Fall 2020
Classroom AV Overview

Technology to support hybrid and online delivery modes in General University (GU) classrooms
New Classroom Audiovisual Technology:

• Available in General University (GU) classrooms

• Supported by Information Technology Services (ITS) Audiovisual Experience Team (AVXT)

• Many classrooms already outfitted with new equipment

• Some equipment installs will continue into first weeks of classes
Two Levels of AV Solutions

Level One:

• Available in 20-40 classrooms

• Pan / tilt / zoom camera and microphone provided for fully-integrated solution

• Lecture capture recorded to Panopto in the Cloud; more details to come about recording retrieval.

• Some rooms will also contain USB / USB-C cable for integrating with videoconferencing or recording software on instructor's device

Top left: Lecture capture camera
Top right: Projector & audio controls
Bottom right: Microphone
Two Levels of AV Solutions

Level Two:

- Available in 50-100 classrooms
- Web camera and boundary microphone provided for more basic functionality
- Connects to instructor’s device with USB or USB-C port with cable provided

Top left: Web camera
Top right: Boundary microphone
Bottom right: USB / USB-c cable
Two Levels of AV Solutions

For a comprehensive list of all General University (GU) classrooms and the current or proposed audiovisual equipment installed, please visit the IT Portal.

• You can also navigate to the linked item by visiting the IT Portal homepage, then selecting Knowledge > Audiovisual Experience in the left-hand menu > "Audiovisual Classroom Technology: General University Classroom Equipment"
Using AV Solutions

Compatibility with software
- Webex, Panopto, Canvas Studio, Microsoft Teams, Zoom
- Visit CELT resources like those linked above for more information on choosing the most appropriate software for your courses

Instructions provided
- Detailed instructions for choosing the correct AV input settings
- Available in each GU classroom and online via the IT Portal
  - Level One Classroom AV instructions
  - Level Two Classroom AV instructions
- Features troubleshooting tips and contact information for support
Using AV Solutions

Set-up time
• ITS recommends reserving 15-20 minutes when first connecting to new classroom AV equipment

Sanitizing equipment
• Sanitize AV equipment before & after use with alcohol-based wipes provided

Get help if needed
• Contact the IT Solution Center if assistance is required
• (515) 294-4000 or solution@iastate.edu
Personal AV Solutions

If teaching in a room yet-to-be outfitted, utilizing a microphone you provide is an option

- Provides better audio experience than computer audio
- To be purchased by instructor with funds available from department or college
- Not supported by ITS due to logistical challenges

Recommended personal microphones

- MXL AC-404
- MXL AC-424
- MXL AC-44 (not recommended for longer distances)
- Jabra SPEAK series speakerphones (SPEAK -410, -510, -710, -810)
- Contact your local IT for purchasing assistance
As a reminder

Rooms that are labeled “Teaching Lab” or “Seminar Room” are not considered **General University classrooms** and will not necessarily be equipped with the types of technology outlined here.

Please **reach out to your local IT unit** for more details about what types of AV technology will be available in a specific Teaching Lab or Seminar Room.