

1077-VC-2654 **Javier Garza*** (garza@tarleton.edu), Box T-470, Department of Mathematics, Tarleton State University, Stephenville, TX 76402. *Moving Toward a More Effective Learning Environment in First Semester Calculus*. Preliminary report.

The presenter will share some of his experiences in utilizing clickers and structured learning activities to create a more engaging learning environment in the classroom; WebAssign and Mathematica to enhance student independence in learning outside of the classroom; and educational research and assessment techniques to enhance instructional effectiveness on the whole. Some formative and summative results will be shared. (Received September 22, 2011)