

1116-G5-2292      **Chris Oehrlein\*** (cdoehrlein@gmail.com). *Concept Reflection Exercises in Online and Blended Applied Calculus.*

In an Applied Calculus course that emphasizes data analysis, modeling and written interpretation, students need more immediate feedback when working homework. While computerized homework systems can be designed to address this issue, they cannot engage in a conversation with an individual student about misconceptions, improving communication or proper vocabulary. Blended and online course settings magnify the need. Prompts for short written responses and about conceptual or traditionally-tricky computational issues and rewriting opportunities after evaluation give the students and their instructor the opportunity to engage at each student's level of comprehension and communication ability. (Received September 22, 2015)