

1116-H1-1566 **Karen E Clark*** (kclark@tcnj.edu), Department of Mathematics and Statistics, The College of New Jersey, PO Box 7718, Ewing, NJ 08628. *A computer graphics module to reinforce basic linear algebra concepts and engage non-majors.*

I will discuss a module on computer graphics that students in a first linear algebra course work through for two 50-minute computer lab sessions. This module serves to reinforce the elementary concepts of linear transformation and matrix multiplication, while exposing students to a basic application of linear algebra. In this lab students are introduced to homogeneous coordinates, which is beneficial for the computer science majors in the course. In addition, this lab serves to familiarize students with simple programming in Matlab. (Received September 20, 2015)