

962-F1-641 **Maura A Murray*** (mmurray@saalem.mass.edu), Mathematics Department, Salem State College, Salem, MA 01970. *Course Portfolios for Assessing Learning in an Investigations Based Class.*

I will talk about my geometry and statistics class for elementary and middle school teachers at Salem State College in Salem, M.A. The majority of my students are early childhood or elementary education majors. The main focus of the talk will be to discuss course portfolios as a way of assessing the many explorations done during class. Topics include discovering the need for mathematical definitions, exploring measurement, developing spatial sense and introductory statistical concepts. Group work with Geoboards, constructions and the computer will be discussed. I will briefly discuss how the Massachusetts Certification exams have influenced my decision to use course portfolios. (Received September 18, 2000)