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**Exploring K-12 mathematics course progression: implications for collegiate success in Florida** BETHANY CAMPBELL, CHRISTOPHER VARNEY, AARON WADE, University of West Florida — Increasingly, Florida college students are pressured to change their major as few times as possible and take only required classes, all in order to “Finish in Four, Save More” [1]. If they fail to do so, they may be subject to penalties such as Excess Hour Fees. Partially as a result of this, students wishing to study STEM are at a significant disadvantage if they enter college unprepared to take calculus their first semester. We explore the various “paths to success” to STEM degrees, defined by entering college having taken calculus in high school[2], starting from fifth grade onwards. [1] Governor Rick Scott Issues “Finish in Four, Save More” Challenge to Universities and Colleges. (2016, May 25) <http://www.flgov.com/>. [2] Tyson W., et al.; Science, Technology, Engineering, and Mathematics (STEM) Pathways: High School Science and Math Coursework and Postsecondary Degree Attainment. *Journal of Education for Students Placed at Risk (JESPAR)*, 12(3), 243-270 (2007)

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