

1067-V1-30

Gregory A Kelsey* (gkelsey2@illinois.edu), 300 S. Goodwin Ave., Apt. 609, Urbana, IL 61801. *Group Work and Self-Efficacy in a Business Calculus Class.*

In a business calculus course with lecture and discussion sections, TAs ran half the discussion sections in the standard format and half in a group work format. At the beginning and end of the semester, students completed brief surveys indicating their confidence in their ability to perform mathematical procedures and their ability to learn new mathematics. The changes in the reported learning self-efficacy of the students in the group work sections correlated strongly with their final course grades, unlike in the standard sections. This suggests that while group work may not increase students' learning self-efficacy, it might improve the accuracy. (Received June 06, 2010)