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WvEB Math is an initiative targeting "middle level" students: high school seniors who are college bound but who otherwise might well not take any mathematics their senior year. The course is taught in high schools around the state, either during the day or as a supplemental after school program, and is facilitated by high school teachers, who monitor progress, provide supplemental instruction, and supervise on-line testing. It is closely coordinated with the College Algebra and Trigonometry courses taught on campus, using the same course management system (WebCT Vista), laboratory activities, and assignments. Content is presented asynchronously, either via streaming video or CD. The algebra and trigonometry courses are closely linked, using the same textbook. Laboratories for the two courses have a common "look and feel," with many developed using either Geometer's Sketchpad or the Mathematical Java Toolkit under an NSF CCLI grant. (Received September 05, 2006)