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Revisiting College Geometry: Making it Relevant for Math, Math Education and Elementary Education Majors.

Most universities offer a course in geometry that includes discussions of incidence, neutral, Euclidean and hyperbolic geometries via an axiomatic approach. In this talk, we discuss challenges of making this course relevant to students that major in areas such as mathematics, secondary education, and elementary education. We also offer some strategies that make the learning environment stimulating to all majors. (Received September 20, 2010)