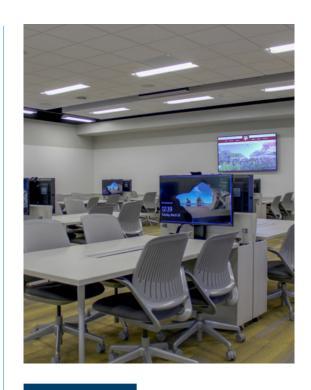# Texas A&M University College of Engineering

INTRODUCTION

Home to more than 20,000 students and 650 faculty members, Texas A&M University College of Engineering is one of the largest engineering schools in the world. Its mission is to serve Texas, the nation, and the global community by providing graduates who are well founded in engineering fundamentals, instilled with the highest standards of professional and ethical behavior, and prepared to meet the complex technical challenges facing society today.

"CRESTRON DM NVX HAS HELPED US CREATE AN INNOVATIVE AND EXCITING CLASSROOM EXPERIENCE FOR BOTH OUR STUDENTS AND FACULTY."

Mark Henry,
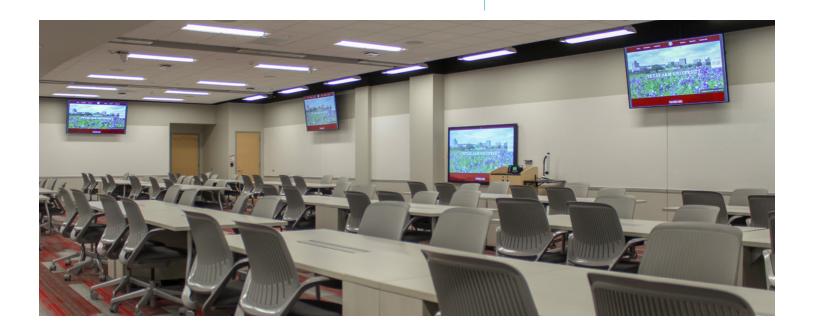*Education Technology Architect,*
Texas A&M University

CRESTRON®

THE CHALLENGE

Providing students with the latest learning technology has always been a top priority for the College of Engineering. For the massive, newly renovated Zachry Engineering Education Complex, the mission was to revolutionize education by replacing the traditional lecture hall learning model with easy, high-quality content sharing and collaboration between instructors and students.

"CRESTRON DM NVX HAS TAKEN OUR CLASSROOMS TO THE NEXT LEVEL BY ENABLING INFINITE FLEXIBILITY FOR BOTH PROFESSORS AND STUDENTS."

Mark Henry,
Education Technology Architect,
Texas A&M University

THE SOLUTION

Equip the 39 active learning studios, 37 student schedulable meeting spaces, and more than 130 conference rooms and huddles spaces with technology worktables, wireless presentation connectivity, and interactive multi-device sharing screens with stunning 4K content delivered by Crestron DM NVX™ network AV technology. Additionally, deploy an advanced room scheduling solution to optimize usage of the meeting spaces.
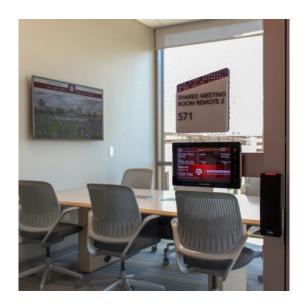
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THE TECHNOLOGY

More than 700 DM NVX encoder/decoder devices throughout the complex enable lightning-fast distribution of flawless content from students' and instructors' laptop computers. Engineered for demanding conference room and classroom applications, DM NVX ensures real-time, 4K60 video performance for the presentation of multimedia, videoconferencing, and live camera images.

"We wanted a solution that our students and staff could depend on," explains Henry. "DM NVX is that solution. It not only delivers premier image quality, it also ensures no latency, allowing us to deliver the best possible classroom experience."

Crestron room scheduling touch screens, running the scheduling app developed by the College of Engineering IT team, provide an easy and efficient way to book the 37 meeting spaces. "The room scheduling touch screens enable our students, faculty, and staff to quickly determine room availability and book meetings on the fly," says Henry.

"CRESTRON WORKED HAND-IN-HAND WITH US TO GUARANTEE THIS PROJECT WAS A SUCCESS AND COMPLETED ON TIME."

Mark Henry,
Education Technology Architect,
Texas A&M University

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RESULTS

With the help of Crestron, Texas A&M University College of Engineering has created a hub for innovation and student success, raising the bar in higher education.

"Working with Crestron has been a pleasure; their team assisted us throughout our entire journey to ensure that we had the right technology for each of our spaces. They helped us make the Zachry Engineering Education Complex one of the most technologically advanced academic buildings in the country," said Henry.

Featured Products

DigitalMedia™ 4K60 4:4:4 HDR Network AV Encoder/Decoder
DM-NVX-351

7" Room Scheduling Touch Screen
TSS-752

3-Series® Control System
CP3N

10.1" Touch Screen
TSW-1060

HD Streaming Transmitter/Receiver
DM-TXRX-100-STR

Crestron Fusion® software