

1086-VD-2555 **David M Gohlich** (david.gohlich@usma.edu), Thayer Hall Room 240, Building 601, West Point, NY 10996, **Christopher E Weld** (christopher.weld@usma.edu), Thayer Hall Room 240, Building 601, West Point, NY 10996, and **Gerald Kobylski*** (gerald.kobylski@usma.edu), Thayer Hall Room 240, Building 601, West Point, NY 10996. *Implementing an Institutional Interdisciplinary Program with Mathematicians at the Lead (a Follow-Up Report)*.

Many of tomorrow's problems will need to be solved using multiple academic disciplines. The solvers of these complex problems will need to utilize a variety of intellectual skills to understand, transform, and then determine solutions. To develop versatile problem solvers ready to confront the challenges of an increasingly complex world, West Point is implementing a more interdisciplinary approach to educating future Army leaders. Collaborating with other academic departments at West Point, faculty in our Mathematics Department have built and are currently implementing an energy theme into our mathematics curriculum, a curriculum that is a lead for approximately 15 of our general education courses. Our program challenges students to use not only what they learned in a single class, but what they learned across a variety of classes to solve increasing complex problems. Our discussion will be a follow-up to last year's report which focused on the planning of our interdisciplinary program. This discussion will now focus on the execution of the interdisciplinary program. (Received September 25, 2012)