

1056-Z1-182

**Sarah J Greenwald\*** ([greenwaldsj@appstate.edu](mailto:greenwaldsj@appstate.edu)), 121 Bodenheimer Drive, 326 Walker Hall, MATH, ASU, Boone, NC 28608, and **Eric Marland**, 121 Bodenheimer Drive, 324 Walker Hall, MATH, ASU, Boone, NC 28608. *Teaching a Senior Seminar in Humanistic Mathematics.*

Appalachian State University recently instituted a senior capstone requirement. The Appalachian capstone may take the form of a thesis, a class, an internship, student teaching, or other experiences. We class tested a one-hour course that was organized around a series of intertwined themes designed to investigate the interface of mathematics with society, science, and everyday life. In this talk we will report on the course setup, the reactions of the students, and the benefits and challenges of teaching a seminar in humanistic mathematics. (Received August 12, 2009)