Yevgeniy Milman* (ymilman@bmcc.cuny.edu). Quick Adaptation and Effective Use of OER Homework Platform in Algebra, Precalculus and Quantitative Reasoning Courses.

The use of online homework platforms had become a common place in developmental and gateway mathematics courses. There are various commercial products available that are usually attached to a specific textbook. However, many instructors have developed their own problem sets and/or have written manual for their students. As an alternative to commercial products, there are few OER online platforms available. There is a misconception that adapting OER platform is time consuming task and requires programming knowledge to write your own question. The presenter will demonstrate the ease of adaptation of MyOpenMath platform in elementary and intermediate algebra, quantitative reasoning as well as precalculus courses. This presentation will give an overview of creating your own questions, integrating them with the extensive database of the available questions and aligning. The overview of gradebook and analytics features of this platform will also be discussed. (Received September 25, 2018)