

1014-P1-789 **Klement Teixeira*** (kteixeira@bmcc.cuny.edu), Department of Mathematics, 199 Chambers Street, New York, NY 10007, and **Fred Peskoff** (fpeskoff@aol.com), Department of Mathematics, 199 Chambers Street, New York, NY 10007. *From Math Distress To Math Success: The Development of a Quantitative Reasoning Course To Motivate Student Learning.*

During the fall 2003 semester, the authors chaired a committee to create a new "Quantitative Reasoning" (QR) course in an urban community college. Several mathematical organizations including AMATYC and the MAA have stated the need for all college graduates to be quantitatively literate. Consequently, the authors felt that such a course would be of great value to their students. The course was successfully created with three sections initially offered during the Fall 2005 semester. The authors specifically emphasize topics of interest to students such as financial management, putting statistics to work, and how numbers deceive. Moreover, class instruction utilizes interactive teaching methods that elicit student participation by relating mathematics content to their everyday lives. Interest in this course has been unprecedented. Students consistently visit the instructors during office hours with requests to learn more about savings plans, credit cards, loans, mortgages, etc. Specific testimonials of student interest will be presented. (Received September 23, 2005)