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**Vinod K Arya\*** (vinod.arya@untDallas.edu), 7400 University Hills Blvd, Department of Mathematics, Dallas, TX 75077. *Developing and Implementing a Flipping-the-Class Modularized Model to Enhance Student Success Rates in Gatekeeper Mathematics Courses*. Preliminary report.

This paper presents a description of a self-paced, modularized flipping-the-class (Emporium based) model of instruction that has been developed by the author for enhancing the student retention and success rate at the University of North Texas at Dallas (UNTD). The model has been modified to specifically suit the needs of students who struggle in Gatekeeper Mathematics courses with the goal to enhance their success and retention rates. Consequently, the present model adopts a structure that includes a modularized form, in which the entire course content is divided into an appropriate number of modules. As a pilot program, this modularized flipping-the-class model was developed and adopted for a Gatekeeper - College Algebra course. The benefits of employing the model, in terms of enhanced student success rates and performances, have been assessed and the relevant but limited data to show the success of the model in achieving its objectives is presented. (Received July 07, 2017)