Abstract

Distance Learning Pilot: Physics and Mathematics
Part II; A Continuation of A 10:00 Session

NTID/RSD Distance Learning Team

A panel presentation will report on the results of a collaborative
distance-learning pilot between the Rochester School for the Deaf
(RSD) and the National Technical Institute for the Deaf (NTID),
focusing on Physics and Mathematics. Students participating in the
pilot were high school seniors at advanced levels in RSD's curriculum,
with participating teachers representing collaborative teams made up
of RSD and NTID colleagues. Distance learning strategies represented
an interweaving of videoconferencing, web-based support, locally
installed simulation software, and on-site tutoring. Results and
implications of the pilot will be presented and discussed in terms of
pre/post-test results for students, qualitative assessment of participant
experiences, the benefits and challenges of working collaboratively
between two schools, and the costs, benefits, and drawbacks of
applying these particular instructional technologies in support of deaf
learners-from both technological and educational perspectives.