

1023-K1-1632 **James P Fulton*** (fultonj@sunysuffolk.edu), 533 College Road, Selden, NY 11784, and
Linda Sabatino (sabatil@sunysuffolk.edu), 533 College Road, Selden, NY 11784. *Using the
Scientific Method to Integrate Biology into a Precalculus Course.*

Suffolk Community College has an NSF-CCLI funded grant with Farmingdale State University to develop a new mathematics curriculum to serve the biosciences. Working closely with the biology department, a new biology-focused precalculus course has been created. The course is designed around the Scientific Method, with precalculus topics arranged and developed in alternative ways to support this approach. The class incorporates a number of Excel-based mathematics labs to reinforce the material, and uses results and data taken from the student's biology labs. This presentation will highlight some new approaches to presenting this material, as well as an assessment of its effectiveness. (Received September 26, 2006)