

Meeting: 1003, Atlanta, Georgia, MAA CP A1, MAA Session on Getting Students To Discuss and To Write About Mathematics, I

1003-A1-664 **Vicky Williams*** (willimsv1@appstate.edu), Department of Mathematical Sciences, ASU Box 32092, Appalachian State University, Boone, NC 28608. *End of Course Projects in Calculus II*. Preliminary report.

While many calculus students have a good grasp of the topics presented to them in class, the students often have not had the opportunity to appreciate how these topics fit together. This presentation reviews a selection of end of course projects that require students, working in pairs, to investigate some of the reoccurring themes in calculus. The presentation includes both teacher-made assignments and sample student responses. The student responses are used in a discussion of how the projects have succeeded in providing the students with a deeper understanding of calculus topics and of how the projects can be improved. The talk ends with a brief summary of student opinions concerning the effectiveness of the projects. (Received September 27, 2004)