Quantway: Using Quantitative Reasoning to Teach Developmental Math to College Students.

The Carnegie Foundation developed a quantitative reasoning course, Quantway, to address the growing need for getting more students to and through their college mathematics requirements. Quantway is commonly offered as an alternative to Algebra 1 and Algebra 2 at more than a dozen colleges. Over 2000 students have successfully completed Quantway nationwide. We will talk about the success rates of the course, how students performed in their subsequent math course, and the predictors of this success. We will also share the successes and challenges of faculty in delivering a developmental mathematics curriculum through a quantitative reasoning lens. (Received September 16, 2014)