

Abstract

Digital Video Conferencing for Remote Tutoring/Teaching of Deaf Students

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Faculty within the Center for Technical Studies at NTID have been using varied technologies for delivering and interacting with both on-campus and Distance (On-Line) Learning classes for the past six years. Some of the technologies used include electronic conferencing, VHS tape and web-streamed video, web based instruction with text and graphics, digital video conferencing, sample source code and executable programming examples. For the past two years we have collected data from deaf and hearing students who participated in C++ and Visual Basic programming classes both on-campus and via distance learning in order to better understand the relative effectiveness of these technologies from the perspective of the student. Responses to A student-centered questionnaire provided a rating of the overall importance of each course component for their overall learning. In this session we will present the Interactive technologies used to deliver the instructional material and the results of student ratings regarding their relative effectiveness for delivery of instruction for our students. These findings will be presented, followed by an interactive discussion with the audience regarding which delivery systems are best for which content areas and learners.