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*When has a Student Mastered Calculus? Mastery-Based Grading with a Final Exam in Calculus I.*

This Mastery-Based Grading system designed for Calculus I combines Mastery-Based Testing with short, frequent quizzes and assignments that may be redone. Each assignment, quiz, and exam question is graded using the options Mastery/Progressing/Needs Improvement, while final grades are determined by cumulative totals of Mastered exam questions, online homework completion, written homework Mastery, quiz mastery, and a sufficiently high final exam score.

The purpose for such a system is for students to understand the high standards being asked of them, give objective feedback, and require students to demonstrate proficiency in calculus at the end of the semester.

Drs. John Foster and Tom Clark significantly influenced this presenter's approach to Mastery-Based Grading. (Received September 21, 2018)