

Visual and Video Media

Presentation Resources: apsu.edu/smythe/presentations.htm

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Camtasia



Abstract

An assortment of visual and video media software and hardware tools for the PC will be showcased, including Camtasia Studio (a video recording and editing software), SnagIt (an screen-capturing software), Wimba Classroom (an online lecturing environment for both live and archived lectures), YouTube and TeacherTube (free online video hosting sites), SMART boards (an interactive, electronic whiteboard), and the tablet PC (a laptop computer that will allow you to write on the screen, highlighting images, working out problems, and so on). Attendees will learn how to embed images and video into their course content, including webpages, MS Word and MS PowerPoint files. We will also learn how to use the tablet PC, SMART boards, and Wimba to create online lecture videos that closely simulate what students see in the classroom.

Objectives

Through this session, participants will learn:

1. What tools are available and what they will do,
2. The very basics of how to use these tools, and
3. How to easily incorporate the products of these tools (images and video) into online courses.



Tool: Snagit 10

Purpose: Screen Image Capturing Software

Cost: Free 30-Day Trial; \$37.95 education pricing with bulk discounts

Features:
Capture

1. Capture images from web
2. Record screen
3. Capture scrolling window
4. Capture web pages with links
5. Capture region



Edit – Draw

6. Select parts to move or delete (dashed lines)

7. Insert lines, arrows, text, highlighting, circles and squares, stamps, and erase

Edit – Image & Other

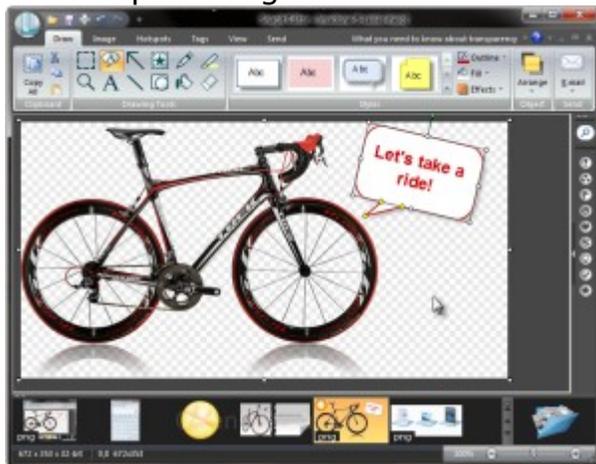
8. Choose from dozens of preset image style combinations or customize your own

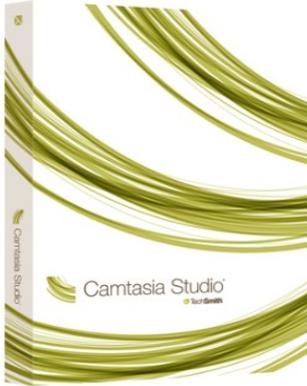
9. Spotlight and magnify

10. Tag

11. Send to Word, Email, PowerPoint, et cetera

Free Alternative: Jing





Tool: Camtasia Studio 7

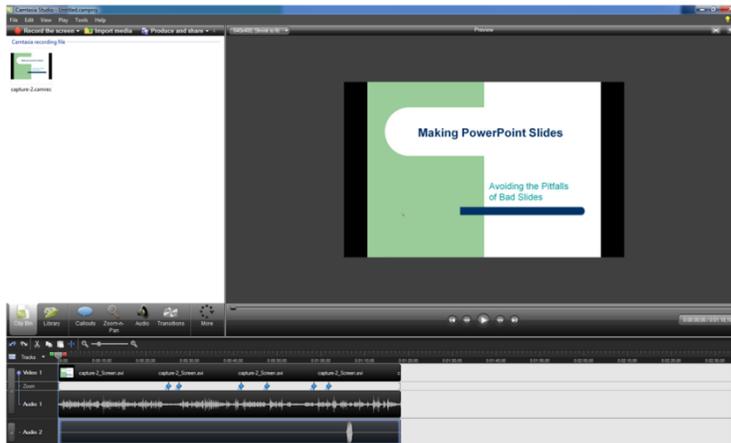
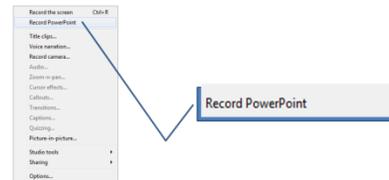
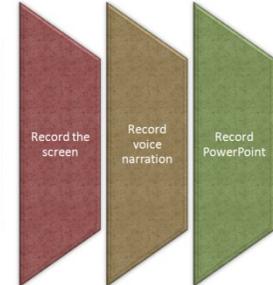
Purpose: Screen Video Capturing Software

Cost: Free 30-Day Trial; \$179.95 for PC education pricing with bulk discounts; \$99 for Mac

Features:

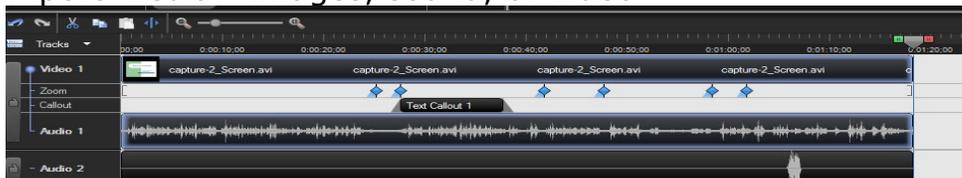
Record

1. Record with full screen, a window, or a region
2. Add audio or camera
3. Use a PowerPoint Plug-in for instantaneous PowerPoint Recording (Note: This plug-in only captures still images of slides.)
4. Smart Focus auto zooms into the action



Edit

1. Crop, crop, crop by highlighting sections of timeline and cutting
2. Make callouts to point out, highlight, spotlight, add text, add objects, or blur sensitive information
3. Library of graphics
4. Cursor options for highlighting and accentuating cursor movements
5. Transitions to use between images and sections of the video
6. Overlay captions or text
7. Put Flash quizzes into video
8. Import media: images, sound, or video



Produce & Share

1. Choose from one of the production presets including blog, CD, DVD, HD, iPhone, iPod, screencast.com, YouTube, Web, and custom options
2. Camtasia 7 offers YouTube and Screencast Integration with one-click loading

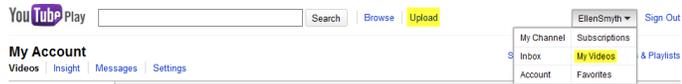
Free Alternative: [Jing](#)



Tool: YouTube
Purpose: Video Hosting Site
Cost: Free!
Features:
Upload

4. Follow and complete the upload page
5. Save Changes

1. Register, if not already, and login to YouTube
2. Go to My Videos
3. Select Upload



Edit

From the My Videos page, you can edit settings or view insight on any fully uploaded video



Share

1. To embed code,
 - a. Find your video on the My Videos page,
 - b. Click on the thumbnail of the video,
 - c. Click the embed icon
 - d. Ctrl-C to copy the code
 - e. Paste the code into your web page code
2. To link to your video, copy the link in the address bar
3. To share via Facebook, Twitter and so on, click the Share option,  , and choose your method



Search & Find

Use YouTube's and YouTube University's massive collection of videos to your advantage by searching for what you need to supplement your course. All embeddable videos are there for you to share!



Tool: TeacherTube
Purpose: Video Hosting Site
Cost: Free!

SMART Board™



Tool: SMART Board

Purpose: Interactive Digital Whiteboard

Cost: \$3,450 - \$10,050, which will hopefully be used for classroom presentation as well as recording

Features:

Basic Board Features

1. Large whiteboard integrated with computer where you can show everything your computer shows
2. Pens and eraser that digitally write on the whiteboard, allowing you to circle computer screen features, write using the SMART Notebook software, or on the PowerPoint slides
3. Floating tools like highlighting, screen capturing, undo and redo, keyboard, right-click, and orienting the board.

SMART Recorder

4. Records entire screen with audio if you have a microphone with the computer. We recommend a wireless lapel mic that will allow you to record entire lectures as you are giving them via the SMART Board – killing two birds with one stone by creating video for your online class while lecturing to your on campus class.

Other Tools

5. SMART Notebook saves notes, provides gallery of educational images, video and Flash content, with the ability to export notes to HTML, PDF, PowerPoint, and image files
6. Conduct conferences over the internet with SMART Bridgit software (or free Skype or Wimba)

Cheaper Alternative: Suspend a webcam over a desk and record teaching with paper and markers; Tablet PCs and Wacom Tablets, mentioned later



Tool: Shure PGW Wireless Lapel System with Computer Connection

Purpose: Recording voice with SMART Board computer during face-to-face sessions

Cost: \$299

Features:
Recording Audio

If you teach a face-to-face version of your online course or any other face-to-face meeting, you can record the audio for your sessions with the SMART Board or Wimba wearing this very lightweight and wireless lapel microphone.

Cheaper Alternative: [\\$50 RadioShack Mic](#), which needs some hardware converter (\$5-10) to plug into a PC



Tool: Wimba Classroom

Purpose: Live Virtual Classroom Environment

Cost: Campus licenses are in the thousands and depend on many

variables

Features:

Discussion

1. Public and Private Text Chat
2. Breakout Rooms
3. Video
4. Audio
5. Telephone access
6. Hand raising alerts
7. Polls, Quizzes and Surveys

Content Sharing

8. eBoard for drawing and working out problems
9. Load and share PowerPoint slides
10. Share webpages
11. Share applications or screen
12. Archiving (recording) of sessions

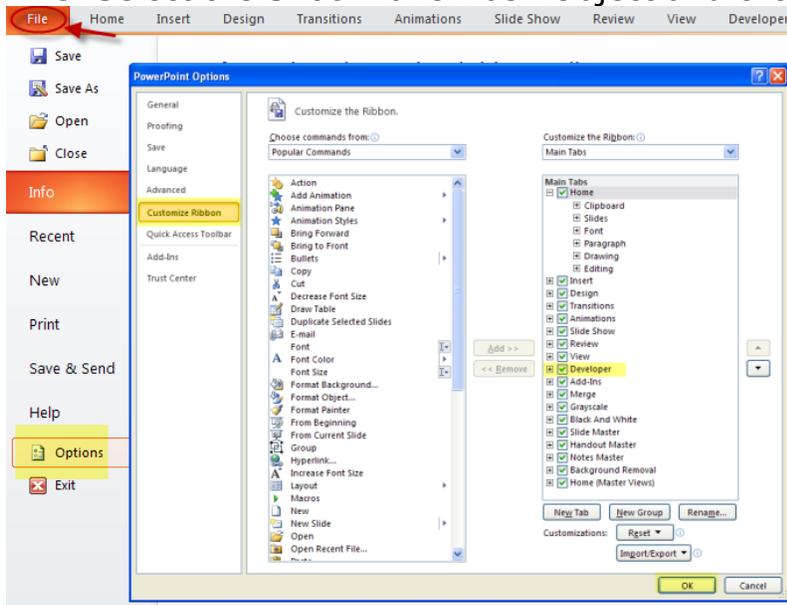
Free Alternative: [Adobe ConnectNow](#)



Trick: MS PowerPoint and YouTube How to Embed YouTube Video in PowerPoint 2007 or 2010:

1. If you don't have the developer tab, you'll need to add this tab.
 - a. Select Microsoft Emblem (or File in 2010).
 - b. Select Options.
 - c. Under Popular (Customize in 2010), select to show the Developer Tab.
 - d. Click OK.

2. Select the Developer tab and choose the more controls icon,
3. Select the Shockwave Flash Object and click OK.



4. On the slide where you want your video, click and drag your mouse to create the dimensions and placement of your video, which can always be easily readjusted.

5. Right-click on this newly defined area, select Properties.

6. Under Movies, paste your YouTube link (not the embed code, but just the link), deleting **watch?** from the link and then replacing the = with /.

7. Close the box with the red x, and press the slide show icon to see the embedded YouTube video.

Loop	True
Menu	True
Movie	http://www.youtube.com/watch?v=Z19zFIPah-o
MovieData	
Playing	True
Profile	False
ProfileAddress	
ProfilePort	0
Quality	1
Quality2	High
Scale	http://www.youtube.com/v/Z19zFIPah-o

Delete watch?
Replace = with /



Tool: Adobe Dreamweaver

Purpose: Web Design and Development Tool for Creating Websites

Cost: \$149

Features:

Top Features

Dreamweaver is one of the best known web designing tools, but there are literally hundreds of alternatives and most will let you easily drop in photos and YouTube video.

Embedding

1. Easily embed images
2. Easily embed YouTube or TeacherTube videos

Free or Cheap Alternative: [Drupal](#), [Kompozer](#), and [others](#). Chances are that your

university is already licensed for some web editing tool you can access for free.



Learning Environment 9.0



Course Builder | Simplify and quickly build courses with our drag and drop accessible interface

Embedding Images

1. Within D2L's WYSIWYG editor, whether in announcements, content, discussions, or so on, select the image icon, .

2. Browse to find the image file and select Upload.

3. Type in alternative text, and select OK.

Embedding YouTube/TeacherTube Video

1. Within D2L's WYSIWYG editor, whether in announcements, content, discussions, or so on, select the editing HTML icon, .

2. Copy the embed code from YouTube/TeacherTube.

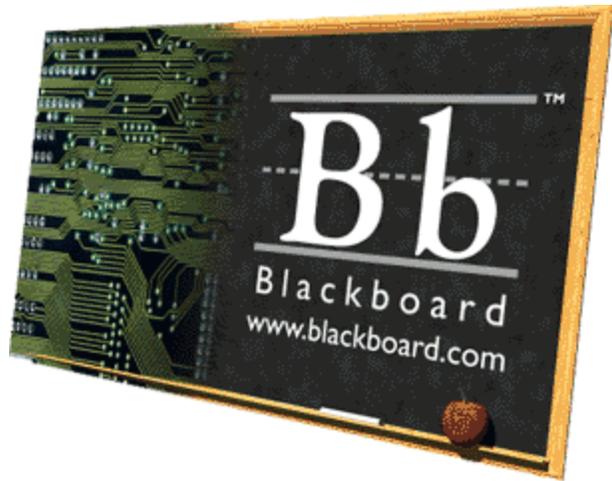
3. Place your cursor in the D2L code where you want the video to go, and paste the video embed code.

4. Click Update. You won't be able to see the video in edit mode, but you can preview with the preview icon, .

Embedding Images

Since Blackboard has no WYSIWYG editor, the simplest way to add images is to:

1. Create the Bb post with the embedded image on a new webpage with your web design software so that the image is hosted on your website and so that the software creates the HTML code for you.
2. Copy and paste the HTML code from the software to your Bb post, being sure to select the HTML option at the bottom of your post, Smart Text Plain Text HTML.
3. Preview and submit.



Embedding YouTube/TeacherTube Video

1. Copy and paste the embed code from YouTube or TeacherTube to your Bb post, being sure to select the HTML option at the bottom of your post, Smart Text Plain Text HTML.
2. Strip off the `<object width="480" height="385">` and `</object>` code.
3. Preview and submit.



Tool: Dell Latitude XT2 PC

Purpose: Computer that allows you to write on the screen, which can be captured with video

Cost: \$2400 and up, but educational pricing can lower; recommend top end, which we were able to get for \$2700

Features:

1. Small, lightweight and portable
2. Tablet and laptop mode
3. Scroll wheel, back button, and some other controls accessible in tablet mode
4. Pen for precision writing, drawing, clicking, and selecting with right-click and erase buttons
5. Fingers will do all that your pen will do, only with less precision (Fingers not included.)
6. Bright display capability for outdoor use
7. Hinge for swiveling
8. High end security features such as fingerprint reading
9. Multi-touch

Alternatives: Wacom Bamboo [\\$99-\\$199](#) – attaches via USB, but you cannot see what you're writing on the actual pad; Wacom Cintiq [\\$999-\\$1999](#) – attaches via USB and has its own LCD display, allowing you to see as you write.



Tool: Irxon Mini Bluetooth Keyboard

Purpose: Fully functioning miniature keyboard that connects with Bluetooth technology

Cost: [\\$24.99](#)

Features:

I actually bought this mini for the F9 key alone, even though it comes with all of the other keys, obviously. Starting and pausing (and stopping and saving) Camtasia recordings in the palm of my hand, without moving from tablet mode and without disturbing my PowerPoint in slide show mode has saved me countless hours in recording, which was well worth the money alone. And the silent keys are great for recording. I've also used the keyboard for light typing in

tablet mode and for remote navigation while delivering presentations.