

1046-97-1598 **Gerard A Venema*** (venema@calvin.edu), Department of Mathematics, 1740 Knollcrest Circle SE, Calvin College, Grand Rapids, MI 49546. *A course in axiomatic geometry.*

In this talk I will make the case for a course in axiomatic geometry aimed at undergraduate mathematics majors. I believe that most of the traditional reasons for teaching such a course are still valid and that there are some new ones besides. Other issues to be addressed include the choice of axioms, the role of technology in a course in axiomatic geometry, and how to meet the specific needs of future high school teachers. (Received September 16, 2008)