

962-L1-437

John H Wilson* (wilson@centre.edu), Math Department, Centre College, 600 W. Walnut Street, Danville, KY 40422. *The Mystery of the Francois Vase: A Calculus Project.*

This talk will describe a group project assigned in the first term of Calculus. The students were asked to approximate the volume of an Etruscan vase more than 2500 years old. The only information known is a picture of the vase and the actual height. The talk will include information on the students' reactions to the project in addition to how the project was developed, implemented and evaluated in the course. (Received September 14, 2000)