Virgil U Pierce\* (virgil.pierce@utrgv.edu), 1201 University Dr., Edinburg, TX 78542.

WebWork for High School College Preparatory Mathematics Courses in Texas.

We are engaged in a collaboration of the community colleges, a technical college, and our university serving four counties of South Texas. In response to 2014 legislation in the State of Texas we joined with a local non-profit agency and the public school districts to develop and deliver College Prep Courses in English language arts and mathematics. The goal is for students to place into, and ultimately be successful in, college level writing intensive and mathematics intensive courses (for us this is mostly College Algebra and Statistics courses). While this is a state level mandate without funding our implementation has been unique in a very important way: our course, using WebWork, can be implemented by a school district for no additional cost beyond that for the teacher and the classroom.

We are hosting the mathematics courses on the online homework server WebWork being managed at UTRGV, and now are offering the use of our server for all high school level mathematics courses in our local region. This presentation will focus on our development process and the product we have put together. We will try to address how this effort could be replicated in other regions. (Received September 01, 2016)