

Classroom Technology for HyFlex Teaching & Learning

Classrooms across campus have access to multiple technologies to create engaging Face-to-Face instruction as well as the ability to stream those environments live online through Zoom. Please view the video below to learn more about the technologies deployed to campus classrooms to support faculty in HyFlex Teaching. Additionally, there is an overview of the tools available below the video.

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Computer - All smart classrooms are equipped with a standard computer configuration, including:

- Desktop Computer
- Monitor
- Keyboard
- Mouse

Displays - Two different types of displays are utilized across campus classrooms:

- Ceiling-mounted Projector (projection to a screen mounted in the classroom)
or
- Flat Panel Display (in classrooms without a projector, a large-scale monitor is utilized)

Components - Multiple inputs are made available to support faculty instruction:

- Document Camera (display content from a book or printed material on the projector/display - additionally, the document camera can be used as a secondary camera in ZOOM to display materials to students joining remotely)
- Computer DVD Player (play DVDs on the projector/display)
- Control Panel for Input Selection for Displays (determine which input you want to display to students in the classroom)
- Wireless Display of Content (where installed)

Webcams/Audio - Webcams with built-in microphones allow for viewing of the instructor and/or classroom environment:

- Monitor-mounted Webcam (on top the classroom podium monitor)
or
- Tripod-mounted Webcam (on the podium desktop and is attached with a USB cable that allows for some movement of the camera to various directions)
or
- Gooseneck Webcam (allows 360 degree movement of the webcam to showcase various in-class demonstrations online, i.e. labs, art classrooms)
- Speakers in the Classroom

Software for Remote Delivery - Additional software is available on classroom computers depending on departmental needs:

- Microsoft Office Suite
- Zoom
- Panopto