

1035-Z1-1375      **Edward L Mason** and **Natali Hritonenko\*** (nahritonenko@pvamu.edu), Natali Hritonenko, P.O. Box 519, MS 2225, Prairie View, TX 77446, and **Jason Rouse**. *Creative Homework in Effective Teaching*. Preliminary report.

Students cannot learn only from direct lectures. Homework is one of the most important parts of a successful and effective learning process. It assists in crossing the bridge to higher mathematics as well as helps to succeed in other subjects that require deep mathematical background. In addition to regular assignments creative homework tasks can be offered to a group of students. The tasks have different goals and outcomes and can be done in groups or individually. Types and benefits of such challenging homework assignments will be discussed. Samples of students' completed assignments, responses, and assessment will be presented. (Received September 19, 2007)