

Meeting: 1003, Atlanta, Georgia, MAA CP O1, MAA Session on Teaching and Assessing Problem Solving

1003-O1-1008 **Alex J. Heidenberg*** (alex.heidenberg@usma.edu) and **Michael Huber**
(michael.huber@usma.edu). *Teaching and Assessing Problem Solving in the Technology Age: A sharing of successes and failures.* Preliminary report.

We have been teaching/developing curricula with modeling and problem-solving at the US Military Academy for the past three years, focused on the freshman calculus and the discrete mathematics levels. The last two and a half years have included teaching with technology (notebook computers in the classroom). This talk is a discussion of the successes and failures that have transpired in our efforts to teach our students to leverage technology in the problem solving process. More importantly, we will discuss successes and failures in attempting to assess their learning in this technology environment. It is anticipated that this talk will result in an open discussion of those with similar experiences. (Received October 01, 2004)