

1116-H1-2012 **Patrick R Gardner*** (pgardner@columbiabasin.edu), Department of Mathematics, Columbia Basin College, 2600 North 20th Avenue, Pasco, WA 99301. *Technology in Introductory Linear Algebra: Projects and Pedagogy.*

We use technology in Introductory Linear Algebra to illustrate concepts, facilitate learning, and, hopefully, inspire our students. In this session, I will describe experiences and insights gleaned from assigning Linear Algebra projects (content from Anton/Rorres, chapter 10; technology using Matlab/Octave and Mathematica), from programming online test questions (using WAMAP, a web-based mathematics assessment system provided free to Washington State public educational institutions), and from plans for incorporating an electronics learning lab into the course. I will also compare my current course expectations with those from some fifteen years ago to shed a bit of light on the purpose(s) of the course. (Received September 21, 2015)