

1096-D1-701 **Frederick M Butler*** (fbutler@ycp.edu), Department of Physical Sciences, York College of Pennsylvania, 446 Country Club Rd., York, PA 17403. *Using Portfolios in an Introduction to Proofs Course*. Preliminary report.

In the Introduction to Proofs course at York College, students are assigned to write approximately 5-7 proofs per week on a variety of topics. Of these, 1-2 are collected and graded by the instructor, and 2-3 are presented by students and discussed by the class. Students are also occasionally paired up to critique each other's proofs. In this way, students receive feedback on the majority of the proofs they have written. At the end of the semester, the instructor selects 10 proofs for which students have received some form of feedback, to be rewritten in a final proof portfolio. Students must include in the portfolio for each proof a first draft, a revised draft, and an analysis of the changes made between drafts. This talk details the evolution that led to this approach in the course, including things that worked well and things that didn't. (Received September 09, 2013)