

A Comparison of Math Prerequisites for ECO 3401, Quantitative Business Tools I

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Abstract.

This paper investigates whether there is a difference in the success rate of students taking ECO 3401 (Quantitative Business Tools I) who took College Algebra, and students who took Pre-Calculus Algebra to satisfy the math prerequisite. Beginning in the Fall semester 2008, the math prerequisite for ECO 3401 was changed from MAC 1105 (College Algebra) to MAC 1140 (Pre-Calculus) in an attempt to improve the student success rate in ECO 3401. In the semesters that followed, there was a significant drop in enrollment in ECO 3401, as students were opting to take alternative courses to satisfy the math prerequisite. In the Fall 2011 the prerequisite was again changed to MAC 1105 *or* MAC 1140. Our study investigates whether there is a significant difference in the success rate in ECO 3401 between students who took MAC 1105 and those who took MAC 1140.
