

1125-G1-2619 **James Carter*** (jmcarter@butler.edu). *Autonomous Learning in College Algebra*. Preliminary report.

By providing students with a large list of problems on which they are allowed multiple attempts, assigning them to groups rotating weekly, and using a binary grading system this method of presenting the material in a College Algebra course will enhance several aspects of student learning. Since students are allowed to submit problems in any order, they are able to focus on those with which they already have experience boosting their confidence early in the term while allowing multiple attempts on each problem alleviates some pressure for immediate understanding, however, the binary grading system moves the focus to ultimately understanding the material. This talk will summarize the results of applying this presentation method to a college algebra course during the fall term of the 2016 school year. (Received September 20, 2016)