iTeach: Using Tablet Computers in the Classroom

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Replacing laptop with iPad in classroom

JPNS 202 and 302 (4th and 6th semester)

Goals:

1) Using iPad replacing laptop in class
2) Students write what is discussed in small groups
   → project to a screen to share in class

Comments:

→Connection and cable issues – Apple TV?–cost?

→Two way interaction in classroom, between an instructor and students needed

→Allow students access to the projector

→Hand writing instead of typing in Japanese

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Comparison NoteTakerHD vs. Notability

Used to capture handwriting in class,
then export PDF transcripts for posting.
Transcript output is letter-size (not continuous page).
Both rely on zoom window for input, offer different line colors, organize files in folders, are cheap, and good.

NoteTakerHD:

- Different line widths
- Only one page displayed – students might not see bottom of page, since at bottom of screen.
- More material fits on screen, since students do not see zoom window.

Notabiliy:
Each line automatically formatted
Continuous page displayed – students can see bottom of text, since it can be moved.
Can tape voice-over along with writing.

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Comparison of Penultimate and Notability Apps

Penultimate (Ever Note)

Pros:

- Free app
- Highly recommended in the reviews
- For a first time user, it was good

Cons

- Did not like my writing
- Lost my old notes when there was upgrade – do not know whether this happened to anyone else

Notability

Pros:

- Penmanship is better (I think)
- Able to copy, paste, type, insert in the same file
- Zoom
- Able to create multiple subjects folder

Cons:

- Not found one yet

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Screen-Capture Movies

- Goal: pair recorded audio and screencasted lectures to create lecture videos, Khan academy-style
  - Help with hybridization
  - Ideal for snow days and flipped classroom
- No current one-device solution to creating videos exists
  - There are solutions using two devices:
    - Encode movies later through Notability and a screen capture program (takes too long)
    - AirServer or other similar programs (promising; will try it in future terms).

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Creating Notes Shells for Lectures

- Problems
  - Students struggle to take notes and understand new concepts in math classes (especially lower level)
  - Students get much more out of lecture if it is not their first exposure to the material
- Solution
  - Create “notes shells” with problems that will be solved in class
  - Students have a chance to see problems (and try them) before lecture
  - Students can focus on solutions and method since they have less to write down
- Apps and tools used
  - Notability, Wolfram-Alpha, ebook, TeX editor

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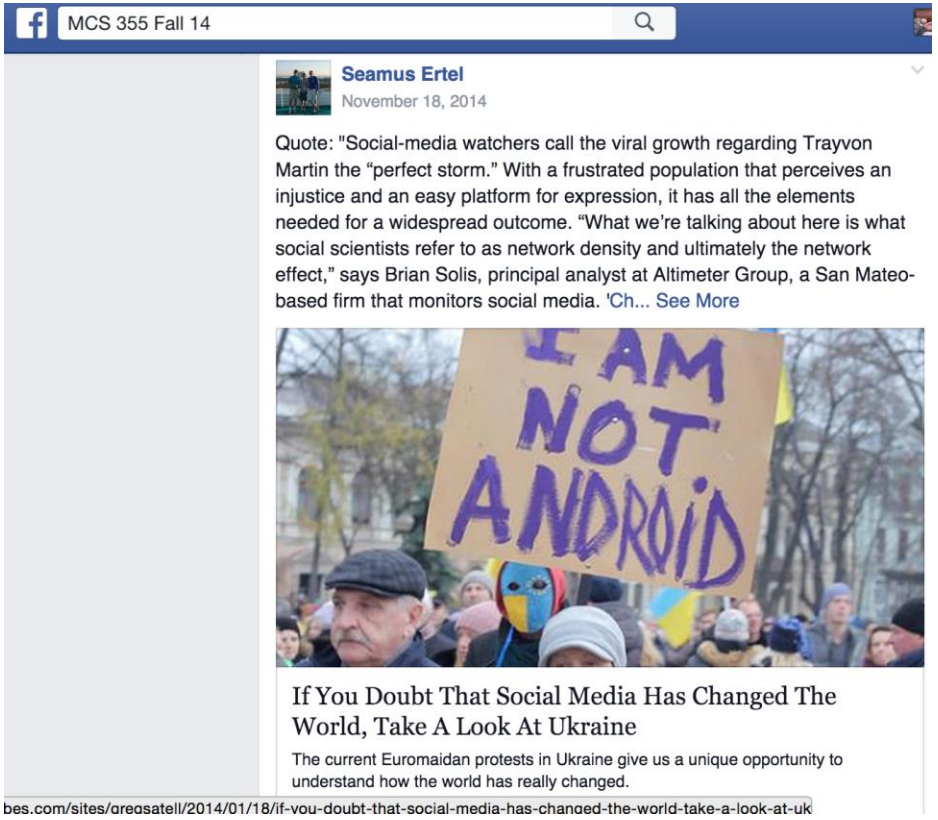
Using Facebook Groups to Encourage Students to Connect Course Readings to their Lives and Interests and iPads to Structure Discussion

- Post identifies quote from course reading
- Student analyzes quote and connects it to information available online
- iPad presentation structures course discussion and encourages student interaction



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Using Collaborate Online and Face-2-Face to Make Team-based Decisions

Why do teams in team-based projects make more and better decisions when face-2-face?

- Courses are for certified teachers in K-12 classrooms
- Need to assist teachers with using ipads in their classes
- Teachers don't seem to utilize Collaborate during online class sessions to make progress on team projects
- Using Collaborate in the online and face-2-face class sessions and then reflect on what is happening in terms of group dynamics may assist them in better group discussions and group work in the online classroom

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Bridging Discussion and Presentation in Feminist Theory

Class Preparation Assignments

Small Group Discussion

Large Group Presentation

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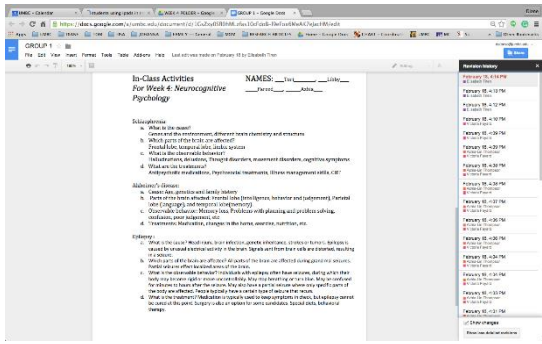
Using GoogleDocs on Tablets to Promote Group Writing

- Goal: To promote strong writing skills & to get students working in groups.
- Questions to consider:
  - How to encourage group writing while in the classroom?
    - What platform(s) to use? How to limit social loafing?
  - How to use group writing immediately and effectively?
    - What are ways to provide feedback and display examples to others in real-time?
- Recommendation: **Use GoogleDocs on Tablets.**
  - GoogleDocs provide platforms for group writing.
  - Tablets are portable devices students can use to access GoogleDocs.
  - Documents can easily be collected and displayed in real-time.