

1116-A5-276 **J. B. Collins*** (jcollins@wtamu.edu). *Mastery-Based Testing in Calculus*. Preliminary report. Mastery-based testing is an assessment technique that can be briefly summarized: no partial credit is given on problems, but students are allowed multiple attempts to demonstrate mastery on each problem. This type of assessment has benefits both for the teacher and the students. In this talk, the implementation of this assessment method will be discussed for Calculus 1 and 2, as well as variations on the method which can be included. Results from student surveys will be given, and the benefits and challenges for both the teacher and student will be discussed. (Received August 20, 2015)