

1046-C1-1641      **Rich West\*** ([rwest@fmarion.edu](mailto:rwest@fmarion.edu)), Department Of Mathematics, Francis Marion University, PO Box 100547, Florence, SC 29501. *Three Interesting Projects for College Algebra.*

In designing a new two-course college algebra sequence for our non-science majors, we have found that projects generate the most interest, effort and learning by the students. In this talk after a quick outline of the courses and the assessment plan, I will address three projects that we have used successfully in our courses. Linear programming, linear systems, and conic sections are topics that are sometimes considered optional in a college algebra sequence. Utilizing projects we make these topics important vehicles to learning. I will cover three projects in enough detail that they could easily be integrated into an existing course or added as extra homework assignments. I will also address options for the use of these projects in and outside the classroom. (Received September 16, 2008)