



PoCS

Principles of
Complex Systems
@pocsvox

What's the Story?

Principles of Complex Systems

CSYS/MATH 300; Deliverator: Prof. Peter Dodds
Tuesday and Thursday, 1:00 pm to 2:15 pm in 300 Perkins
@pocsvox #FallPoCS2014

Pre-lecture:

- Charge all batteries, battery packs, iPods.
- Check space on laptop.
- Test ScreenFlow is healthy beforehand.
- Reboot laptop if in any doubt.
- Put iPods on airplane mode to prevent interruptions.
- Make sure auto off is switched to never.

Cameras:

- Set up (old) Swivl with two iPods and Garmin.
- Make sure Swivl and all cameras have battery packs on.
- Maybe: Set up iPod recording above overhead projector surface along with paper and pencil. Use tripod with horizontal extension for this.
- Make sure iPods focus okay and (probably) engage AE/AF lock on all by holding until yellow square flashes.

Laptop connections:

- Connect screen via Thunderbolt.
- Connect ethernet directly via Thunderbolt.
- Connect pager via USB.
- Connect sound via USB Logitech adaptor.

Wireless headphones:

- Make sure both units are on and powered up.
- Make sure connection to laptop is working (test in ScreenFlow).

ScreenFlow:

- Select New Recording (Command-N).
- Record from Wireless Microphone (not the built-in microphone) (Test).
- Record from Internal Speakers (to capture video sound).

Slides:

- Use acroread for projection. Use Preview for preparation. Acroread is not great otherwise but essential for presentations (video won't run or stream in Preview for example).
- Set the size to the largest possible. Default may be something horrible like 800x600.

Apparatus:

- Goggles.
- Pointing implements (soup ladle, tongs, etc.).

Start:

- Start all cameras at the same time OR using a timer.
- Clap a few times for sync purposes..
- Press go on ScreenFlow.

End:

- Stop video recording.
- Command-Shift-2 to stop ScreenFlow
- Save as
YYYY-MM-DD[course-acronym]-lecture[NN].
(NN = lecture number)

Set up for editing:

- Copy screen recording into new ScreenFlow 1080HD document based on course template named YYYY-MM-DD[course-acronym]-lecture[NN]-HD.
- Use iExplorer to copy iPod videos into a folder and then into ScreenFlow. (Must be a way to import directly but this works reliably.)

Inventory checklist: