

## Branden's Zoom Teaching Demo I

- Some Basic Protocols/Etiquette
  - \* I start off every meeting with everyone's (but mine) **mics and videos off**. This avoids a lot of noise and saves bandwidth.
  - \* I leave the Chat window open throughout the session, and I have students **write any questions they have in the chat window**.
    - That avoids noise, and keeps a queue of questions that everyone can track. I repeat the questions out loud, so they are recorded. But, in this way, **no audio or video of students gets recorded**.
  - \* **I'm recording this right now. By following these protocols, only my voice & the slides I'm sharing w/students are recorded.**
- These slides are at: [http://fitelson.org/zoom\\_demo.pdf](http://fitelson.org/zoom_demo.pdf)
- And, my scribbles (*i.e.*, my freehand Illustrator notes) will be at:  
[http://fitelson.org/scribbles\\_zoom\\_demo.pdf](http://fitelson.org/scribbles_zoom_demo.pdf)

## Branden's Zoom Teaching Demo II

- My Hardware & Software Setup (links in the posted PDF slides)
  - **Hardware**
    - \* [Macbook Pro](#) (any relatively recent laptop w/camera should work)
    - \* [Wacom Intuous M Bluetooth Tablet](#) (\$199)
    - \* [BeatsX Wireless Earphones w/mic](#) (\$84). Any headset w/mic works.
  - **Software**
    - \* [Zoom Pro](#) (\$150 annual fee). But many schools have licenses.
    - \* [L<sup>A</sup>T<sub>E</sub>X](#) + [BEAMER](#) (free). But, Powerpoint, *etc.*, should work.
    - \* [Adobe Acrobat DC](#). But, any good PDF viewer should work.
    - \* [Adobe Illustrator](#). But, any good drawing program should work.
      - Note: there are advantages to using Adobe's [Creative Cloud](#) suite (*i.e.*, Acrobat + Illustrator). They work very well together (as we'll see).
    - \* I also use [Mathematica](#) & [MacLogic](#) in my logic teaching. But, I will not be using these today. Those would require their own tutorials (I'll probably make those someday, but not until this term is over).

## Branden's Zoom Teaching Demo III

- I also use [ScreenFlow](#) to capture entire computer sessions (including what Zoom meetings look like — from *my* perspective).
- The video I will post for this demo will contain (a) a 2-minute pre-amble (recorded with ScreenFlow), which shows me running Zoom, starting the meeting, and opening the demo files; and, then (b) this Zoom meeting (recorded with Zoom — showing how things look from *your* POV).
- OK, so that's the mechanics of what's happening with my basic equipment. Now, let me demo some features of other software I use.
- One reason I use Acrobat is because [PDF format](#) is a universal format that looks the same on every platform (it embeds all fonts, *etc.*).
- Another reason is that it plays very well with Illustrator.
- *E.g.*, it allows you to copy snapshots of parts of your slides, and paste them into Illustrator, where you can incorporate them into “scribbles”.

## Branden's Zoom Teaching Demo IV

- I have a blank “scribbles” template (*viz.*, a blank Illustrator file), which contains 45 empty virtual whiteboards.
- I use these whiteboards with Illustrator for all handwritten notes in the session. For instance, suppose I have a table or something that I want to grab and bring into Illustrator. Like this truth-table for  $\rightarrow$ .

$p$	$q$	$p \rightarrow q$
T	T	T
T	$\perp$	$\perp$
$\perp$	T	T
$\perp$	$\perp$	T

- I can take a snapshot of this in Acrobat, and paste/incorporate it into a whiteboard of my Illustrator file (then do any drawing *etc.* I want).
- Once I'm done with a lecture, I post my “scribbles” from that day to my course website (along with my slides). See, for instance:

<http://fitelson.org/logic/materials.html>

## Branden's Zoom Teaching Demo V

- Some helpful YouTube videos (there are *many* — so look around!):
  - [Basic Zoom Tutorial](#)
  - [How to Use Zoom for Online Course Videos](#)
  - [Complete Beginners Guide to Adobe Illustrator CC](#)
  - [Adobe Acrobat Workshop](#)
  - [Teaching with Graphics Tablets](#)