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Rachelle C. DeCoste* (ar4669@usma.edu). *A team-teaching (Math and CS) approach to a Discrete Mathematics course.*

Discrete mathematics (DM) classes are taught in a variety of ways to a variety of student audiences. At USMA we teach the DM class in the Department of Mathematical Sciences to students who are computer science (CS) majors. As such, students tend to think of the course as something less relevant than their CS courses, despite the fact that it is required as a major course and that DM provides the mathematical basis for many areas of CS. This semester we are taking a different approach to the course by having a Math professor and a CS professor team-teach the course. This approach offers the students the best of two worlds: a solid mathematical foundation and a confirmation of the usefulness of this mathematics in CS from one of their own. While true assessment of this approach would probably come further into the students' CS education, we will discuss our experiences and present evidence of the successes and short-comings of this approach through student work, student comments, and end of the semester course feedback evaluations. (Received September 14, 2006)