

1067-G1-1107 **Minah Oh*** (ohmx@jmu.edu), Department of Mathematics and Statistics, James Madison University, 305 Roop Hall, MSC 1911, Harrisonburg, VA 22807. *Introducing Proofs to Calculus Students.*

In this talk, I will talk about how to introduce proofs to Calculus 1 students. To teach Calculus students how to write rigorous mathematical proofs may be painful and sometimes unnecessary. It is surprising, however, how these students can get used to writing proofs when they do so regularly as a group. Throughout the semester, the students worked in groups once a week to prove important results in Calculus following a worksheet which provided instructions on how to prove the result. I will report the progress the students made throughout the semester while the worksheet gradually provided less instructions each week. The worksheets and the students' proofs will be presented. (Received September 18, 2010)