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**Christopher C Leary\*** (leary@geneseo.edu), Department of Mathematics, SUNY Geneseo, 1 College Circle, Geneseo, NY 14454, and **Aaron Heap**. *Effect of WeBWorK on Student Performance in Calculus II*. Preliminary report.

In an attempt to investigate the effect of using a web-based homework system on student learning, two parallel sections of Calculus II were offered during the fall semester of 2008. One section had all of its homework assigned out of the textbook, while the other section was assigned the majority of its homework problems via WeBWorK. We report on our study design and give a preliminary report of our results. (Received September 16, 2008)