

1077-O5-231

**Kuiyuan Li\*** ([kli@uwf.edu](mailto:kli@uwf.edu)), Department of Mathematics and Statistics, University of West Florida, Pensacola, FL 32514, **Raid Amin** ([ramin@uwf.edu](mailto:ramin@uwf.edu)), Department of Mathematics and Statistics, University of West Florida, Pensacola, FL 32514, and **Josphat Uvah** ([kli@uwf.edu](mailto:kli@uwf.edu)), Department of Mathematics and Statistics, University of West Florida, Pensacola, FL 32514. *On Synchronous Distance Teaching in a Mathematics MS Program*. Preliminary report.

A fully online graduate program that was developed at the University of West Florida, UWF, has been successfully implemented using synchronous instruction since fall 2009. The hybrid nature of the developed model has proven to be of benefit to both face-to-face and distance students. Aside from the robustness of students' discussions and interaction outside the regular class period via an e-learning platform, the fact that the instructor can be a part of the discussion when needed has been an added advantage. Moreover, our assessment results show that the model is flexible and cost effective. A statistical analysis of students' performance indicates that the distance students do as well as their face-to-face counterparts when this delivery model is used. We provide some recommendations for institutions wishing to adapt this hybrid model. (Received August 15, 2011)