

1067-R1-1542 **Elizabeth Thoren*** (ethoren@math.ucsb.edu), Department of Mathematics, South Hall Rm 6607, University of California, Santa Barbara, CA 93106. *A Week in the Life of an Inquiry-Based ODEs Course*. Preliminary report.

This fall I had the pleasure of teaching UC Santa Barbara's Inquiry Based ODEs course. The entire course is project driven - each week students work through an investigation, write up a project report and present their results. For this talk I will share the Fall quarter's most interesting modeling project, including the students' reactions and results. (Received September 21, 2010)