

1106-A1-2244      **Marian F Anton\*** ([anton@ccsu.edu](mailto:anton@ccsu.edu)). *Compass and Ruler Constructions Revisited*. Preliminary report.

We demonstrate how compass and ruler constructions were used as an inquiry based activity in the first week of a geometry course in order to introduce the concepts of algorithmic complexity and axiomatic method in mathematical sciences. We will discuss student reaction and the topics developed from this activity. Also we will show snippets of student reports written by using LaTeX and GeoGebra. (Received September 16, 2014)