

1125-C1-2363 **Jean Marie Linhart*** (jeanmarie.linhart@cwu.edu). *Success with Standards-Based Grading in Discrete Mathematics.*

Examinations told me that students often were unable to solve combinatorics problems and solve recurrence relations in my discrete mathematics course. Many students were earning just enough partial credit to pass, often without really understanding these subject areas that are central reasons that they are required to take the course. To move students towards mastery learning and full proficiency, I implemented standards-based grading. Grades are based on the number learning objectives students master, and in return there are multiple opportunities to demonstrate mastery and to learn from mistakes. (Received September 20, 2016)