1035-S1-1600

Gerald Kobylski* (gerald.kobylski@usma.edu), Department of Mathematical Sciences, 646 Swift Rd., United States Military Academy, West Point, NY 10928, and Heather Jackson (Heather.Jackson@usma.edu), Department of Mathematical Sciences, 646 Swift Rd., United States Military Academy, West Point, NY 10928. A Faculty Development Program Designed to Motivate Faculty to Reflect on How They Teach. Preliminary report.

In the Department of Mathematics at the United States Military Academy, we are fortunate to have each of our new instructors (participate) in a six week faculty development program. In this presentation we will very briefly summarize the goals of this six week program. One of the goals of this faculty development program is to familiarize and educate our faculty on ways of inspiring our students to achieve the goals of our Core Mathematics program. Two of the most challenging goals are to develop better problems solvers and to develop habits of mind; these goals are common in many mathematics departments' programs. This presentation will focus on how we seek to educate our faculty on inspiring our students to achieve these two goals and the resources used for these discussions. We will provide feedback from both new instructors having taught for a semester and senior faculty on the effectiveness of the faculty development discussions. Finally, we realize that most departments are not fortunate enough to have six weeks for faculty development like we do. We will propose a possible one week course and a one day course, both capturing the main ideas of our six week program. (Received September 20, 2007)