# Teaching Effectively During Times of Disruption:

Updated: 3/11/2020 by: PJS

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#### PEDAGOGY IN TIMES OF DISRUPTION

Teaching during times of potential disruption requires creative and flexible thinking about how instructors can support students in achieving essential core course learning objectives. This document offers suggestions for instructors at John Carroll University looking to continue offering a student-centered learning experience in a remote or online learning environment.

While the process will no doubt feel unfamiliar and at times possibly frustrating, try as much as possible to be patient. There will always be hiccups, but times of disruption are, by their nature, disruptive, and everyone expects that. Be willing to switch tactics if something isn't working. Above all, stay focused on making sure the students are comfortable, and keep a close eye on the course learning goals--while you might not be able to teach something exactly the way you imagined, as long as you're still meeting the learning goals of the course, you're doing fine.

# Synchronous vs. Asynchronous?

There are two options for instructors to facilitate class sessions remotely:

- 1. **Synchronous**: instructors and students gather at the same time and interact in "real time" with a very short or "near-real time" exchange between instructors and students.
- 2. **Asynchronous**: instructors prepare course materials for students in advance of students' access. Students may access the course materials at a time of their choosing and will interact with each over a longer period of time.

Instructors may choose to engage their students synchronously or asynchronously depending on the course content or material that needs to be taught. There are many advantages and disadvantages to asynchronous and synchronous teaching options.

#### **Advantages of Synchronous Teaching**

- Immediate personal engagement between students and instructors, which may create greater feelings of community and lessen feelings of isolation
- 2. More responsive exchanges between students and instructors, which may prevent miscommunication or misunderstanding

#### **Disadvantages of Synchronous Teaching**

- 1. More challenging to schedule shared times for all students and instructors
- 2. Some students may face technical challenges or difficulties if they do not have fast or powerful Wi-Fi networks accessible

#### **Advantages of Asynchronous Teaching**

- 1. Higher levels of temporal flexibility, which may simultaneously make the learning experiences more accessible to different students and also make an archive of past materials accessible.
- 2. Increased cognitive engagement since students will have more time to engage with and explore the course material.

#### **Disadvantages of Asynchronous Teaching**

- 1. Students may feel less personally exchanged and less satisfied without the social interaction between their peers and instructors.
- 2. Course material may be misunderstood or have the potential to be misconstrued without the real-time interaction.

# **Identifying Key Tools and Functions within Canvas**

If you are new to using Canvas, you may appreciate some orientation to key Canvas tools and functions. Check out this <u>video</u> for a quick introduction to Canvas.

- Assignments: Instructors can create space for students to upload submissions, from
  informal reflections to formal written assignments and projects. Instructors can select the
  grading approach within the assignment. Assignments are best for instructors who wish
  for the students' work to only be viewed and assessed by the instructor.
- Announcements: Instructors can send mass emails or messages to the whole class
  community via the Announcements tool. The benefit to using Announcements over e-mail
  is that instructors do not need to collect individual student e-mail addresses and that the
  messages are archived in the course Canvas site.
- Chat: The whole class, instructors and students alike, can engage in a "real time" text-based, instant messaging conversation. Messages received in Chat remain archived and can be read outside of synchronous time too. This can be a nice way for instructors and students to communicate nimbly without needing to use voice-based chat and without needing to use any outside apps or resources.
- <u>Discussions:</u> Instructors can create threaded, written discussion forums for instructors to engage in written (or audio/video) dialogue with each other and respond to written prompts.
- <u>Files:</u> Instructors can post key course documents, like the syllabus, readings, assignment sheets, and activity descriptions in this space.
- Modules: Instructors can organize course content into several chunks or groups of learning content. The pieces of information that students will access, including the syllabus, assignment sheets, activity descriptions, and outside links and resources, can be grouped together in the order that students might access those resources during a synchronous or asynchronous class session. Modules can give students access to readings, activity descriptions, outside links, and assignment submission links all in one place.
- Pages: Instructors can create content for students to read or access that is not already
  created in a separate website or in a Word Document or other kind of document. The
  settings for Pages can also be changed so that the page can be edited by both instructors
  and students to create a class Wiki.

For more information about the differences between organizing Canvas course pages or for more information about getting set up in Canvas broadly speaking, visit the <u>ITS website</u>.

#### What is Zoom?

Zoom is a video-conferencing platform for which John Carroll owns a license. Zoom allows you to engage in live Web conversations with your students using audio, video, and text-based chat features.

Unlike a video-conferencing program like Skype or Google Hangouts, you do not need a unique username or account to use Zoom. Instead, your John Carroll ID and password will allow you to generate a link (much like you might for a Google Document) and a phone number that you can share with anyone. Participants can then follow the web link or call the phone number to join in on a live conversation.

You can access Zoom through Canvas:

- 1. Open up canvas and enable Zoom through the Navigation tab in Settings.
- 2. Use zoom to schedule a meeting during your class meeting time.

#### Resources:

- Introduction to Zoom
- Zoom Quick Start Guide
- Access Zoom Through Canvas for Faculty
- Access Zoom Through Canvas for Students

#### SHIFTING YOUR CLASSES ONLINE

You have multiple options for shifting your classes temporarily online and we will highlight three:

# **Option 1: Run Your Class Live With Zoom**

This option works especially well for small discussion-based classes, though it's also effective for large lectures, especially if you have a moderator.

#### The Tech Side:

Using Canvas with Zoom makes it easier for students to locate the discussions. We've set up a detailed <u>Tech Tutorial</u> based on VPTL recommendations which walks you step-by-step through the process of integrating Zoom into your Canvas site.

#### **Pedagogical Recommendations**

Use slides and screen sharing within Zoom to make sure discussion questions are visible
to students who may have a slow Internet connection or who may struggle to hear the
audio for the initial question. (Look for <u>"Share Screen"</u> at the bottom of your Zoom call.)
On your first slide, display an agenda at the start of the class session so that students
know what to expect of the shared time together.

- **Use the chat** (bottom of your screen). See <u>In-Meeting Chat</u>.
  - Moderate discussion, i.e., "call on" a student with a comment to speak, to help them break into the conversation.
  - For larger classes, assign a Fellow or TA to moderate the chat and make sure important questions and comments are addressed. Even for smaller classes, it may be worthwhile to ask a student (or two) to take on special roles as "chat monitors" to voice if there are questions that arise that the instructor has missed.
  - You might use the chat to troubleshoot technical problems. For example, if a student is having trouble connecting via audio or video, the chat might be a space for you as the instructor or for fellow students to work together to problem-solve. This may, again, be an opportunity to assign a student to a special role, especially if you have students eager to help on the technical aspect of things.
  - o If you have a TA or a fellow who can support the class instruction with technical help, this would also be a good person to respond to troubleshooting in the chat.
- **Use Zoom Breakout Rooms** to help students talk in smaller groups (just as they would do break-out groups in a larger class environment). See <a href="Managing Video Breakout Rooms">Managing Video Breakout Rooms</a>.
- Rethink your classroom activities to make the class more interactive even if Zoom students don't have ideal connections and aren't able to hear and see everything perfectly.
  - Have students write and comment together on a shared Google Doc.
  - Try using <u>Google Forms</u> to collect student responses, and then share results with both in-person and online students.
- Consider making discussion questions available in advance in Canvas, etc. so that students can access the questions if screen sharing does not work. If sharing slides in advance to Canvas, share as PDFs, as students will be able to access the material on their phones.

#### A Few Troubleshooting Tips:

- If your microphone is not working, use the phone number listed in the Zoom invitation when you set up a Zoom call. You can use your phone as the microphone and audio source for your call rather than your computer's built-in microphone if necessary.
- If your Internet connection is slow or lagging, consider temporarily turning off your video stream and only maintaining the audio stream. Sometimes, running the web camera on your computer will use up the Internet's bandwidth in a way that might make communication challenging. Turning off the video should improve communication quality and consistency.
- If you have earbuds or a headphone set, wear them! Wearing earbuds or headphones will reduce the amount of noise that your computer will pick up during your quality, which will make it easier for your students to hear you. Similarly, you may want to advise your students to wear earbuds or headphones during the call.
- Advise students to mute their microphones if they are not speaking and unmute the microphones when they wish to speak. Students may be joining Zoom calls from all kinds of different locations, many of which may create background noise that could be

distracting. Encourage students to mute themselves if they're not speaking to minimize unnecessary or distracting background noise. Using the "raise hand" feature or simply seeing the microphone unmuted will give the group a visual cue for when a student wishes to speak.

- Check the "chat" space for student questions and contributions. Some students may not have working microphones and, therefore, may be unable to contribute via voice. The chat room is a good place for students to contribute, ask questions, and be involved.
- Check the **Zoom Help Center**

#### **Accessibility Suggestions:**

- Automatic live captioning is not available in Zoom (automatic captions are visible if you record a Zoom session). You may wish to use Google Slides and enable the live captioning feature within Google Slides. If you share your screen using Google Slides, your voice will be captured and live captions will appear. See Present Slides with Captions (via Google Drive support) for more information.
- For students who are blind or have low visibility, narrate the material that you're
  displaying visually on the screen. Just as you might read materials aloud in class, read
  screen material that you share on-screen just in case students are not able to see
  essential text.

Learn More: More information about Zoom Accessibility

# **Option 2: Pre-Record Your Lectures**

If you are not comfortable presenting live, another good option is to pre-record any lecture material and upload it to Canvas. We recommend that you pre-record lectures using Zoom, as this will generate automatic closed-captions that are needed for accessibility reasons.

#### The Tech Side:

Using Canvas with Zoom makes it easier for students to locate the discussions. We've set up a detailed <u>Tech Tutorial</u> based on VPTL recommendations which walks you step-by-step through the process of integrating Zoom into your Canvas site.

If you follow the steps, in a few minutes to a few hours (depending on the length of the video), completed videos will be automatically uploaded to your Canvas course -> Zoom -> "Cloud Recordings" tab. Basically, you'll want to open up your Powerpoint or slides, make sure you're recording to the cloud, and then use Zoom's "Share Screen" tool.

#### **Pedagogical Recommendations**

- Keep videos short and lively. It is often harder to focus on a video than on a person!
   Check out some tips for creating lively short online videos from online educator Karen Costa.
- **Test your microphone** to make sure that you have good sound quality. Consider using a headset with an external microphone to capture better audio.
- Consider ADA compliance. Automatic closed-captioning is not perfect. Speak clearly and not too quickly to make the content as accurate as possible. If using a tool other than Zoom for recording your lecture, consider uploading your videos to YouTube to take advantage of their automatic (though not perfect) closed-captioning.
- Integrate interaction with the lecture material. You might consider setting up a Canvas discussion board with some specific questions, using a quiz, or setting up a chat session for a text-based live discussion.

# **Option 3: Skip the Video**

Many online courses do not have a video component at all. If you are not sure you have the right equipment and are uncomfortable with the tech setup, this might be a good option, at least for the short-term.

#### **Pedagogical Recommendations**

- Annotate your slideshow with notes and share this with students using Canvas or email
- **Set up a discussion** for students in Canvas. Use specific, structured questions, and let students know expectations for their responses. See our recommendations on <u>Written Discussions</u>.
- Share links to outside resources. Encourage students to watch videos, read articles, etc.
- **Use Chat** to have a live, text-based chat session with students. See our recommendations on <u>Chat</u>.

#### **Office Hours**

Set up virtual office hours to meet with students using your webcam, share your computer screen or collaborate using Zoom's whiteboard feature. If you are more comfortable, you can also give students your phone number to call, or you can set up an <u>online chat</u>.

**The Tech Side:** We've set up a detailed <u>Tech Tutorial</u> based on VPTL recommendations which walks you step-by-step through the process of integrating Zoom into your Canvas site (recommended).

### **Pedagogical Recommendations**

 Keep the link to the Zoom room you're using for your students in a central place or homepage on your course Canvas site. The main factor to consider when holding office

- hours or conferences with students via Zoom is your accessibility as an instructor. Make sure they know how to find your "office" (just as you might offer them directions to your office on-campus).
- **Encourage students to share their screen with you.** Screen sharing is possible not just for the instructor in Zoom, but for students too. Help your students navigate towards a screen sharing option so that they can show you their written work on their screen.

#### OTHER USE CASES

#### **Student Presentations**

#### **Pedagogical Recommendations:**

If students are sharing their presentations **asynchronously**: ask students to record themselves at their screen, using a web camera, the built-in microphone on their computer, and screen sharing software combined to capture both their faces/persons as well as the slides on the screen.

- Zoom, Jing, and <u>Screencast-o-matic</u> can be used for **audio/video recording** in this capacity, as can Quicktime (on Mac only).
- Voiceover narration in slidedeck creation software can also be used via <u>Keynote</u> (Mac), <u>PowerPoint</u> (Mac or PC), or <u>Quicktime</u> (Mac).
- In Zoom in particular, they can follow the instructions to use two monitors with screen sharing. If students do not have access to two monitors, they can also use the screen sharing function in Google Slides by selecting to share only the window with the final slidedeck and NOT to share the window that pops up with the presenter notes. (i.e. "squish" both windows so they could appear side-by-side).

Students can save their final recording file and upload it to Canvas via <u>Assignments</u>, <u>Discussions</u>, or <u>Studio</u>.

- If students submit the recording via Canvas Assignments, the file will only be visible to
  the instructor. If students submit the recording via Canvas Discussions, the file will be
  visible to the full class community.
- If using Discussions, students can use an audio-video recording tool built directly into
   <u>Canvas</u> to record audio-video content. Note that with this tool, only the students' web
   camera content will be recorded and saved, not the students' screen (or their slidedeck).
   Given this constraint, a short reflection or oral presentation without slides or visuals would
   be most appropriate for recording with Canvas' recording tool.
- If students submit the recording via Studio, make sure the appropriate Studio tab has been enabled for your course.
- If students do not have access to a laptop computer or webcam, they can also use the
  voice memo feature on a phone to record audio, save audio files, and upload the audio
  files to <u>Canvas through Studio</u>.

If students are sharing their presentations **synchronously:** Ask students to use **Zoom to give a live presentation for their peers.** See <u>Advice for Using Zoom For Synchronous Class Sessions</u> for suggestions and technical tips for using Zoom to this end.

# Student-Facing Language to Help Students Understand Options for Final Presentations (credit to Sarah Pittock and Jennifer Johnson)

#### Student-Facing Language For Students Giving Live Presentations

Your instructor will provide the URL to the Zoom room. Simply click the URL or paste into your browser of choice to open the meeting.

- Audio and Video Setup
- After launching the Zoom meeting from the meeting URL, you will be prompted to join the room's audio. Click "join audio by computer." Zoom allows audio participation through your computer's internal speakers, a headset, or a phone line.
- Mute Yourself/Stop Webcam
- o To mute, click the microphone icon in the bottom-left corner. To unmute, click the microphone icon again. Follow the same process to turn the webcam on and off.
- Background noise can be minimized if you mute yourself when you're listening.

#### **Share Screen**

Participants are able to share applications or documents using Share Screen. After selecting "Share Screen", Zoom will present a list of all active applications and available desktops on your computer. You may also choose to share a whiteboard or iPhone/iPad. When the screen is shared, the bottom navigation menu will move to the top of the screen. To reposition the menu, simply click and drag.

• NOTE: By default, screen share opens in full screen. If you have the participants list and chat windows open (they will display on the right-hand side of the meeting), the windows will be hidden in full screen. Either click "Exit Full Screen" in the upper right corner or re-enable the windows by clicking "Manage Participants" and "Chat". The annotation toolbar allows participants to draw and make comments on the shared screen. Your instructor may choose to disable this feature. To end the screen share, choose "Stop Share"

#### Student-Facing Language for Students Pre-Recording Presentations

Uses a web camera, the built-in microphone on the computer, and screen sharing software combined to capture your face (in window) as well as the slides on your screen. Directions:

- Open Canvas and then click on Zoom in the navigation menu
- Click <u>Host a Meeting</u> (don't worry, you don't need anyone else in the meeting!)
- Be sure to <u>activate audio and video</u> (bottom left corner) When you activate video you will have a video window in the upper corner of your ppt where we can see you presenting the material

- <u>Turn on Screen Sharing</u> (center bottom) and you'll be prompted to select what you want to share: go to your desktop (and select your ppt) or you may see your ppt as a direct option, if you have the file open.
- <u>Hit record</u> (bottom center screen) and select "send to cloud" (red record light appears at top of screen)
- When you finish your presentation, hit end recording
- Within a few minutes, you'll receive two links in an email from the Zoom cloud: a shareable link and a second private link where only you can download your video file.
- Upload your file to Box and send me the presentation link. (note: recording can be done multiple times, so please feel free to practice)

More questions? Guide on recording in zoom

Want to use presenter notes?

- a) Dual monitor screen sharing with ppt zoom <u>tutorial here</u>
- b) Use google slides by selecting to share *only* the window with the final slidedeck and NOT to share the window that pops up with the presenter notes. (i.e. "squish" both windows so they could appear side-by-side)

## **Remote Testing Options**

In the event that your canvas quizzes will be taken from a remote location, the most secure option for taking tests and quizzes is using the Respondus Lockdown Browser. For additional monitoring, Respondus Monitor can be activated for additional security. If you plan to use this feature, send out the link to download the JCU-specific Lockdown Browser. John Carroll has a specific lockdown browser, so it is important to instal the correct version, found below:

**LockDown Browser is a locked browser** for taking quizzes in Canvas. It prevents you from printing, copying, going to another URL, or accessing other applications during an assessment. If a Canvas quiz requires that LockDown Browser be used, students will not be able to take the quiz with a standard web browser and will have to download John Carroll's Lockdown Browser.

John Carroll additionally licenses **Respondus Monitor**, a webcam feature for LockDown Browser that records students during online, non-proctored quizzes. When this feature is enabled for a quiz, students are required to use a webcam and microphone with LockDown Browser. After the quiz is complete, an instructor can review details of the assessment, even the recorded videos.

Here is a Quick Start Guide for Faculty

Webinars Registration Link: <a href="http://respondus.com/webinars">http://respondus.com/webinars</a>

Link to John Carroll's Lockdown Browser: <a href="http://bit.lv/lockdown2020">http://bit.lv/lockdown2020</a>

# Using Canvas for Announcements, Sharing Material, Collecting Assignments, and Grading

Many instructors already use Canvas regularly for tasks like sending announcements to their courses, sharing course materials, collecting assignments, and giving students grades and feedback. If you're not already using Canvas for some or any of these functions, this might be a good opportunity to become more familiar with the platform. Our <u>Website</u> has more information for canvas support and training events for specific trainings.

#### **Written Discussions**

To remove technical hurdles and to ensure that students are able to engage with peers and each other in a discussion-based class (even without a strong Internet connection), you might choose to move student discussion to an asynchronous format. <a href="Create a Canvas Discussion">Create a Canvas Discussion</a> as a forum to facilitate communication, encourage students to interact, ask questions and respond to discussion prompts.

#### **Pedagogical recommendations:**

- Craft discussion questions to be as clear and as specific as possible so that students
  can build off of the question for a sustained response. See <u>"Conversation Starters:</u>
   Orchestrating Asynchronous Discussion to Build Academic Community among First-Year
   Writers" by Dan Seward
- Assign roles to students so that they understand when and how they might respond to
  you or their peers. For example, students might "role play" as particular kinds of
  respondents or you might ask them to do particular tasks (e.g. be a summarizer, a
  respondent, a connector with outside resources).

# **Meetings with Teaching Teams**

Synchronous Recommended Video Tool: Zoom

While you might well still be able to meet your group in person, Thinking Matters is temporarily waiving the requirement for in-person meetings. The easiest way is for one team member to schedule a Zoom meeting and send the link to everyone else. You can do this in Canvas. Others will be able to just click the link.

#### Best practices for web meetings:

- Have a clear agenda and keep an eye on time--it's easier for people's attention to wander during web meetings
- Sometimes starting with something personal (a quick check-in) can make these meetings feel more personal

# **Live-Streaming In-Person Lectures**

If lectures continue to be held in person, but some students, particularly students with any immunity issues, need other ways to access the lecture material, you have several options. The one that is best for you really depends on the physical space of your class, your comfort with tech, etc.

The main challenge of these situations is usually making sure that the sound quality is good enough for students to hear.

#### *Synchronous*

• **Use Zoom**, as you would in small classes. Mute all participants, and make sure someone is monitoring chat. See our <u>Class Options</u> above.

#### Asynchronous

Record lectures using your phone, or video cameras or audio recorders that you can
checkout from the Service Desk. Call 216-397-3005 the helpdesk for these equipment
requests. Upload to Canvas when you're done, along with any slides.

# **Scheduling Tools for Student Tutorials/Conferences**

#### Asynchronous

Recommended Tool: Canvas Calendar or Google Docs

If you usually send around a physical sign-in sheet, you might be looking for alternatives that let you schedule appointment slots with students.

You may book and reserve time with students in three different ways:

- Scheduler/Appointment Tool through Canvas. Built into the JCU Canvas Calendar tool, instructors can build appointment blocks that their students can sign up for.
- Embed a Google Doc/Sheet into the course Canvas site/a Canvas announcement.
   Create an openly editable Google Document or Sheet with a table of available appointments for students to sign up for appointments. The link to edit the Doc or Sheet could be shared via an Announcement in Canvas or could be directly embedded into a Page or Module within Canvas.

#### **Peer Review**

Synchronous Recommended Tool: Google Docs & Zoom
Asynchronous Recommended Tool: Canvas Peer Review or Google Docs

#### **Pedagogical Recommendations**

- Write out clear and specific instructions about the expectations for peer review. This
  means specifying the qualities of writing that students may want to look for in each other's
  work. Distributing guiding questions or a worksheet that students can fill out as they
  review their peer's work can be a valuable supplement to guide students' virtual reading.
- If you are **introducing peer review synchronously** (via Zoom or another teleconferencing platform) and having students work in real time in Google Docs, consider:
  - Engaging the students in a chat-based or video-based conversation about their expectations for peer review
  - Have students use the chat box feature to share ideas about what makes for effective peer review
  - Use a polling tool, like Qualtrics or Google Forms, to collect ideas about students' impressions of and expectations for peer review
- If you are introducing **peer review asynchronously**, consier:
  - Opening up a discussion forum with a prompt that invites students to share their past experiences with peer review. What worked? What didn't? What are their goals this time? Aggregate student responses to create a document that outlines the class expectations and understandings of effective peer review experiences.
  - Ask students to include questions for their peer reviewers at the top of their document so that their reviewers can have a sense of what to focus on.
- Include links to technical documentation and support so that students can troubleshoot if they are not able to access peers' documents.
  - How to share documents within Google Drive.
  - How to review documents within the Canvas Peer Review tool.

#### Chat

You may not currently use a chat function in your class, but it can be a useful tool, especially for student office hours or for students who may be more comfortable asking questions via chat compared to by phone or video calls. In Canvas, there is a Chat tool available that functions as an instant messaging platform. The messages in chat are visible to the full class community and can be read in real time.

If you want to learn more: How do I use chat as an instructor?

#### **RESOURCES TO LEARN MORE**

## **General Tips for Teaching Online:**

- 1. <u>Tips and Tricks for Teaching in the Online Classroom:</u> Jim Harrison and J. Diane Martonis (*Faculty Focus*)
- 2. <u>Selecting the Appropriate Communication Tools for Your Online Course:</u> Rob Kelly (*Faculty Focus*)
- 3. <u>8 Lessons Learned from Teaching Online:</u> EDUCAUSE Research Library
- 4. How To Be a Better Online Teacher: Flower Darby (Chronicle of Higher Education)
- 5. <u>Teaching Effectively During Times of Disruption</u> Jenae Cohn (*Stanford University*)

# **Resources for Online Writing Instruction**

- 6. <u>Annotated Bibliography of Online Writing Instruction research</u> (compiled by Heidi Harris, 2019)
- 7. <u>Foundational Practices of Online Writing Instruction</u> (book); edited by Beth Hewett and Kevin DePew, 2015. Here are a few chapter highlights:
  - a. Grounding Principles of OWI: Beth Hewett
  - Asynchronous and Synchronous Modalities: Connie Mick and Geoffrey Middlebrook
  - c. Faculty Preparation for OWI: Lee-Ann Kastman Breuch
  - d. Preparing Students for OWI: Lisa Meloncon and Heidi Harris
- 8. <u>Personal, Accessible, Responsive, Strategic: Resources and Strategies for Online Writing Instructors</u> (book): Jessie Borgman and Casey McArdle, 2019

#### TECH TUTORIAL: GETTING STARTED WITH ZOOM AND CANVAS

This just includes a bit more detail! We will look into the steps to setup zoom.

#### **Step 1: Set up Zoom in Canvas**

We recommend using Canvas Zoom because it makes your meetings easier for students to find, adds meetings automatically to Canvas calendar, collects recordings centrally, etc.

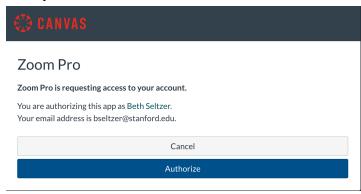
To set it up Zoom in Canvas, open your course (see this information from JCUITS to guide you through it). Click on "Zoom" on the white side menu.



#### Modules

If you don't see "Zoom" in your menu, go to Settings -> Navigation. Drag Zoom from the "Drag Items Here to Hide Them From Courses" section up to the Course Navigation section. Save and return to your homepage.

Once you see Zoom, click on it and authorize it to access your account.

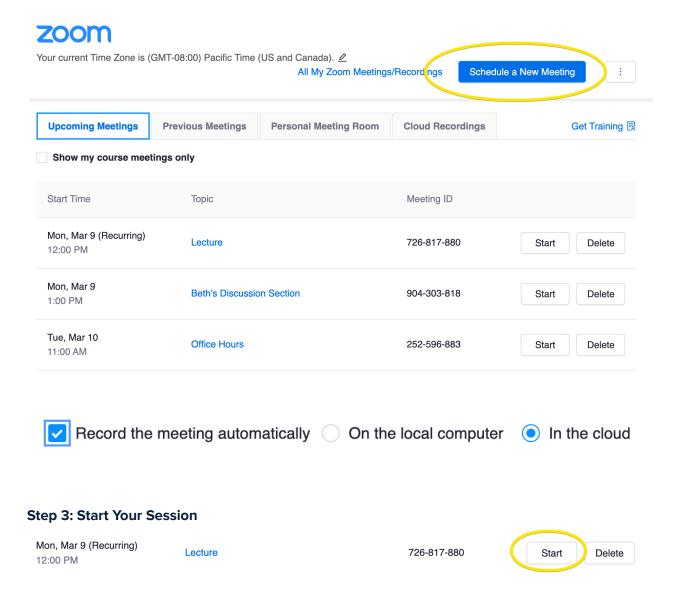


#### **Step 2: Schedule your class meetings**

"Schedule a New Meeting"

• Name meetings clearly to indicate lectures, discussion sections, office hours, etc.

- If a recurring class session, select "Recurring Meeting" while setting it up
- Select "Record Automatically" and "In the Cloud" if you would like classes to record and automatically upload to your Canvas site after recording (recommended)
- If creating this meeting for someone else or planning to have a moderator (recommended), **add Alternative Hosts**.



When it prompts you, allow it to open Zoom.



The first time, you might want to test your speaker and microphone before hitting "Join With Computer Audio."

#### Step 4: Check your video, sound, and configuration

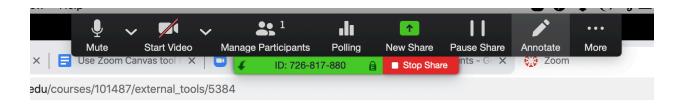
You'll see the following bar at the bottom of the screen. This is where you control different functions of the course.



- The left icons let you **Mute** and **Start Video** to control whether others can see or hear you. We recommend that you start your video to let students see your face.
- Manage Participants lets you see students, and, if necessary, mute them.
- Chat lets students post messages to you and to the course as a whole. It's especially useful for troubleshooting, so you might want to assign a moderator.

#### **Step 5: Share your slides**

You'll also see **Share Screen** on this bottom menu. When you launch this, you'll see options to share your whole desktop, a specific window, or a "whiteboard" you can draw on. (If you don't see your slides, try making sure they're open in the background, and try again.) Once you're presenting, a top menu will appear with more options, including Annotation and the ability to "Stop Share."



#### Step 6: Wrap up

When you're done, use the red "End Meeting" button on the bottom right.

If you recorded, your meeting will be uploaded within several hours to a day, depending on the length. You and your students can access the recording from Canvas -> Zoom -> Cloud Recordings Tab.

