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The College Algebra Program sponsored by Morehead State University enhances the teaching of algebra at eight high schools while improving college readiness in mathematics. Nine teachers and 140 students from East Carter, Elliott, Fleming, Lewis, Menifee, Morgan, Rowan, and West Carter high schools are involved in the program. Teachers and students participate in an instructional and support program that incorporates content instruction, technology, instructional strategies, and instructional partnerships. Taking a team teaching approach, seven MSU instructors teach three times a week at the high schools and serve as consultants throughout the academic year. The program was kicked off with a summer workshop in which MSU instructors and teachers planned the academic year, engaged in pedagogical discussions and built the rapport and confidence to make the program work. By successfully completing this course, participating students will be ready for a college mathematics course. (Received September 15, 2008)