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**Chris Oehrlein\*** (coehrlein@occc.edu), Oklahoma City Community College, Division of Science and Mathematics, 7777 South May Ave, Oklahoma City, OK 73159. *Integrating Graphing Calculator Emulator Software into Live Webcasts.*

Online sections of general education mathematics courses that require use of graphing calculators like College Algebra or Introductory Statistics create problems for students. While some students can read manuals or instructional webpages or can watch recorded demonstrations of instructors using the calculator to solve problems, most of the others need to be involved in a more interactive way with the instructor, the instructor's calculator and their own calculators. Software that creates a working graphing calculator on a computer screen can be incorporated into a live webcast in which the instructor's computer screen is shared with all those attending the session. Incorporating a chat room with live audio from the instructor, students can have a synchronous classroom environment in which they can see the instructor work the calculator, just as if they were watching a demonstration in a traditional classroom. Students may ask questions that are immediately answered, and online-classroom discussion of graphs, tables and calculations can occur. Student, faculty and instructional technologist reviews and comments will reveal the successes, challenges, failures and untapped potential of the live calculator-demo webcasts. (Received September 26, 2006)