

PROAV DESIGN GUIDE

## Lecture Hall

Medium to large hall for 40-100 students, with dual projection.



Reference layout: dual fixed-frame screens, ceiling projectors, seating, lectern w/ confidence monitors.

### Designed to keep large classes engaged.

Audio and video products are crucial for enhancing the learning process in educational institutions worldwide. Creation Networks delivers AV systems that provide high-quality visuals and sound, easy-to-use controls, and reliable performance tailored for education.

Lecture halls in colleges and universities are perfect for hosting popular classes with a significant number of students. Tiered seating ensures everyone has an unobstructed view of the lecturer or AV presentation, while AV systems amplify the lecturer's voice and project instructional material onto large screens so students at the back can see and hear clearly.

Creation Networks - with its exceptional curated products designed specifically for educators - is an invaluable collaborator in achieving outstanding academic results.

**FOOTPRINT**

36' x 60'

2,160 sq ft Seats:  
40-100

**TECHNOLOGY**

\$85K-\$115K

Audio, video, control,  
switching & wireless

**FURNITURE**

\$155K-\$260K

Modular seating &  
table installation

**KEY FEATURES**

Dual 4K Projection

Clean Sight lines

Voice Reinforcement

Wireless Collaboration

Teams + Zoom Ready

Crestron Control

**PRICING NOTE**

All pricing is conceptual and based on the wide range of product choices available. Each space has unique considerations: acoustics, build-out, labor, and infrastructure.

## SPECIFICATION SHEET

### Recommended Equipment Schedule

Curated AV stack used in this lecture hall reference design.



**Dual projection screens**  
with WUXGA laser projection for full-room sight lines.



**Lectern w/ wireless mics**  
and confidence monitors for instructor & class visibility.

## TECHNOLOGY PRODUCTS

### PROJECTION:

Da-Lite UTB Contour 164" 16:10 Fixed Frame Screens (2x)  
Panasonic PT-RZ890BU7 WUXGA 8,500-lumen DLP Laser Projector (2x)

### CONFIDENCE DISPLAYS:

LG 65" UHD Slim Commercial Display, 700-nit, webOS (3x)  
Chief Fusion large flat-panel mount (3x)

### INPUT SOURCES:

Crestron UC-CX100-T Flex Advanced kit for Microsoft Teams Rooms  
Crestron UC-CX100-Z Flex Advanced kit for Zoom Rooms  
Crestron AM-3200-WF AirMedia Series 3 wireless w/ Wi-Fi

### VIDEO PROCESSING:

Crestron DM-NVX-E30 / D30 4K60 4:4:4 HDR encoder & decoder  
Crestron DM-NVX-363C / 360C / 360 with Dante audio  
Crestron DMF-CI-8 DigitalMedia 8-slot card chassis  
Netgear M4250 GSM4230PX 24-port AV-line PoE+ switch (480W)

### SOUND SYSTEM:

Shure IntelliMix P300-IMX conferencing DSP  
Shure MXA920 ceiling-array microphone (2x)  
Shure MXWAPT2 access point  
Shure MXWNCS2 charging station  
Shure TwinPlex TH53 headset bodypack (2x)  
Shure MXW2/SM58 handheld wireless transmitter (2x)  
Crestron AMP-X300 4-channel modular power amplifier  
Crestron SAROS IC6T-W-T 6.5" in-ceiling 70/100V speakers

### CONTROL SYSTEM:

Crestron TSW-1070 10" tabletop / wall touch panel  
Crestron CP4N 4-Series network control system

## FURNITURE PRODUCTS

### SEATING:

Fixed table seating for 40-100 students

### TABLES | DESKS:

Modular desks for students

### LECTERN:

Large lecturer table and instructor workstation

## TIMELINE

DESIGN

2 weeks

PROCUREMENT

6 weeks

PRODUCTION

3 weeks

INSTALLATION

2 weeks