

1067-K1-1402 **Ethan Berkove*** (berkovee@lafayette.edu), Department of Mathematics, Lafayette College,
Easton, PA 18042. *A Service Project in a Capstone Modeling Course.*

This talk describes a successful service-learning project incorporated into a senior level capstone course in mathematical modeling at Lafayette College. In the last month of the course, students investigated ways to increase the self-sufficiency of a local not-for-profit organization offering loans to area companies. Students presented their findings to representatives of the organization as part of their final report. This talk will focus on how this project was developed, how it was incorporated into the course, student reactions, and lessons learned. (Received September 20, 2010)