For up-to-date information on available technology resources during the Coronavirus pandemic, see our [Computing Availability During COVID-19](#) article.

# In-Person to Remote Instruction

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Moving from in-person teaching to remote instruction is challenging – the vast array of digital tools may seem overwhelming! Advance preparation for teaching online is key – as is setting reasonable expectations for yourself and students.

For a more in-depth look please visit [Remote Instruction - Start Here](#).

This grid outlines ways you can transform some of the things you do in the classroom to remote instruction. These are guidelines and starting points. If you have any questions please reach out to [courseware@wharton.upenn.edu](mailto:courseware@wharton.upenn.edu)

<table>
<thead>
<tr>
<th>In-Person Instruction Activity</th>
<th>Remote Instruction Counterpart</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Classroom Experience</strong></td>
<td>Synchronous classes should use a combination of video conferences and Canvas to replicate the classroom. <a href="#">Follow these instructions</a> to set up your video conferences.</td>
</tr>
</tbody>
</table>
| **Discussion**                | There are a couple of options for recreating the spirited discussions you have in class:  
   - The [Chat feature in your video conference](#) can be used by students to ask questions or make comments during class. When using chat, we recommend that:
     - a TA or student monitors chat and reports questions/issues for faculty.  
     - Faculty log into the meeting with another device so they can manage chat along with the TA or student monitor.  
     - outline your expectations for how you want chat to be used by your students.  
   - [Discussions in Canvas](#) are discussion boards accessible by everyone in your class, or restricted to specific sections or groups. |
| To track attendance or determine participation consider using: |  
   - The [Wharton Attendance, Absence, and Video Requests Module](#) can be enabled for your Canvas site.  
   - [Chat in your video conference](#) - Have your students say something in the chat, and your TA (if you have one) take a tally.  
   - [Chat in Canvas](#) can also be used.  
   - [Survey or Quiz in Canvas](#) - Create a graded survey or quiz for attendance for students to complete. Consider using an access code to prevent students not...
### Attendance + Participation

- **PollEverywhere** - A simple survey can be a good alternative to traditional attendance.
- **Discussion Boards** in Canvas - Create a specific board for attendance and have students post to it as they watch the video/join the video conference.

> Keep in mind that some students may be unable to participate live due to time zone differences, internet connection limitations, Coronavirus-related restrictions, and family or personal medical emergencies.

### Seeing Students

Within a video conference, there are several view options:
- **People view** - Active speaker is seen on top, with the most recent participants displaying at the bottom. This is the default layout.
- **Speaker view** - Current speaker takes up the entire screen
- **Gallery view** - Participants are shown at the same time in a "Brady Bunch" format. The number of participants available in Gallery view varies according to the software being used.

Here are some common scenarios and the view we recommend for each:

<table>
<thead>
<tr>
<th>Class Activity</th>
<th>Video Conference View</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecturing</td>
<td>Speaker View</td>
</tr>
<tr>
<td>Whole Class Discussion</td>
<td>Gallery View</td>
</tr>
<tr>
<td>Screen Sharing</td>
<td>Speaker or People View</td>
</tr>
</tbody>
</table>

BlueJeans - Views are disabled after 25 people have joined the meeting.

### Polls

**PollEverywhere** can be used to create the polls ahead of time and either add them to your slides or share the link via chat with your students when appropriate.

Zoom offers **Polling for Meetings** which can be used in class. Please note Zoom Polls must be created before the Zoom meeting starts.

**Breakout Sessions** in Zoom and BlueJeans can be used by organizer to create rooms
and assign students to them for randomized group discussion.

For one-on-one meetings or specific small groups, curated video conferences should be scheduled.

**Screensharing** can be used to share an entire computer screen, or individual applications, including:

- PowerPoint
- Websites
- Office Documents

If you choose to share your entire desktop, be aware that your whole desktop is being displayed, and make sure to minimize or close personal documents and disable personal notifications.

In BlueJeans, click the dropdown arrow on the screenshare icon for more controls → only allow moderators to share screen and/or prevent screenshare takeover.

**Whiteboard**

- Zoom - To learn more about the Whiteboard, see sharing instructions here.
- BlueJeans - The Whiteboard app in BlueJeans displays one whiteboard, and you must use a mouse/trackpad to write.

For more suggestions for whiteboard solutions please visit Student Engagement.

**Annotation**

Use the annotation feature to mark up a slide or document during your presentation.

- BlueJeans - If you’re screensharing, click the blue Annotate button at the top of the shared screen. If you aren’t, click the Apps in the BlueJeans app and then click Start on Annotate. Select the screen you’d like to share and then start the annotation tool to draw and drop text.

**Teaching Assistants**

TAs can continue to hold office hours via video conferences.

We recommend using a recurring Zoom meeting scheduled through Canvas to host virtual office hours.
<table>
<thead>
<tr>
<th>Office Hours</th>
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<tbody>
<tr>
<td>For one-on-one meetings with specific students, we recommend setting these up as one-on-one video conferences.</td>
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<tr>
<td>These meetings do not need to be recorded, and signups can be handled via the Appointment Groups feature of Canvas.</td>
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<th>Guest Speakers</th>
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<tbody>
<tr>
<td>Guest speakers can join a video conference session and students can interact with the speaker via the chat.</td>
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</table>

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<tr>
<th>Final Exams</th>
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<tr>
<td>Midterm and final exams can be delivered through Canvas, either remotely or in-person.</td>
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</table>

For more information, please:

- See our [Zoom FAQ](#) or [BlueJeans FAQ](#)
- Contact your [Academic Support Representative](#)
- Check out the [Zoom Help Center](#) or [BlueJeans Knowledge Base](#)