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 for Inking on Documents

* 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

[mix.office.com](https://mix.office.com/)

* + 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

* Staggered homework turn-in times to allow 5-15 minute block per student
* Grade student’s assignments in front of them
* 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

## Berkas:<strong>OneDrive</strong>.png - Wikipedia bahasa Indonesia, ensiklopedia bebasCloud-based Collaboration through OneDrive

* Connected to TLU account on Office 365
* Tightly linked with MS Office
  + Full fidelity

[www.office365.com](http://www.office365.com/)

* + Full power of desktop office applications
  + Browser-based option
* Allows real-time collaboration
* Removes need to pass files back and forth
* Physics department uses are for senior seminar and reports for advanced labs