

1145-VJ-2604      **Jacquelyn L Rische\*** ([jrische@marymount.edu](mailto:jrische@marymount.edu)). *Standards-based grading in Calculus with Precalculus*. Preliminary report.

In this talk, I will discuss the implementation of a standards-based grading system into Calculus with Precalculus (a two semester course that is equivalent to Calculus I). In the system, I determine the “skills” that I want my students to master by the end of the semester. The mastery of these skills is 60% of a student’s grade (with the rest of a student’s grade determined by homework and a final exam). Each skill appears on three quizzes in a row, and to master a skill a student needs to solve its quiz questions correctly two times. Once a skill stops appearing on the quizzes, students can still master it by coming to my office for a “retake.” Given my students’ diverse backgrounds, the system works well for them. They appreciate being able to come in and get help on the skills they are struggling with and then retake those skills. In this way, they are able to keep going back to the topics that they did not understand. (Received September 25, 2018)