

1145-L1-1751 **Marianna Bonanome*** (mbonanome@citytech.cuny.edu), 131 Fairfax Road, Massapequa, NY 11758. *Creating and using Open Educational Resources and STEM Applications for Algebra and Trigonometry Courses.*

Opening Gateways to Completion is a 5 year Title V collaborative grant between the New York City College of Technology and the Borough of Manhattan Community College, CUNY. As part of the grant's activities, cohorts of full-time and part-time faculty grant participants from both campuses take part in an intensive professional development seminar, where they are exposed to active learning strategies, open digital pedagogies, multiplayer and flipped classroom techniques, games in the classroom, WeBWorK, Desmos and much more. Join us as we present some of the exciting OERs, activities and STEM applications developed and utilized by our grant participants for their Algebra and Trigonometry classes. (Received September 24, 2018)