

1163-D5-1392 **Matthew Prudente***, 400 Saint Bernardine St., Reading, PA 19607. *We're Talking About Practice: A Mastery-Based Grading Approach to Precalculus*. Preliminary report.

Mastery-Based Grading (MBG) is a learning modality that structures course material to emphasize time, flexibility, and student responsibility. It is a way for students to take ownership of their learning. Traditional number or letter grades are often replaced with "badge" grades representing mastery of a topic, progression towards mastery, or improvement needed. Final grades are calculated from a cumulative total of these badge grades. For a Precalculus class, certain adaptations were made to motivate students to be responsible for their learning and demonstrate preparedness before entering Calculus I. (Received September 15, 2020)