

A stylized graphic of flames in shades of orange, yellow, and red, located in the bottom-left corner of the slide.

# ***HOT*** Classroom:

## **Iterations on Equipping a Here-or-There Instructional Space**

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[tinyurl.com/hotclass](https://tinyurl.com/hotclass)



# HOT: Components

- Web conference (ie, Collaborate)
- Displays (ie, TV/projector/smartboard)
- Audio mixer
  - Room-based audio (mic/s and speakers)
  - Instructor microphone
- Instructor-tracking camera
- Facilitation acumen - 2 audiences



# HOT: Equipment

## Pilot Equipment

- Swivl “robot”, shelf
- HDMI Hub
- USB Hub
  - USB HD Webcam
  - USB Conference Microphone
  - USB Audio Adapter





# HOT: Equipment Cost

Quoted Equipment

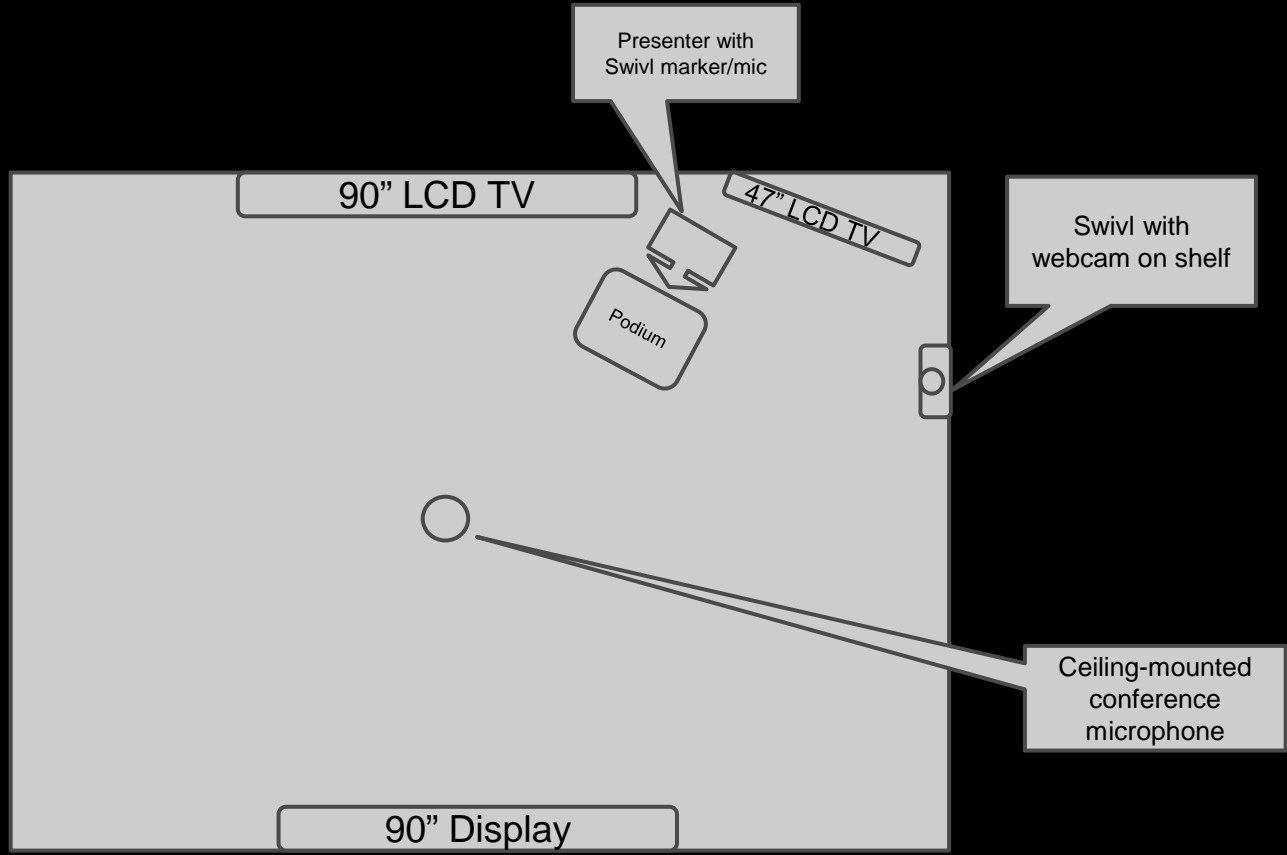
\$70,000

Alternative HOT Equipment

\$1,200

(Displays/projection excluded)

<a href="#">Swivl</a>	399.00	<a href="#">swivl.com</a>
Yamaha PJP-25UR Mobile/Office USB Audio Conference Microphone and Speaker	616.82	Amazon
<a href="#">Logitech HD Pro Webcam C920, 1080p</a>	63.74	Amazon
Pyle-Pro PAD10MXU 2 Channel Mini Mixer With USB Audio Interface	43.11	Amazon
<a href="#">eForCity Camera Quick Release Plate Adapter Set</a>	12.99	Amazon
2 x RCA Male, 1 x 3.5mm Stereo Female, Y-Cable 6-Inch	1.59	Amazon
Headphone Adapter Stereo Gold Plug 1/4-Inch (6.3mm) Male to 1/8-Inch (3.5mm) Female	1.33	Amazon
Syba SD-CM-UAUD USB Stereo Audio Adapter, C-Media <a href="#">Chipset</a> , <a href="#">RoHS</a>	8.31	Amazon
Taylor Cable 38100 Black Convolted Tubing	8.99	Amazon
<a href="#">D-Link Hi-Speed USB 2.0 7-Port Powered Hub (DUB-H7)</a>	29.49	Amazon
<a href="#">Mediabridge USB 2.0 - Micro-USB to USB Cable (6 Feet) - High-Speed A Male to Micro B</a>	5.99	Amazon
<a href="#">AmazonBasics 67-Inch Monopod</a>	16.99	Amazon
Total	1208.35	





# HOT: Pilot Findings

- 2nd Swivl “marker” insufficient
  - Room-based audio required
  - “Pass the mic” doesn’t work
- Swivl requires AC (vs. USB power)
- USB Hub requires AC power
- Facilitation training is paramount
  - Moderating online-only is prerequisite





# HOT: Continued Revisions

- Monopod replaced by shelf
- Swivl power via USB fast-charging port
- USB hub withOUT an on/off switch
- USB hub inhibits peripheral recognition
- HDMI cable quality
- Yamaha microphone AC cord (vs. USB)
- Sound via HDMI + VGA complication
- Placement of monitors to view Chat



# Plans

- Live pilot summer 2012
- Equipment vs. Facilitator for online group
  - 2 instructors
  - mitigates equipment issues
- Replicate in two new classrooms

Share pictures from

# Mahalo

*Nui loa*



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