

1035-97-1627 **Carl V Lutzer*** (Carl.Lutzer@rit.edu), School of Mathematical Sciences, Rochester Institute of Technology, 85 Lomb Memorial Drive, Rochester, NY 14623-5603. *Project Based Calculus: Stretching and Retaining Students.*

In 2001, the Rochester Institute of Technology revamped its calculus offerings, adopting a paradigm modeled after the Emerging Scholars Program at the University of Texas, among others. The newly minted first-year sequence of courses was named “Project Based Calculus.” This talk will provide an overview of the changes that took place in the calculus offerings, the effect those changes had on student success, and the ways that projects are used. Additionally, some successful projects ideas will be disseminated. (Received September 20, 2007)