

1023-D5-1420

Alberto Candel* (alberto.candel@csun.edu), Dept of Mathematics, California State University at Northridge, Northridge, CA , and **Juana Sanchez**. *Assessing Student Performance in College Algebra with WeBWork*.

WeBWork is an Internet-based homework delivery system developed by the University of Rochester. It has been used at California State University at Northridge in many of our College Algebra sections (and in other courses as well) since the Spring 2004 semester. In this paper we exhibit several statistical tests showing that using WeBWork for homework delivery has a positive influence in the passing rate of College Algebra students at our university. We also exhibit statistical tests showing that homework and overall course grades are correlated in a definite positive fashion. (Received September 27, 2006)