Using Video Conferencing to Facilitate Cross Campus Teaching

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Overview
Instructors in the Biomedical Engineering departments at Duke and UNC have been using instructional technologies including video conferencing, Blackboard, and remote computer control to jointly teach an engineering design class. The technology has helped the faculty by enabling faculty to share teaching resources, collaborate on projects and provide student instruction and assistance remotely. Lectures are conducted jointly and the students give several presentations on their projects. Video conferencing has enabled student and faculty interaction and feedback from both Duke and UNC as well as NC State. Student feedback on the collaboration has been positive.

Technology Used
- NCREN Video Conferencing System
- NetMeeting
- Blackboard

Sponsors
- Pratt School of Engineering
- UNC Department of Biomedical Engineering
- National Science Foundation

Participating Departments
- Division of Speech Pathology and Audiology
- Pratt School of Engineering
- Duke Department of Biomedical Engineering
- UNC Department of Biomedical Engineering

“The technology provides students with easy access to resources and expertise that results in a more satisfying learning experience.” - Blackboard welcome page

Guest lecturer at Duke speaking while having class videocast.

Kevin Caves and students attending a video conference session at Duke.

Blackboard group pages

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Center for Instructional Technology