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Brooke Evans* (bevans21@mscd.edu), Dept. of Mathematical and Computer Sciences, Metropolitan State College of Denver, Campus Box 38, P.O. Box 173362, Denver, CO 80217-3362, and **Patricia McKenna**. *An Electronic Classroom Model for Mathematics Content Courses: Influences on K-12 Classroom Teaching*.

Metro's Math for Rural Schools Program was developed to offer rural teachers in Colorado an opportunity to take college-level mathematics content courses online. What makes this model unique is that the delivery of the courses model teaching practices which support development of mathematical proficiency and foster a mathematical community among teacher-learners. This session will summarize the course and speak to the unexpected influences on K-12 classroom teaching. The project utilizes small group teacher interactions which serve as an example of research-proven pedagogical approaches and as a way to foster collaboration and communication within the mathematics education community. The course begins with a face-to-face meeting where all of the teacher groups come together to begin problem-solving to establish classroom norms and become familiar with the technology. Then small groups of teachers meet in-person and are connected online (via voice, electronic whiteboard, instant messaging, and webcam) to the other groups and the instructors who facilitates the learning experiences. We have found this method of delivery to be effective and believe it to be a good model for effective, high-quality electronic classroom learning experiences. (Received September 13, 2008)