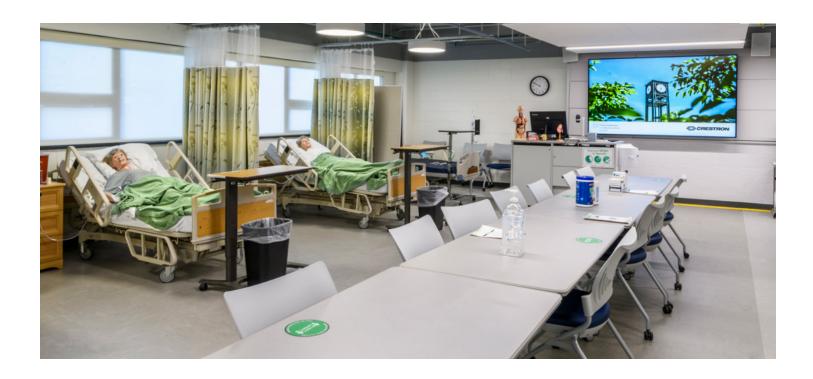# Hudson Valley Community College

INTRODUCTION

Located in Troy, New York, Hudson Valley Community College (HVCC) has been a first-choice higher education destination in the Capital Region of New York state for more than 60 years. The HVCC campus offers a wide variety of academic spaces, including labs, lecture halls, and smaller traditional classrooms, all of which are designed to improve the learning experience.

"CRESTRON HAS HELPED US MEET OUR GOAL OF MODERNIZING ALL TECHNOLOGIES TO BETTER SERVE OUR STUDENTS AND FACULTY."

Jonathan Brennan
*Chief Information Officer,
Hudson Valley Community College*

THE CHALLENGE

Previously, HVCC's IT infrastructure was managed by two different groups; one focusing on computers on the network and the other on instructor console and equipment. Because of the lack of standardization, no two rooms ever featured the same technology. As a result, the IT team received a constant stream of help desk tickets for issues ranging from audio distortion and image clarity issues, to failing projectors.

THE SOLUTION

With these challenges in mind, HVCC set out to find an all-encompassing solution that would standardize the user experience for instructors and students across the entire campus, and thus create a more productive learning environment.

"CRESTRON TECHNOLOGY HAS GIVEN STUDENTS AND TEACHERS A MUCH BETTER EXPERIENCE IN THEIR DAY-TO-DAY LEARNING. WE ARE MORE EFFICIENT AND HAVE A TECHNOLOGY BACKBONE THAT MY TEAM CAN TRUST, ALLEVIATING OUR WORRIES ABOUT SYSTEMS FAILING."

Jonathan Brennan
Chief Information Officer,
Hudson Valley Community College

CRESTRON

THE TECHNOLOGY

The HVCC IT team enlisted Crestron to centralize support and standardize all academic technologies to provide a consistent look and user experience in all of their academic spaces. Utilizing Crestron .AV Framework™ software, the team was able to design one room standard and then easily replicate it and deploy it in 260 spaces across campus. They were also able to repurpose some of their existing Crestron systems and easily update them, rather than having to start from scratch or perform any additional programming.

With the standardization across campus, the number of calls to the help desk decreased significantly across the board, and the team is able to troubleshoot issues without the need to call second and third-tier level support for assistance.

A Crestron DigitalMedia™ Presentation System (DMPS) and a Crestron touch screen provide faculty and students with the ultra-high-definition presentation capabilities and room control they need in each of the learning spaces. The Crestron DMPS integrates advanced video, audio, and control signal distribution in one compact device. The simple touch screen interface ensures that the technology in the rooms is a helpful tool, rather than a challenge to be solved. "Crestron's DMPS and touch screen solutions have helped eliminate lost instruction time in our classrooms, especially in cases that were a result of technology failures," says Jonathan Brennan, Chief Information Officer, HVCC.

"WITH .AV FRAMEWORK, WE WERE ABLE TO CREATE A CONSISTENT ROOM EXPERIENCE IN ALL 260 SPACES ACROSS CAMPUS. IT HAS ALSO GIVEN US THE OPPORTUNITY TO REPLICATE ROOMS IN A MORE ECONOMICAL, SIMPLE, AND SCALABLE WAY THAN EVER BEFORE."

Jonathan Brennan
Chief Information Officer,
Hudson Valley Community College

With the success of Crestron technology deployed in the learning spaces, the IT team has had the confidence to deploy other Crestron solutions across campus. The IT team also installed high-performance Crestron DM NVX® AV-over-IP technology solely within their new manufacturing building, in order to instantly and flexibly route 4K video to displays. And Crestron DM NVX Director™ is used to manage the large network of DM NVX devices within the building.

RESULTS

Crestron has helped transform HVCC into a tech-forward community college that offers versatile and advanced technology solutions. With a standardized technology infrastructure, HVCC has centralized the support of their classrooms while modernizing the academic technologies for their faculty and students.

Teachers and faculty appreciate the improved user experience and reliable support that now backs them in their daily instruction.

"CRESTRON'S TECHNOLOGY IS FLAWLESS AND PROVIDES A MORE RELIABLE SOLUTION THAN WHAT WE'VE EVER OFFERED BEFORE. IT HAS TRULY ENHANCED OVERALL PRODUCTIVITY, ENGAGEMENT AND PERFORMANCE."

Jonathan Brennan
Chief Information Officer,
Hudson Valley Community College

Featured Products

DM NVX® 4K60 4:4:4 HDR Network AV Encoder/Decoder
DM-NVX-350

DM NVX® Director™ Switching Appliance
DM-XIO-DIR-80

AirMedia® Presentation System 200
AM-200

3-Series® 4K DigitalMedia™ Presentation System 150
DMPS3-4K-150-C

3-Series® 4K DigitalMedia™ Presentation System 250
DMPS3-4K-250-C-AirMedia

3-Series® 4K DigitalMedia™ Presentation System 350
DMPS3-4K-350-C-AirMedia

7 in. Touch Screen
TSW-760-B-S

Crestron .AV Framework™

CRESTRON