

1154-97-2109 **Zeynep Akcay*** (zakcay@qcc.cuny.edu), 222-05 56th Ave, Bayside, NY 11364, and **Dona Boccio** (dboccio@qcc.cuny.edu), 222-05 56th Ave, Bayside, 11364. *Use of VoiceThread Audio-Visual Commenting in Partially Online Algebra Classes at a Community College*. Preliminary report.

We study the use of VoiceThread audio-visual commenting technology in partially online algebra classes at Queensborough Community College, CUNY. Algebra is considered to be an obstacle to graduation, as it is a course with high enrollment and low success rates. We utilize VoiceThread, a cloud-based, multi-media collaborative space that incorporates voice and video commenting with image and text. This technology is compared to traditional collaborative tools such as discussion boards. It is expected that the enhanced methods of communication will lead to increased student participation, retention, and test scores. A broader goal of this study is to improve the quality of mathematics classes in all modalities as these tools can be used in traditional face-to-face classes as well. We aim to contribute to the enhancement of mathematics learning with the methods and materials that we develop in this project. Preliminary findings from the pilot study will be shared, including sample VoiceThread and Discussion Board assignments with students' responses and results of student satisfaction surveys. (Received September 17, 2019)