



# Video Classroom

POOLE COLLEGE OF MANAGEMENT AT NORTH CAROLINA STATE UNIVERSITY | Raleigh, NC

## THE CHALLENGE

The Poole College of Management, like other top professional schools, is adapting to a changing environment with students increasingly relying on distance learning and review of recorded content. PCOM challenged the design team to create a showplace classroom with advanced video technology capable of hosting multi-camera recordings, live distance learning events, and web conferences—all in a sleek, sophisticated architectural environment with seamless integration of the technology into the room. The goal was to create a system that would be simple and familiar and intuitive for faculty who teach daily classes, but capable of creating the highest level of recorded content when needed.

## OUR SOLUTION

In close collaboration with the architect, KONTEK integrated the visible technology components into the classroom's walls, ceiling and furniture in ways that were elegant and unobtrusive, including a custom-designed instructor's lectern. Wireless presentation technology and automatic camera and microphone systems allow the instructor to leave the lectern area and freely roam the room. With an intuitive touch panel interface, the AV system is simple for the teaching faculty to operate. When needed, a technician may take over from the adjacent control room and produce high quality recordings or originate live streaming events.

“We seek to install creative, innovating thinking in our students, and KONTEK’s work provides a perfect example. They brought great ideas and problem-solving skills to our design team and delivered a finished product (on time!) that will be critical as we train the next generation of business leaders.”

— Franklin Finch

*Director of Information Technology, Poole College of Management*

## HIGHLIGHTS

- **Fully equipped production control room** for live streaming, multi-camera recording, distance learning and web conferencing
- **Four HD pan/tilt/zoom video cameras** with automatic tracking and joystick control
- **Dual 90” primary video displays** and dual 55” **instructor’s confidence monitors**
- **ADA-compliant adjustable height instructor’s lectern** and **ceiling-mounted document camera**
- **Flush mounted ceiling microphones** allow total mobility for the instructor
- **Wireless presentation from mobile devices, laptops and tablets**
- **Wireless in-ear monitors** for private communication between instructor and technician