

1035-97-73

Jim Gleason* (jgleason@as.ua.edu), Department of Mathematics, Box 870350, The University of Alabama, Tuscaloosa, AL 35487-0350. *Evaluating Mathematics Courses for Elementary Teachers: Mathematical Knowledge and Dispositions for Teaching.*

Many colleges and universities are going through a process of evaluating their mathematics content courses for pre-service teachers due to external influences such as the No Child Left Behind legislation, the publication of *The Mathematical Education of Teachers* by the CBMS, funding of M.S.P.'s by federal and state agencies, and increased pressure of external accreditation agencies. This session will focus on a quantitative evaluation of the students' mathematical knowledge for teaching and mathematical dispositions for teaching of one large southern university's three-course sequence designed specifically for elementary teachers and based upon recommendations of *The Mathematical Education of Teachers*. We will report on both the findings of the evaluation and the applicability of some of the common assessment tools for such a project. (Received July 12, 2007)