

1145-L1-2843      **Michael D. Miner\*** ([michael.miner0@mycampus.apus.edu](mailto:michael.miner0@mycampus.apus.edu)), 65 Edenbrook Dr., Hampton, VA 23666. *Open Educational Resources Adaptation for Mathematics Instructions in Online Mathematics Courses*. Preliminary report.

As a result of a study examining “the impact of open textbook adaption on the learning outcomes of post-secondary students”, American Public University System, a prominent online university, tasked faculty to convert courses to adapt Open Educational Resources (OER) where applicable. In the initial phase of this initiative, several mathematics courses were targeted for conversion to OER. MATH200, Analytic Geometry, was one of those courses. This presentation will discuss the road-map to successful conversion and implementation of MATH200 to a textbook free course employing OER. (Received September 25, 2018)