I will describe the use of Wolphram’s Alpha software in a linear algebra course for Computer Science majors at Park University. Park University caters to non-traditional students. Most of the students taking this course are already employed in the Computer science field and are always looking for innovative ways to do computations. Alpha provides a very reasonable alternative. This course takes place at a satellite campus in Austin, Texas. Advantages, disadvantages and examples will be emphasized. (Received September 15, 2010)