

1023-I1-900

Teresa D Magnus* (tmagnus@rivier.edu), Department of Math and Computer Science, Rivier College, 420 S. Main St., Nashua, NH 03060. *Teaching Writing in a General Education Geometry Course*. Preliminary report.

Designing a course that met the needs of the Writing Across the Curriculum Program while remaining true to the discipline of mathematics was an interesting challenge. This talk will focus on how students in a general education mathematics class explore geometric concepts by observing patterns, making conjectures, and applying knowledge. Most assignments take the form of summary papers in which the students summarize their discoveries and explain why they hold. Students begin to write papers that are technical and precise and learn how to incorporate sketches and computations into a paper. At the same time, they learn and review geometrical and algebraic concepts and conquer their fears and misconceptions about the subject. (Received September 22, 2006)