

1056-M1-1066 **Lisa Townsley*** (townsley@math.uga.edu), University of Georgia Dept of Mathematics, Boyd GSRC, Athens, GA 30602, and **Edward Azoff** (azoff@math.uga.edu), University of Georgia Dept of Mathematics, Boyd GSRC, Athens, GA 30602. *Using WebAssign for Uniform Assessment in Precalculus, 1300 Students at a Time.*

The University of Georgia Department of Mathematics has used uniform assessment across > 30 sections of precalculus each term for more than 20 years. Homegrown tutorials and software has evolved into the use of WebAssign for homework, quizzing and testing.

With more than 2000 students in Precalculus each calendar year, and various instructors including graduate students teaching the sections, it became necessary to use some uniform assessment procedures to insure that the student earning 'B' (or 'C' etc) in one section had the same skills as similarly graded students in other sections. Now teachers adhere to a strict calendar, providing lectures and in-class feedback to students, while the homework, quizzes, and tests are administered online through WebAssign. The authors will present an overview of the methods of assessment and some idea of the material available for the user interested in using online work for more than homework. We also have some data on tracking success of our students via their placement test scores, precalculus grades and subsequent course grades to measure the effectiveness of our precalculus course. Finally, we have ideas and practices for identifying students at risk and helping them find avenues to better understanding of the mathematics. (Received September 21, 2009)