

1046-Z1-1933 **Carrie Muir*** (Carrie.Muir@Colorado.edu), Department of Mathematics, 395 UCB, Boulder, CO 80309-0395. *Evaluating the Success of a Calculus Placement Test: Aligning the Basis for Placement and the Basis for Assessment*. Preliminary report.

Many institutions use a test of mathematical knowledge and skills to determine, at least in part, course placement. However, when the success of such a placement test is evaluated, the most common measure is students' final grades in the course. I will argue that final course grade is not an appropriate outcomes measure for student placement based on a knowledge and skills based test, and will present alternative outcomes measures. Preliminary results from a study of a proposed Calculus Readiness Test will also be presented. (Received September 16, 2008)