

1125-O1-2508 **Deb Carney*** (dcarney@mines.edu), 1500 Illinois Ave., Colorado School of MinesAp, Applied Mathematics and Statistics, Golden, CO 80401, and **Rebecca I Swanson** (swanson@mines.edu), 1500 Illinois Ave, Colorado School of Mines, Applied Mathematics and Statistics, Golden, CO 80401. *Engineered Learning in Calculus at Colorado School of Mines*. Preliminary report.

In this talk we will discuss our flipped classroom model for a calculus II class and its focus on student communication. We will share preliminary evidence related to the following question. “Does improving students writing help improve student’s success in the course?” We will measure success by student attainment of higher level (Bloom’s) outcomes and student portrayal of better conceptual understanding. We will share preliminary results related to a pre/post communication assessment and analysis of student final exam work from current and prior semesters. Work will be judged using a communication rubric designed by the authors. (Received September 20, 2016)