

1077-O5-2044 **James Baglama*** (jbaglama@math.uri.edu), Department of Mathematics, University of Rhode Island, Kingston, RI 02881. *Teaching a General Education Math Course Online with Discussion boards and a Screencast system.*

In this talk, I will describe how I transformed a face-to-face general education math course into a successful online math course. I will discuss my pedagogical strategies for designing this course. In particular, I will describe the use of discussion boards and the use of a Screencast system, Jing. Discussion boards are used as a collaborative teaching tool, and I believe the discussion boards are the driving force behind the success of my online math course. The Screencast system is used as an online version of going to the board to present a problem. The Screencast system helped the students' learning of the material while giving me insight into each student's problem solving skills. (Received September 21, 2011)