1035-V1-1630   **Rachel M Dunwell*** (`dunwellr@rhodes.edu`), Department of Mathematics & Computer Science, Rhodes College, 2000 North Parkway, Memphis, TN 38112 1690, and **Christopher W Seaton** (`seatonc@rhodes.edu`), Department of Mathematics & Computer Science, Rhodes College, 2000 North Parkway, Memphis, TN 38112 1690. *An Applied Calculus Course for Everyone.*

Small colleges face the dilemma of creating calculus courses which balance the needs of two sets of students: those with exposure to high school calculus and those without such an experience. In this presentation, we will do two things: describe our course redesign of Applied Calculus that intended to address the challenge of meeting needs of these two sets of students within the same course, and then present a statistical analysis of our success. Our design steeped calculus-lite in a rich source of modeling, and put the Applied back into Applied Calculus. We now offer a course that introduces new students to the world of calculus while maintaining the interest of more experienced students. (Received September 20, 2007)