

Giving Students More Effective Feedback Using Electronic Mechanisms

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Advantages of Electronic Student Work

May allow for more **immediate** feedback

May allow for more **effective** feedback


Greatly **simplifies collaboration**

Provides a permanent **record**

Much easier to **organize**, search

No papers to carry around

May save paper

– but technology can be **cumbersome** 

Hardware

Wacom Intuos Art Pen and Touch

Medium size

Digitizer tablet that provides pen (and touch) input to computer

Can be connected to any computer

\$200



Typing or Inking in Word

Use standard comments and “Track Changes” in “Review” tab

Digitizer allows you to ink corrections and comments instead of typing them

Useful for:

- Grading papers
- Grading lab reports

Inking with Audio in PowerPoint

Scan exams to digitize, then export from PDF to PowerPoint

Use Office Mix add-in for PowerPoint

- Allows inking and audio to be synchronized
- Removes any thought of or reference to video editing
- Video is also possible

Video-like media viewed by students on web

Useful for:

- Grading exams



Grading in Student's Presence

I have staggered homework turn-in times to allow 5-15 minute block per student

I grade their assignment in front of them

There is no easier way to provide effective feedback

Useful for:

- Grading assignments

Inking Live in PowerPoint

Digitizer can be used to ink slides live during lecture

Useful for:

- Lecture

Cloud-based Collaboration through OneDrive

Connected to TLU account on Office 365 – www.office365.com

Tightly linked with MS Office

- Full fidelity
- Full power of desktop office applications
- Browser-based option

Allows real-time collaboration

Removes need to pass files back and forth

Physics department uses:

- Senior seminar
- Reports for advanced labs

