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Richard Kuntz* (kuntz@monmouth.edu), Mathematics Department, Monmouth University, W. Long Branch, NJ 07764. *Using a Web-Based Testing System to Support PSI in Remedial Mathematics.*

This paper discusses some of the issues involved in using a web-based system that supports skills testing and progress tracking in a remedial mathematics course that was offered in the PSI (Personalized System of Instruction) format. The paper will focus on both the technical and pedagogical aspects of the system as it was used during the Fall 2000 term. Topics include: software description and implementation, student selection, outcomes, and student reactions (Received September 23, 2000)