



Rutgers University

Introduction

Established in 1766, Rutgers University is the eighth oldest institution of higher learning in the U.S. The school takes pride in its centuries-old tradition of rising to meet the challenges of each new generation. Today, Rutgers is a leading research university with more than 65,000 students, and a proud member of the Big Ten® collegiate athletic conference.

In celebration of their 250th anniversary, the university unveiled the brand new Rutgers Academic Building. The beautifully designed brick and limestone building is the first new academic facility on the College Avenue Campus since 1961. The 200,000 square-foot facility features active learning classrooms and a variety of state-of-the-art lecture halls outfitted with Crestron technology. Each of these rooms were designed to serve as a technology-rich environment offering interactive teaching and learning opportunities that foster greater student engagement and collaboration. Crestron AV, presentation, and collaboration solutions play integral roles in fulfilling that mission.

"We're proud of how we have been forward thinking while remaining responsive to the needs of the community we serve. Crestron helps us inspire faculty with the latest and greatest in classroom technology."

Matthew Wilk
Associate Director, Technical Services & Operations
Rutgers University





The challenge

The New Brunswick Development Corporation (DEVCO) and Elkus Manfredi Architects worked together to outline, design, and present Rutgers with a blueprint of a new academic building. Their design featured an abundance of lecture halls, seminar rooms, student lounges, public spaces, and department offices. The university loved the design, and brought in Convergent Technologies Design Group (CTDG) and the Digital Classroom Services (DCS) team to recommend and deploy Crestron technology solutions throughout the spaces to ensure a flawless collaborative learning experience for teachers and students.

The solution

The new academic building features lecture halls, active learning classrooms, and a media room. "All of the spaces can be used to teach a vast selection of courses," said Matthew Wilk, Associate Director, DCS Technical Services & Operations. "We build classrooms that are flexible and can accommodate multiple learning styles." Each of the lecture halls is outfitted with projectors, multiple displays, and several audio options that enable professors to set up the classroom to fit their preferred teaching style.

The most popular spaces in the building are the active learning classrooms. Each room has ten workstations that can host up to nine students and be divided into additional workspace if needed. With a display located

behind each table, students can effortlessly use AirMedia® to wirelessly connect their laptops or mobile devices to share content with their groups.

In the center of the active learning classrooms is a faculty hub where the professor can connect their laptop and display content on any of the four main displays mounted to the ceiling. From the center of the hub, the teacher can control all of the displays, present, and share content throughout the room via a Crestron TSW Touch Screen.

"The active learning classrooms are meeting a need within the Rutgers academic community," said Wilk. "Faculty members and students are enjoying the flexibility that these spaces provide and have noticed an increase in collaboration."

"Crestron gives us the flexibility to match classes with the right spaces, reduce the strain on each space, and provide more time for maintenance."

Matthew Wilk
Associate Director, Technical Services & Operations
Rutgers University



Results

Since the grand opening of the Rutgers Academic Building, the reaction from students, alumni, and faculty has been overwhelmingly positive. Rutgers appreciates having technologically advanced classrooms that can accommodate their various styles of teaching and learning. Thanks to Crestron, Rutgers was able to provide their students and faculty with state-of-the-art facilities designed to deliver a consistent and innovative learning experience in every space.

"Working on the Rutgers Academic Building has been a productive and professional relationship since day one," said Bill Holaday, Design Principal, Convergent Technologies Design Group. "We're thankful to the Rutgers team for their collaboration, and to Crestron for their impeccable solutions."

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DM-RMC-4K-100-C
- **4K DigitalMedia Receiver & Room Controller w/
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DM-RMC-4K-SCALER-C
- **3-Series Room Media Controller**
RMC3
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