

1077-F1-2712 **Tom Edgar*** (edgartj@plu.edu), Department of Mathematics, Pacific Lutheran University,
Tacoma, WA 98447. *Web 2.0 for Linear Algebra Classes.*

We discuss utilizing a few techniques involved in the Web 2.0 movement for teaching Linear Algebra at liberal arts colleges. We focus on the use of a course wiki as a place to involve students in the understanding of important definitions and provide avenues of communication for our students. Additionally, we present the idea of using online video tutorials about computer algebra software to enhance the course experience. By using relatively new screen-capturing software, we can teach students how to use software packages (in particular Sage) to do routine computations required throughout the course. We describe our experience with these techniques and mention the benefits of using tools like these, including increased student involvement and increased use of relevant technology without wasting precious in-class time. (Received September 22, 2011)