Moving Course Content & Activities Online

Lectures

Transitioning Content & Activities Online
This is a quick-start guide to give you ideas about how to move different types of content delivery, learning activities and assessments online.

Lectures
Think about what might already be available:
- Text, Books, Websites, Journals etc.
- Images: Photos, Illustrations, Charts, Graphs
- Media: Video, Simulations, Podcast
- Khan Academy (click on "courses" for topic list)
- PhET Simulations (primarily science)

Remember, if the information is one-way, it can be completed outside of a Zoom session, in simpler terms, try to avoid lecturing during a synchronous session. Use that time to engage with students through discussion, Q & A, group work etc.

Need to record video? Think about the purpose.
- Solve an equation for video creation
- Summarizing points, asking questions
- Software demonstration, text analysis etc.
- Demonstration or on location

Check-Mark Pop-ups:

Solving Equations: Narrated Whiteboard
- On a tablet: Explain Everything EDU
- On a computer: Use the whiteboard option in Zoom or Studio

Summarizing points, asking questions: Narrated Slides
- Record audio on each slide or for the full presentation
- Use a screen capture software (Studio, Zoom, Snag-it) to record your screen

Software Demonstrations, text analysis etc: Screen Recordings
- Use a screen capture software (Studio, Zoom, Snag-it) to record your screen

Demonstrations or on location: Record Video
- Have someone record you or use a tripod
- Think about labs, landmarks, cities etc.
Discussions

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Lectures
Discussions
Labs
Group Work
Oral Presentations
Exams
Community Engaged Learning
Emory Resources

Created by Emory University CTDE, 2020

Discussions

Asynchronous: Online Discussion, Blog
- Allows students to participate with flexibility
- Gives them time to reflect on the question before posting
- These are often more robust with higher participation rates than in-class discussion
- If appropriate, have students include media (images, videos, websites)
- See Online Discussion Tips for some best practices

Synchronous: Zoom
- If you have a large class, consider using breakout rooms so that students all have a chance to participate in the discussion
- Students have their own Zoom account and could hold and record their own discussions and submit the video to you for your review
- Take lab accountability into account (Internet access, time zone etc.) before relying heavily on synchronous sessions for class discussion. Take a quick survey to find out how well this option would work for your class.

Labs

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Labs

Learning Techniques & Application
- Look for online simulations
  - PhET Simulations
  - LambdaSim
  - MERLOT Simulations

Interpreting Experimental Data
- Extract data-sets and ask students to interpret it
- Go step-by-step through an experiment asking questions that explore specific steps and results - use video to record and demo each step if you can!

Project-based Lab Research
- Have students interpret the data they have already gathered
- Have them predict their experimental outcomes and design the next experimental step in detail.

More: https://dli.emory.edu/learn-lab
Group work

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Group Work

Asynchronous:
- Discussion Boards
  ✓ Set up a board in Canvas for each group where they can chat, share files etc.
  ✓ This allows you to monitor their progress and provide feedback.
- Google Apps (Docs, Sheets, Slides, Forms)
  ✓ Monitor progress/iterations/contributions & provide ongoing feedback.

Synchronous:
- Zoom
  ✓ Students all have their own accounts and can hold meetings on their own
  ✓ Have them record their meeting and post it in Canvas to hold them accountable
- Other synchronous tools: Skype, Google Hangouts, facetime

Oral Presentations

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Oral Presentations

Asynchronous:
- Have students record and upload their presentations into Canvas
  ✓ Uploaded into a Discussion Board for everyone to view and give feedback
  ✓ Uploaded into an Assignment for instructor-only viewing and feedback
- Recording Options:
  ✓ Create a private Zoom session and record it
  ✓ Add audio to a PowerPoint or Keynote presentation
  ✓ Have a friend or family member record them

Synchronous:
- Have them give their presentation during a Zoom session
Exams

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Exams
- Rethink your assessment options
  - Rather than one final exam, create multiple shorter online quizzes
  - You are able to set date and time restrictions as necessary—
    you could use your designated class time for this purpose
  - Consider using a pool of questions and randomly pull different
    questions for each student and randomize the order
  - Give a take-home or open book exam
    - Time limits/window period of completion will still require that
      they know the material well to be successful
    - If they need to show work, set up the exam in Canvas as an
      Assignment or Quiz, have them do the work on paper then
      take a picture and upload the image to Canvas
  - Have them create a project to demonstrate their knowledge
  - Recorded presentation, video, story, analysis etc.

Synchronous:
- If absolutely necessary, students could take their exam during a
  Zoom session with their cameras on
- Randomizing questions and answers will reduce the ability to
  share answers

*note: we recommend trying to find an asynchronous option as much
as possible.

Community Engaged Learning

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Community Engaged Learning
- Think about how students can engage virtually with the community
  partner
  - What tasks can be performed from a distance?
  - Continue relationships and communication with community
    partners so that future student engagement can be as robust
    as possible

- Have students reflect on work accomplished in-person and re-
  orient their academic engagement with the community work
  - Have them create a blog
  - Set up a discussion board where they can share their
    experiences

- Ask students to read and analyze case studies of community-based
  work similar to the work they have been doing in the community

*Contact Vitali Plotnik-McIntyre for questions about
Community Engaged Learning at Emory.

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Emory Resources

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Emory Resources

Canvas – Supported by Teaching and Learning Technologies

- Setting up your Canvas site for remote teaching
- Training and Workshops
- Canvas Guides
- Tips
- Sign up for a Consultation
- email questions to classes@emory.edu

Zoom – Supported by ITS Messaging & Collaboration

- Getting Started – Guides & Support
- Tips and Tricks for Teaching with Zoom (from Emory College)

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