

Meeting: 1003, Atlanta, Georgia, MAA CP G1, MAA Session on Drawing on Our Students' Thinking to Improve the Mathematical Education of Teachers

1003-G1-986 **Christine R. Leverenz*** (cleveren@georgetowncollege.edu), 400 E. College St., Georgetown, KY 40324. *Adjusting Course Content and Methodology for Pre-service Elementary Teachers.*

A two-semester math content class for pre-service elementary teachers uses contents and methods designed to be obviously and concretely helpful for teachers in their methods course and in their teaching lives. The content and methodology is based on student work and students do most of the talking and thinking. These courses are used by the education department as examples of creating a positive learning environment. Student understandings of math have improved as a result of this approach. (Received October 01, 2004)