

1125-H5-1692      **Ross Sweet\*** ([rsweet@math.northwestern.edu](mailto:rsweet@math.northwestern.edu)), 2033 Sheridan Road, Evanston, IL 60208.  
*Analyzing Student Usage of Online Video Lectures in a Flipped Calculus Course.* Preliminary report.

When teaching a course using a “flipped” or “inverted” model, it is a delicate balancing act between students’ outside preparation and the difficulty and comprehensiveness of in-class assignments. Following a first-quarter calculus course at Northwestern University, we will focus on Panopto, a web-based video hosting platform. Panopto was used to host video lectures to improve students’ self-guided learning outside of class. We will discuss the analytic tools Panopto provides as a resource to measure student engagement and the effectiveness of video lectures. (Received September 18, 2016)