

1035-M1-724      **Karen Clark\*** (kclark@tcnj.edu), Department of Mathematics and Statistics, PO Box 7718, Ewing, NJ 08628, and **Thomas Hagedorn**. *Using WeBWorK in linear algebra labs.*

We use WeBWorK, which is a web-based homework system developed at the University of Rochester, to deliver labs to students in our linear algebra class. Student are given individual assignments, and are given immediate feedback as to the correctness of their answers. New features of WeBWorK have allowed us to restructure the labs so that students must do the labs in parts, with the student not able to move onto the next part until the previous part is correct. In this talk we will give examples of WeBWorK labs and data on student improvement in our linear algebra course since we have incorporated the labs. (Received September 14, 2007)