The Tablet PC in the Classroom:
Introduction

Steven C. Myers, Tablet PC Evangelist

A CELT Interactive Workshop,

The University of Akron, April 7, 2008

10:30 AM – 11:30 AM

SU 310

Laptop = Tablet PC - Pen
Tablet PC = Laptop + Pen

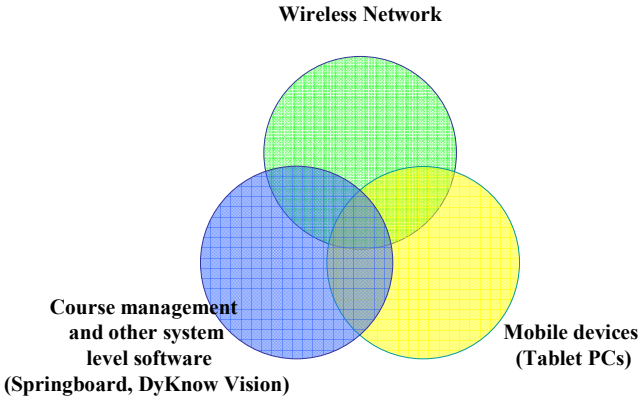
Everything that runs on a laptop, runs on a Tablet PC.

Add a pen to your laptop and watch your productivity soar.

Objectives of this Workshop

- Using the Tablet PC as a Whiteboard
- Inking in various applications
- Electronic Grading and Markup
  - Bluebeam Revu
- Managing your workflow
- Join UAdig discussions

Three Key Components of a
Mobile Learning Technology Environment



Claim: Mobile learning technology use will

- Yield improvements in student learning and engagement
- Increase the Efficiency of Instructor Time Spent on Instruction

Three Level Assessment

The Tablet PC …

1. Supports greater efficiency, but does not change the curriculum.
2. Changes the curriculum and invigorate teaching and learning, but this could have happened without the Tablet PC.
3. Change the curriculum with an impact that can only be achieved with Tablet PCs.

GoZips.UAkron.edu/~myers/UAdig

UAdig The University of Akron Digital Ink Group

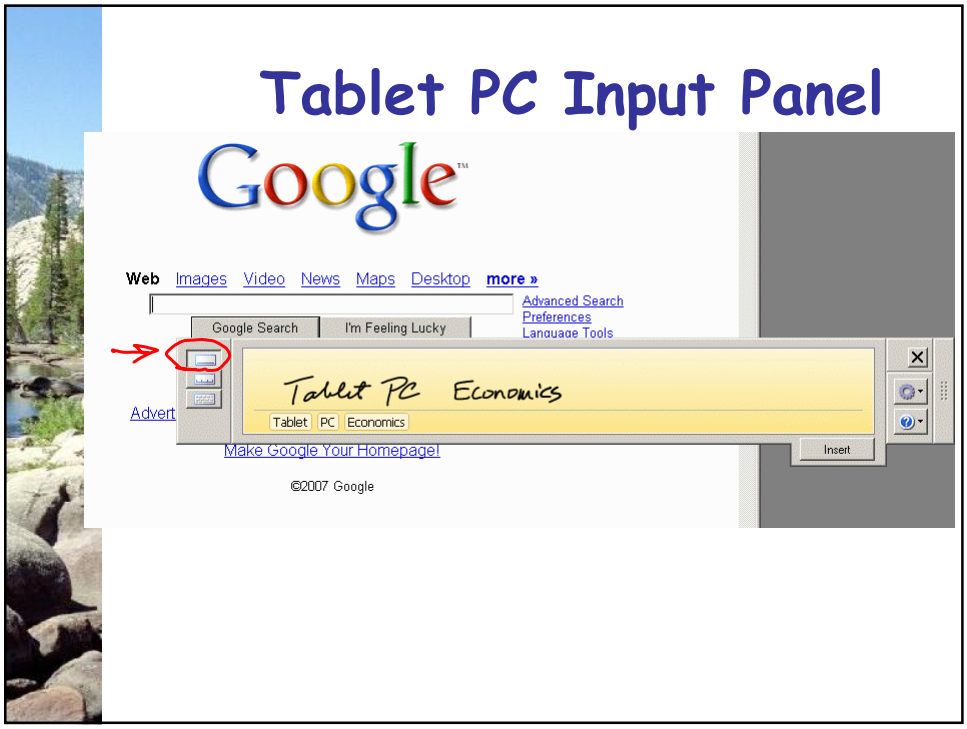
Welcome to The University of Akron Digital Ink Group:

Mission: To constantly explore the use of technology in the teaching and learning process, to support by conversation the innovators and early adopters of classroom technology especially in the new arena of Digital Ink Technology.

Who can join: Any faculty or staff member involved in the teaching and learning process who will contribute to the conversation about the uses of innovative classroom technology. Also students who are interested or participants.

How to join: There is an email discussion list for this group called UAdig@lists.uakron.edu.

Why Bluebeam?
Bluebeam PDF Revu was designed to make your life easier with simple PDF creation, markup and editing features. When using Bluebeam you will soon come to realize the ease of use and functionality provided with our software. Bluebeam PDF Revu integrates with MS Office programs for one button file creation and includes the Bluebeam PDF printer to create a PDF from just about anything!
Revu
Bluebeam's professional PDF markup, PDF editing and PDF viewing software. More info
Features
PDF creation from any Windows or CAD application
PDF markup, PDF editing, and PDF viewing with Revu
Adds Bluebeam buttons to MS Office toolbars for one click conversion
Creates PDF booklets with Bluebeam Stapler
Conversion to nine other formats including TIFF, JPEG, Bitmap, GIF, PNG, PSD, EMF, WMF and PCL
Special predefined settings for top CAD applications
Adds Bluebeam buttons to AutoCAD LT toolbar
PDF security and digital signatures
File attachments
PDF Editing
PDF Editing saves time by allowing you to change the PDF without recreating it from the original file. Easily edit the PDF by adding or deleting text, customizing the font and font color, changing the layout and more. PDF Page Editing gives you the ability to add blank pages, delete, extract and rotate pages as well as copy and paste true text from your PDF into Word and other MS Office files.
PDF Markup
Included with the Bluebeam PDF creation software is Revu for PDF markup and editing. Bluebeam PDF Revu is redesigned to be incredibly easy to use. Within Revu, you will find an extensive list of markup tools including a pen, highlighter, typewriter, text box, symbols, images and stamps to customize your PDF. Included with this helpful application is the option to save frequently used tools in "My Tools" for easy access and quick marking up. Also, each PDF created using Bluebeam follows the PDF standard and is readable from any PDF viewer accommodating you and your affiliates.
Bluebeam Stapler
The Bluebeam Stapler is a stand-alone program that effortlessly binds many different types of documents. With Stapler you can combine a number of different files ranging from Office
One-Button Creation
After installation, Bluebeam will integrate into your MS Office programs (Word, Excel and PowerPoint) and install three buttons at the top of your Office interface. With the click of a button, your PDF is created. Bluebeam PDF Revu will open the PDF so you can view it, add markups, edit and so much more. More info
Tablet PC
Bluebeam includes features specifically designed for Tablet OS users who are looking for a quick way to review and annotate PDF files with the ease of their Tablet pen. More info
Digital Signatures
Create digital signature fields, certify documents and add digital signatures to PDF files. Bluebeam's intelligent technology can detect if the file has been altered after being signed so you can send your secure documents with peace of mind.
Bookmarks and File Attachments
Advanced PDF features in Revu allow you to customize your PDF to create a polished document. Bookmarks can link to PDF pages, hyperlinks, separate files or an


Tablet PC Input Panel
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Make Google Your Homepage!
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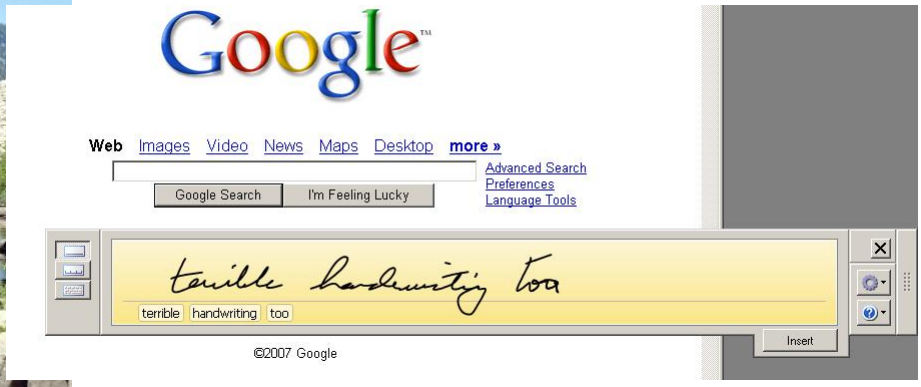
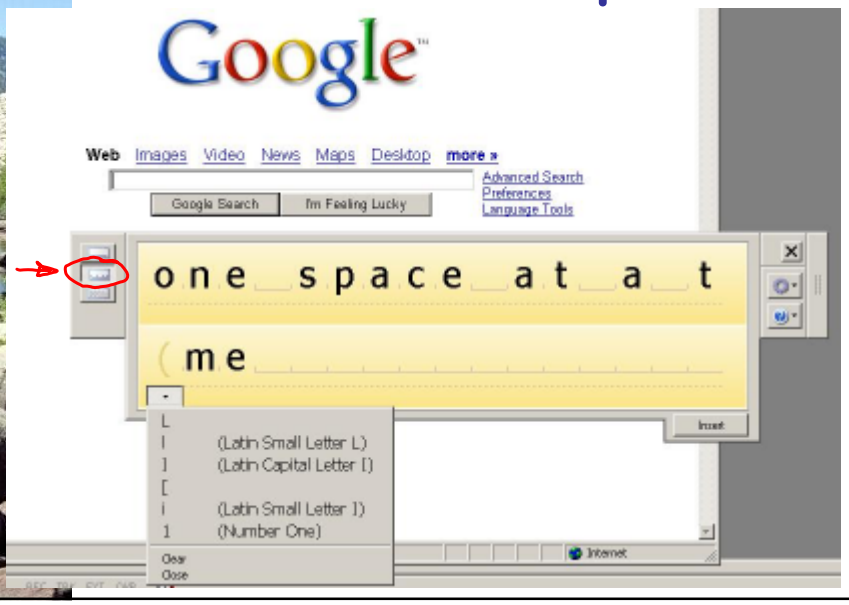
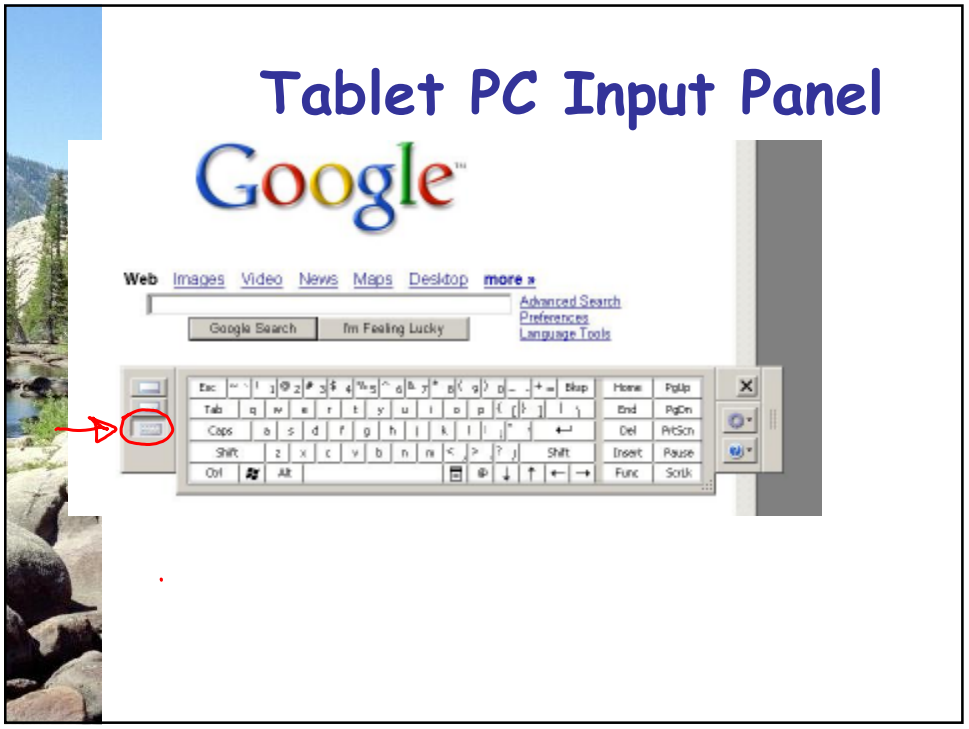


Tablet PC Input Panel





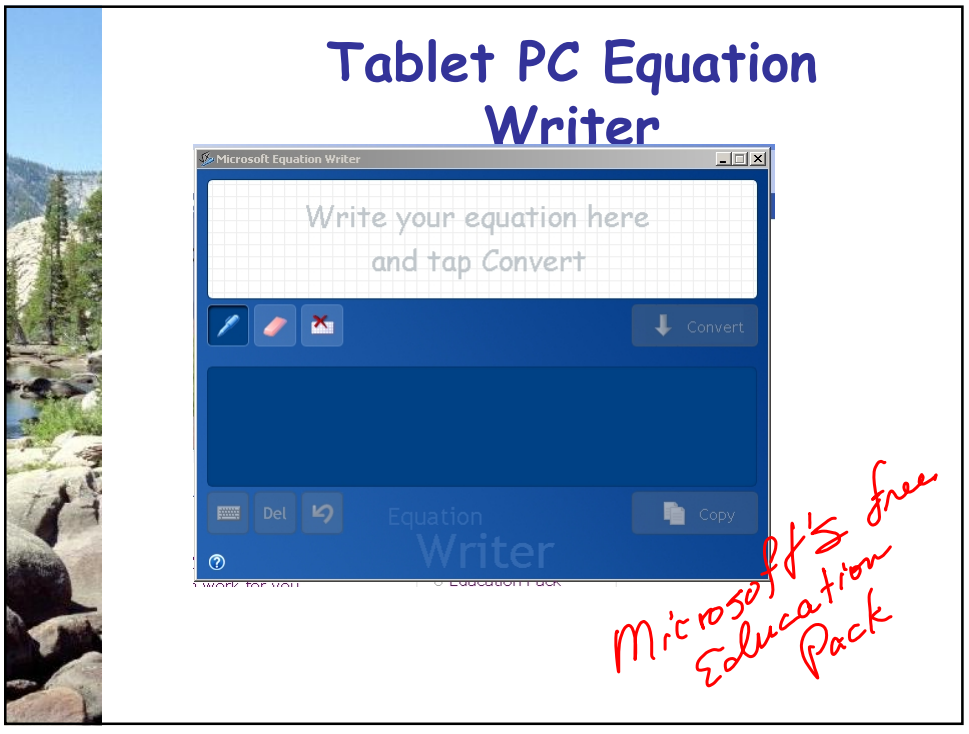
Tablet PC Input Panel

Google

Web Images Video News Maps Desktop more »

Advanced Search
Preferences
Language Tools

Google Search I'm Feeling Lucky



Tablet PC Equation Writer

Microsoft Equation Writer

Write your equation here
and tap Convert

Convert

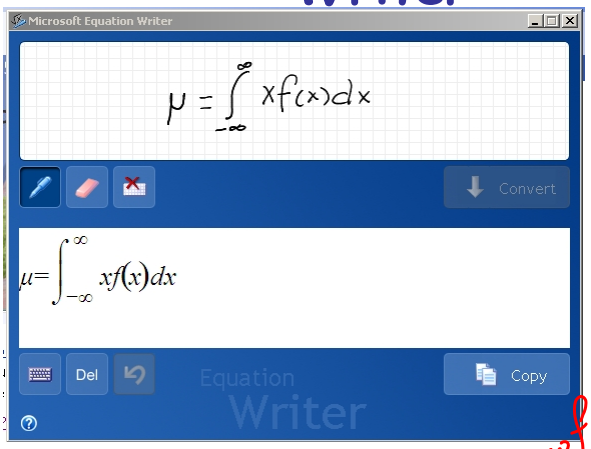
Del

Equation Writer

Copy

Microsoft's free Education Pack

Tablet PC Equation Writer



Microsoft's free Education Pack

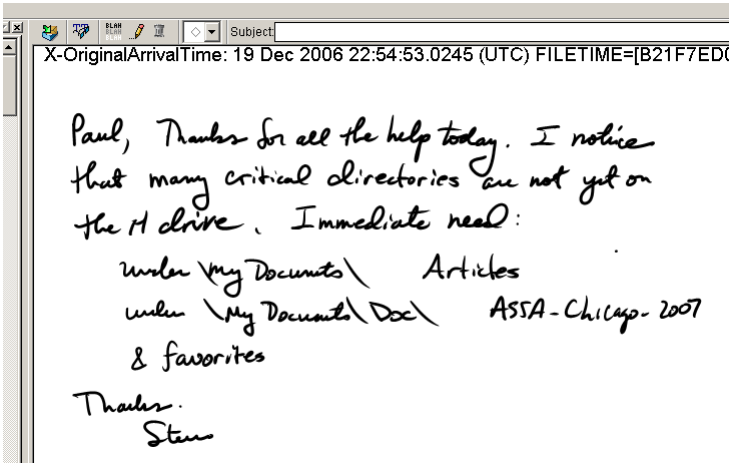
Mobile Learning Presentations

Mobile learning technologies enhance presentations by allowing presenter to annotate simply and easily.

Three most common presentation tools:

- Digital Ink in PowerPoint Presentation
- Digital Ink in Microsoft Office Suite (Word, Excel, Outlook)
- Microsoft Journal

Use Ink in Email (outlook)



Demo of Journal

Journal files *.jnt

- Can be created from the blank page

Or

- You can ‘print’ to journal from any application.

Demo of Bluebeam Revu

- Open
- 'print to'
- 'send to'
- Icons installed in office
- Use a blank page

Steps of Electronic Grading

- Student submits (hand written)
  - Scanned
  - Faxed
  - Digital server / copier
  - Or from their Tablet PC
- Instructor receives
- Instructor marks up
- Instructor returns to student

Steps of Electronic Grading

- Student submits
- Instructor receives
  - Save in preferred marking format
  - Using naming convention
- Instructor marks up
  - Uses Journal or preferred pgm
  - Saves to PDF and return
- Instructor returns to student

Electronic Markup of a quiz

The University of Akron
Department of Economics
Statistics for Econometrics, Dr. Myers
Pop Quiz

Name ___
UAnetID_

October 9, 2006

1. Tell why the following is or is not a pdf?

x	f(x)
0	0
1	.1
2	.2
3	.3
4	.4

because it meets postulates of probability $0 \le f(x) \le 1$ and $\sum f(x) = 1$

5

The chart is a probability density function because it lists the values of f(x) for each value of x, thus fitting the definition of a pdf.

not enough.

Electronic Markup using a rubric

COMPUTER HOMEWORK SET # 7
FINAL COMPUTER PROJECT rubric
Hypothesis Testing of Wage Differences this time in Regression
3250:626 Statistics for Econometrics

Name [redacted]	UAnetID [redacted]	n= 5000	wage gap= .30	%disc = 5.7

Deliverables: (1) **chw7_UAnetID_2005.doc** and (2) **chw7_UAnetID_2005.sas**	✓ 10
Overall look and feel of a "*professional report* including the standard headings of such a report." "Those headings may include an abstract, introduction, theoretical overview, literature review, methodology, data, results and summary."	10
It should carry a title, your name, class and date, followed by an abstract or executive summary of the results.	10
"Your ***abstract*** must include enough information that a reader knows ***what you have done*** and ***found***."	8
Statement of the Problem and either a Research Statement or better a Research hypothesis	7
A section on your research design, that is, how you intend to solve the problem. This section should also discuss how you would analyze, that	9

Responding to students – FAQ creation

Steven C. Myers
Department of Economics

Podcasting and More:
Frequently Asked Questions and Information Page

Try this one

My personal homepage is here
My Scholarship of Teaching and Research is here.

Contact me:
(330) 972-7421

myers@uakron.edu

Economics Department

General FAQs

How do I find the online textbook for the course? (html) (MS word)

Can you show me the course design? (jpeg file)

Logging on to your class in WebCT (pdf file)

What was that page that was displayed after my learning assessment was submitted? Can I see it again? (html)

Do the quizzes ever get more "straight forward?" (pdf)

Micro FAQs

How do I calculate the slope of a curved line? (pdf)

Help with Comparative Advantage versus Absolute Advantage. [includes quiz question (pdf)]

Surplus and shortages: why does the lower quantity rule? (pdf)

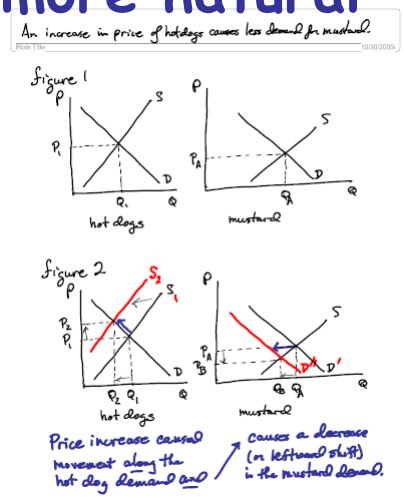
What happens when both demand and supply change? [includes exercise worksheet (pdf)]

Compliments in consumption: Why does an increase in the price of hot dogs cause less demand for mustard? (pdf)

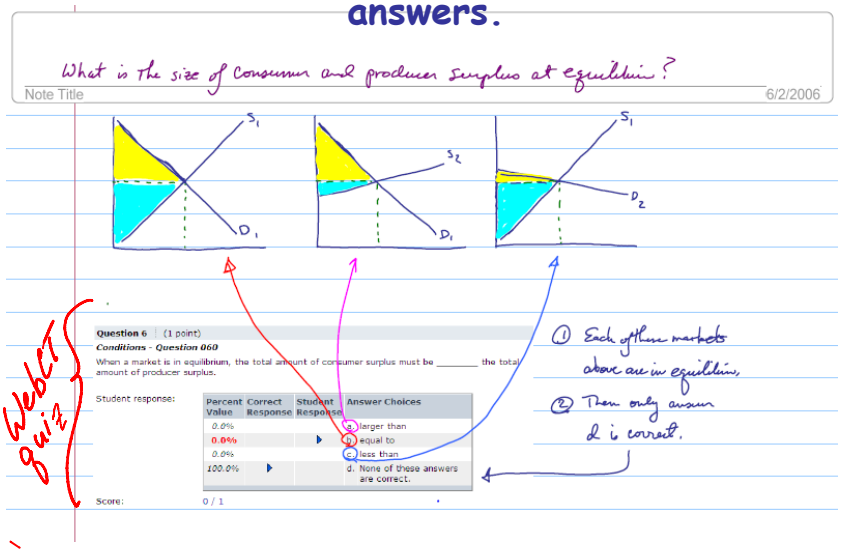
Substitutes in consumption: Pepsi and Coke. (pdf)

Responding to students is much more natural

- Written on Tablet Using MS Journal
- Saved as Adobe Acrobat pdf file
- Posted or returned to students



Responding to students – snipping a question and explaining the answers.



Responding to students

THE UNIVERSITY OF AKRON
Office of the University Registrar

REGISTRATION/SCHEDULE ADJUSTMENT FORM

ADD CLASSES:

Class Number	Course No.	Course Title	Credit Hours	Special Grading Option	Beginning Meeting Dates	Instructor Dept. Designee's Signature	Override	Date
75201	3400 492 001	Honors Project					1	

Actual & Digital Signature

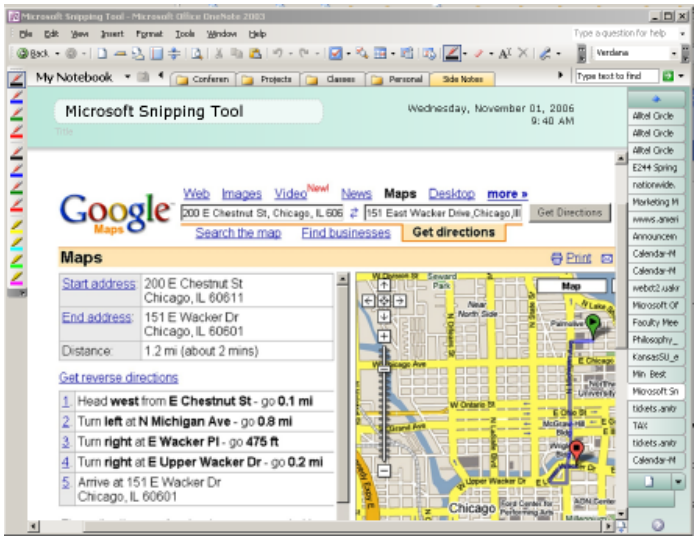
DROP CLASSES:

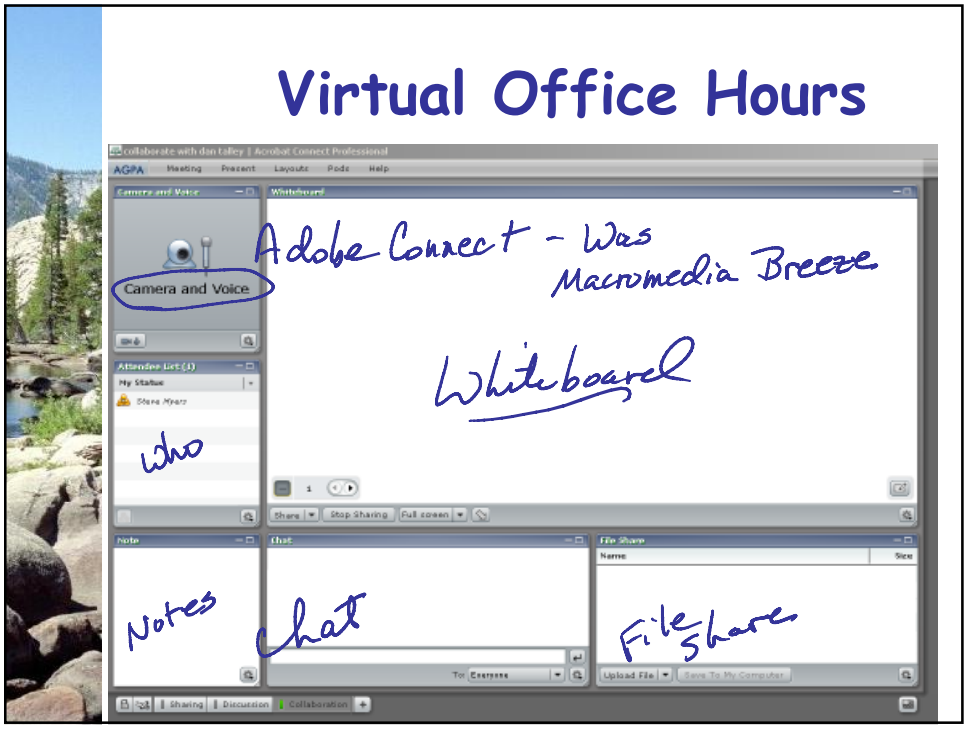
Class Number	Course No.	Course Title	Instructor/Dept. Designee's Signature	Date
75201	3400 492 001	Honors Project		
10774	3250 600 001	Economics	Dr. Steven C. Myers	3/15/06

The University of Akron
Office of the University Registrar

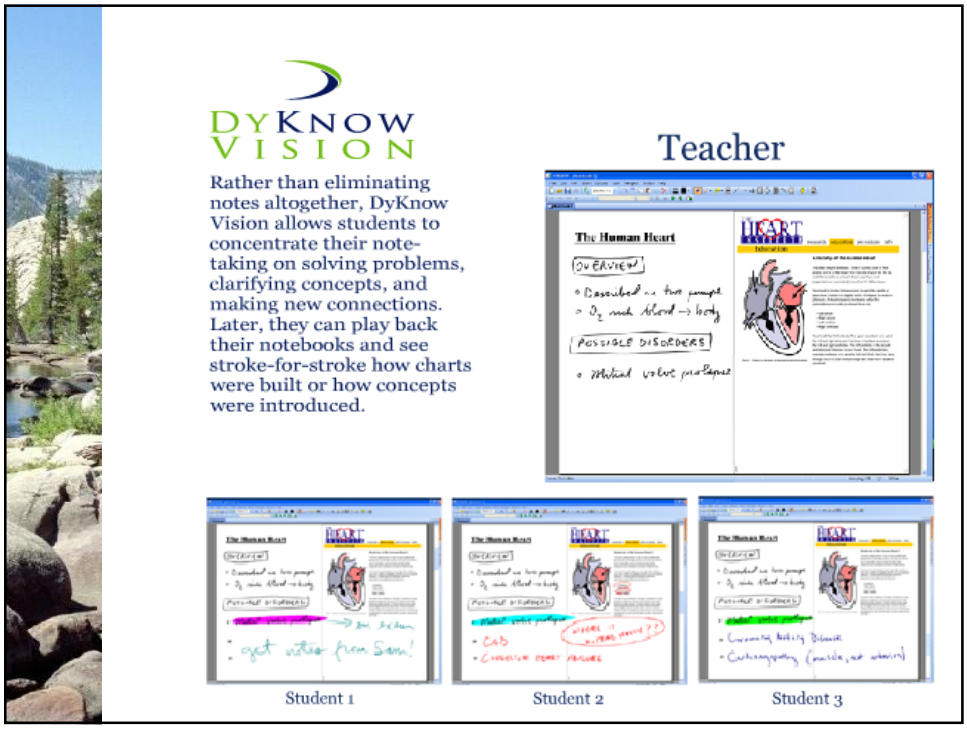
OFFICE USE ONLY

Microsoft One Note





Virtual Office Hours



DyKnow Vision

Rather than eliminating notes altogether, DyKnow Vision allows students to concentrate their note-taking on solving problems, clarifying concepts, and making new connections. Later, they can play back their notebooks and see stroke-for-stroke how charts were built or how concepts were introduced.

Teacher

Student 1

Student 2

Student 3

The Tablet PC in the Classroom -- Introduction

myers@uakron.edu
http://learnecon.blogspot.com

Thank you.