CAEN

Classroom Technology
For Michigan Engineering Instructors

1. Classroom Features
College of Engineering classrooms have a variety of features, some of which are available in all spaces, and others that are unique. Find out which classrooms have moveable furniture, extra displays, VR technology and more here: bit.ly/caen-room-search

2. Touchscreen Control Panel
Every CoE classroom includes a touchscreen panel you can use to operate the A/V equipment installed in the room. Located on the instructor lectern, these panels provide a consistent interface to select what is shown on the projector, adjust volume, take manual control of the recorder, and more. bit.ly/caen-room-controls

3. Wired Connection
All CoE classrooms provide an HDMI cable to connect your devices to the projector. If your device does not have a full-size HDMI port you will need to bring your own adapter. Some rooms also have VGA connections, although this older technology is being phased out.

4. Wireless Connection:
AirPlay on Apple TV can be used to wirelessly connect a device to the room projector. Apple devices can connect directly with no additional software. Instructors using Windows can request an AirParrot license from CAEN.

5. Lecture Recording
CAEN's Lecture Recording Service is the most automated and easy-to-use option for making recordings in a classroom. All college classrooms have built-in cameras and microphones for recording the instructor, as well as systems to capture the image being shown on the projector. bit.ly/caen-lecture-recording

6. Zoom PC
CoE classrooms offer the ability to stream live via Zoom on a computer located at the instructor lectern. We recommend using this computer for Zoom as it is connected to the room technology (microphones, speakers, camera) and will give the best Zoom experience for those remote. bit.ly/caen-live-streaming

7. Microphones
A lavalier-style wireless microphone is provided in all classrooms, and some rooms also include a handheld microphone. Most rooms also include audience participation microphones to better pick up student interaction for recording and Zoom.

8. Whiteboard Capture
For those using lecture recording we have the ability to also enable Whiteboard capture for your videos. This will create a higher resolution image of the whiteboard for your students to view on the recorded lecture. There is also a way to use this feature with the Zoom PC.

9. Lecture Rewind
A new assistive feature for Fall 2022, this a live slide/whiteboard viewer that students use on their own devices to offer a better view of what's being shown in the room and the ability to rewind to anything missed while a session is active. You can enable this feature from the lecture recording management page on a site-by-site basis.

10. Requesting Assistance
If you need help with the A/V system while in the room, you can press the **Report Problem** button on the touchscreen control panel to request a technician come to the room.

For more information about Instructional and Classroom Technology at CAEN, contact caen@umich.edu

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