

1086-C1-1590 **Lisa Townsley*** (townsley@math.uga.edu), University of Georgia Dept of Mathematics, Athens, GA 30602. *Using WebAssign for Homework and Testing in Precalculus: Assessment of Student Performance.*

One way to see how well students use their online homework as a learning tool is to test in the same online environment. At UGA, some 2200 students each year take precalculus, and all homework and tests are conducted online via WebAssign. The WebAssign platform provides some innovative methods to determine how long students are working on particular problems, and what previous attempts they have made. The department recently made pre-and-post-test measures of student preparedness for calculus, and are pleased with the results. An added bonus to using uniform assessment throughout the 40-seat precalculus sections is the ability to provide oversight to graduate students in their first teaching experience, and also assess their effectiveness. (Received September 23, 2012)