

Abstract

Implementing Video Streamed Instruction for Deaf and Hard-of- Hearing Online Learners

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Videotaped instruction has been an effective delivery tool for deaf online learners for many years, but it may soon be replaced by videostreaming. Videostreamed instruction delivered via the web is finally becoming a viable option today because more students are connected to the Web at higher access speeds at home, work or school. Videostreaming is not readily adapted and widely used for deaf learners in technical, online courses due to many factors, including: the speed at which some learners are connected; size of streamed video files vs. the clarity of the video which is to be streamed; readability of sign language if the video also includes a white board or projection from a computer monitor; cost and complexity of producing, digitizing, compressing and posting streamed video; size of the server where digitized streaming video files will be stored; captioning requirements of streamed video; and the necessity to interface with other software such as Flash for readable instructional modules. NTID has successfully implemented videostreamed modules in some of its online Visual Basic (VB) programming courses designed for remote deaf learners. This presentation will be followed by interactive discussions with the audience regarding this instructional delivery.