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Robert E Burks* (reburks@nps.edu), 336 Fitch Ave, Monterey, CA 93940, and **Eric W. Drake** and **Elizabeth Schott**. *"Rock Math" a Successful Implementation of a Curriculum Designed to Help Under-prepared Students make the Transition to College Mathematics.*

All students entering the United States Military Academy, regardless of major, are required to take a two year four semester mathematics sequence which includes single, multi-variable Calculus, and Probability and Statistics. Every year approximately 5 percent of the freshmen class enters under-prepared for success in the school's math sequence. These students are enrolled in a yearlong developmental mathematics course affectionately referred to by the students as "Rock Math". This course is designed to alleviate student math-anxiety, the fear of math, and develop organizational and learning skills, while nurturing student creativity, critical thinking, and application of technological tools in a problem solving environment. This presentation focuses on the structure of the course, classroom practices and techniques to prepare our students for success in future math and engineering classes, and an assessment of our outcomes. (Received August 26, 2009)