* course to these specifications. I will also report on my experiences teaching the course in the first semester in which it was ever offered, including what went well and what did not for me and for the students. (Received September 17, 2019)