

1023-I1-201 **Brian J Birgen*** (brian.birgen@wartburg.edu), 100 Wartburg Blvd, Waverly, IA 50677. *Using Group Homework in Calculus to Develop Written and Verbal Communication Skills.*

At Wartburg College group projects have been a fundamental component of the Calculus curriculum for many years. This presentation will focus on two important aspects of delivery of group homework. First, in order to encourage students to improve the quality of their writing, you must grade the quality of their writing (i.e. assessment drives learning). Second, if you want students to discuss mathematics, you must give assignments which are too complicated for the smartest students to complete individually. I will justify these claims, give examples, and discuss the practical issues of implementation. (Received August 23, 2006)