

1014-G1-609 **Stuart Boersma*** (boersmas@cwu.edu), Department of Mathematics, Central Washington University, Ellensburg, WA 98926-7424. *Assessing Success in a Modeling Course.*

A correct and complete "solution" to a modeling problem is comprised of many components; only one of which may be correct use of mathematics. In many cases, the ability to communicate in writing takes precedence over the ability to perform algebra. Thus, as one attempts to infuse courses with more mathematical modeling, one must be able to carefully articulate to both peers and students the new expectations. In my recent modeling courses I have developed a "Modeling Grade Sheet" which facilitates both the grading and the articulation of expectations to my students. This grade sheet makes it possible to assess a large number of student papers in a fair and consistent manner. Copies of the grade sheet will be available for distribution. (Received September 21, 2005)