

# Video Production Workshop



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# Today's Agenda

- |               |                              |
|---------------|------------------------------|
| 10:00 – 10:10 | Introduction                 |
| 10:10 – 12:30 | Video production             |
| 12:30 – 1:00  | Lunch in 1031 McCarty        |
| 1:00 – 2:00   | Field exercise – shoot video |
| 2:00 – 2:45   | Critique video               |

# Today's Agenda

- |             |   |
|-------------|---|
| 2:45 – 3:15 | Editing, storage, and delivery                |
| 3:15 – 3:45 | Incorporating video into classes and programs |
| 3:45 – 4:00 | Closing and questions                         |

# Future Training

## Possible topics

- Sakai
- Adobe Connect and Big Blue Button
- More video
- What would you like to see?



# Examples of Video For the Classroom or Online Class

# Using Video Effectively for Instruction

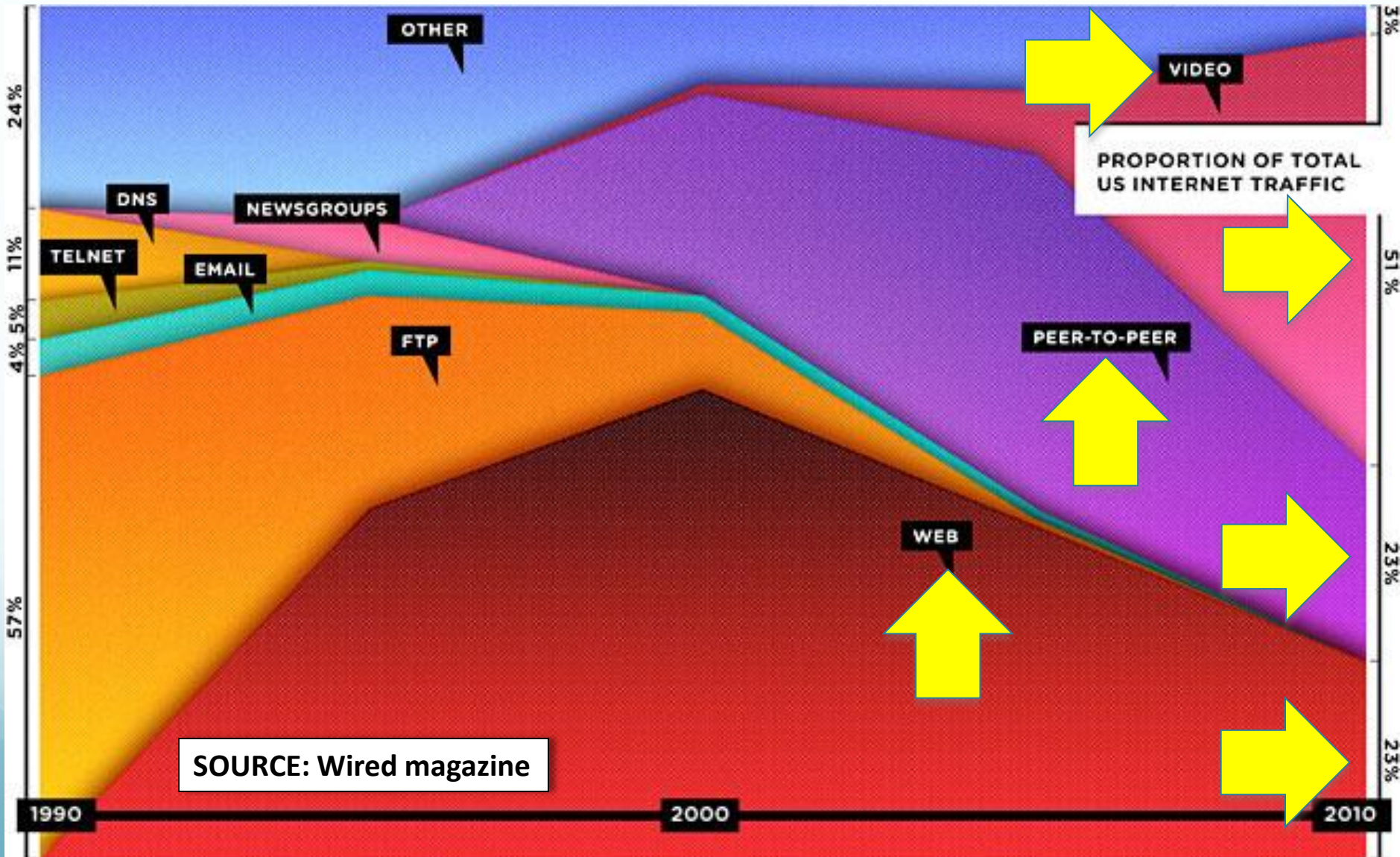
# The reason: Rise in video for instruction

- Post video content.
- Develop video contests and/or collaborations.
- Being used extensively in training and development.
- Video is fastest-growing segment of online communication.
  - Vimeo.com
  - And many, many more.





# Proportion of total US Internet traffic





# How I (Ricky Telg) use video

- Interviews with experts:
  - [Ag Media Summit](#)
  - [Sustainability](#)
  - [Two Way Communication](#)
- In-class projects:
  - [Explore Research](#)
  - [AEC 3070 Class Projects](#)
- Access videos from other sources



# The audience and message

- Define the audience.
- Develop a message.
- Determine how best to deliver the message to your audience.
- Use of proper video techniques will help communicate your message.

# The equipment

- Video cameras
- Tripods/monopods
- Microphones
- Lights
- Camera bags/miscellaneous

# The techniques

- Camera movements
- Basic shots
- Composition
  - Angles
  - On-screen room
- Continuity
- Interviews



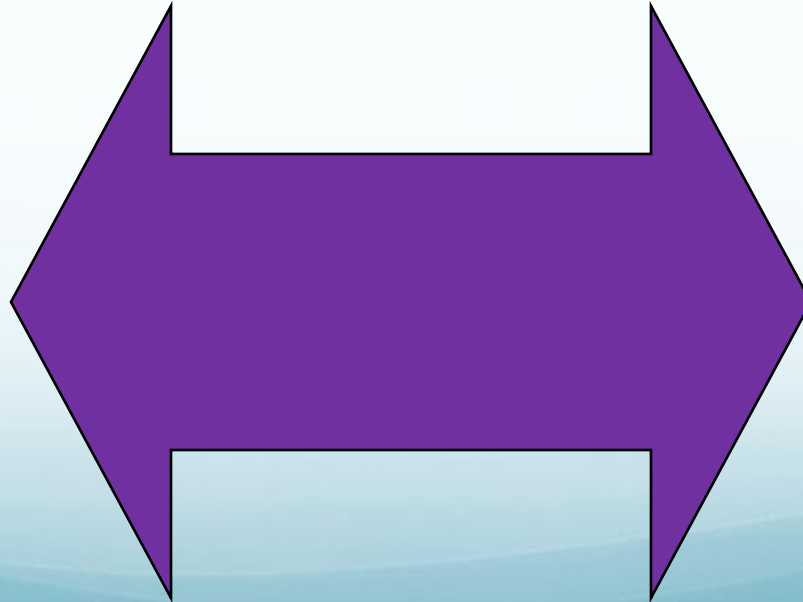
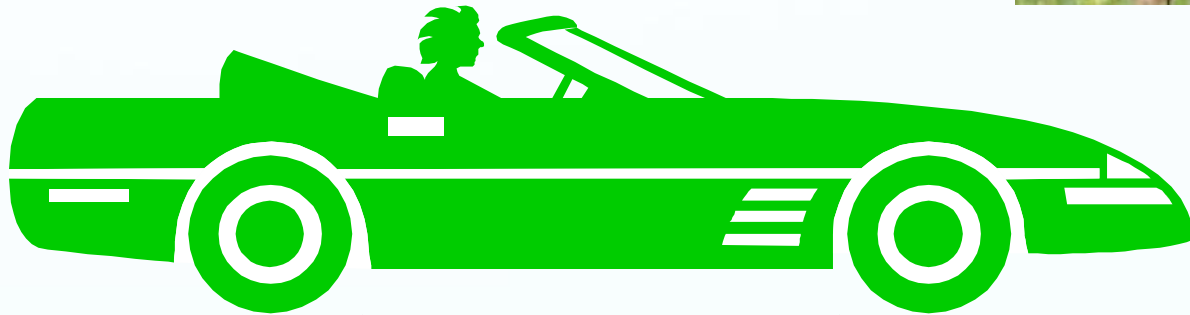
# Camera movements

- Pan
- Tilt
- Zoom



# Camera movements

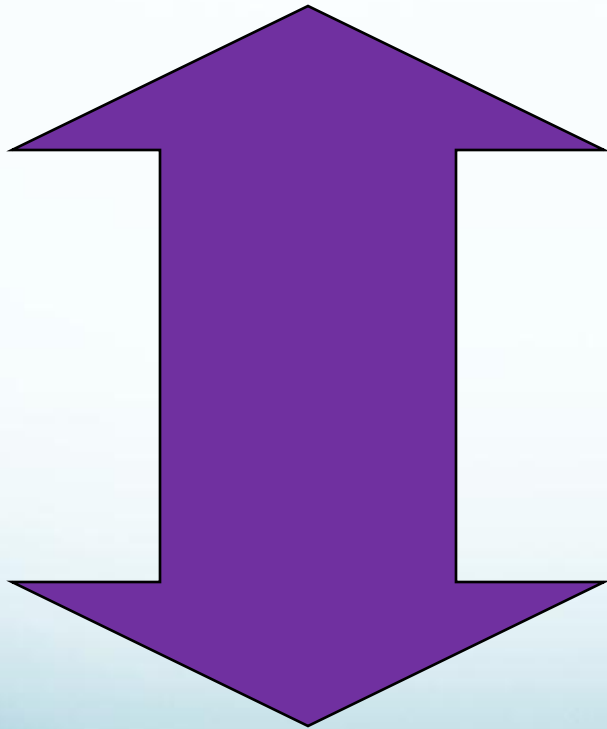
- Panning: left, right





# Camera movements

- Tilting: up, down





# Camera movements

- **Zooming:** Change in the focal length of the camera lens.
- Save movements until you feel you need one.
- Don't "zoom" (or pan or tilt) just to be doing it. **Must be motivated.**



# Basic shots

- Long (or wide) shot (LS or WS)
  - Shows the object of interest in its surrounding or setting. Used to establish the setting in which something will happen.



# Basic shots

- **Medium shot (MS)**
  - Bridges the gap between long shot and close-up. Arouses the viewer's curiosity.





# Basic shots

- Close-up (CU)
  - Places attention on the object of interest.



# Composition

- **Composition**: how the various elements within the frame are arranged.
- Some basics:
  - Centering
  - Angles
    - Eye level (flat angle)
    - High angle
    - Low angle
  - On-Screen Room
    - Headroom
    - Nose or lead room



# Angles

- **Eye level:** flat angle shot
- **High angle:** above the point of interest.
  - De-emphasizes the object
- **Low angle:** looking up at the object.
  - Magnifies the object



# On-screen room

- Headroom
  - Objects near the edge of the frame tend to seem crowded.
  - Allow a bit of extra space above a person's head to avoid this appearance.





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GOOD  
HEADROOM

# On-screen room

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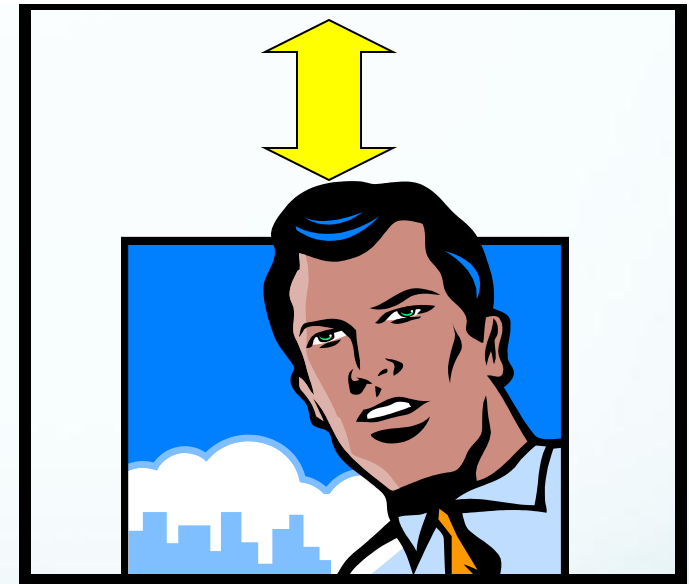


BAD HEADROOM



# On-screen room

- Headroom
  - Objects near the edge of the frame tend to seem crowded.
  - Allow a bit of extra space above a person's head to avoid this appearance.



BAD HEADROOM

# On-screen room

- Nose or lead room
  - Look into the picture.
  - Also used in movement.



# On-screen room

- Nose or lead room
  - Look into the picture.
  - Also used in movement.



GOOD LEAD  
ROOM

# On-screen room

- Nose or lead room
  - Look into the picture.
  - Also used in movement.



BAD LEAD ROOM

# Continuity

- Each scene bears a relationship to the one before it and after it. Action should “flow.”
- Need to shoot **sequence** of shots.
- Establish the scene with an “establishing shot” (long shot).





# Continuity

- **Jump cuts** (AVOID if possible.)
  - Jump cuts occur when the object of interest is seen in back-to-back shots “out” of continuity.
- **Avoiding jump cuts**
  - **Cut-ins:** close up of something on screen.
  - **Cutaways:** cut to something not in the scene.
  - **Special effects**
    - Dissolves/fades
    - Wipes



# Continuity: Jump cut



# Continuity: Cutaway





# Continuity: Cut-in



# Recording tips

- If you are not a steady shooter and you don't have a tripod, shoot **fewer close-ups.**
- Make pans, zooms, and tilts **count.**
- When possible, use a **TRIPOD** or a **MONOPOD.**

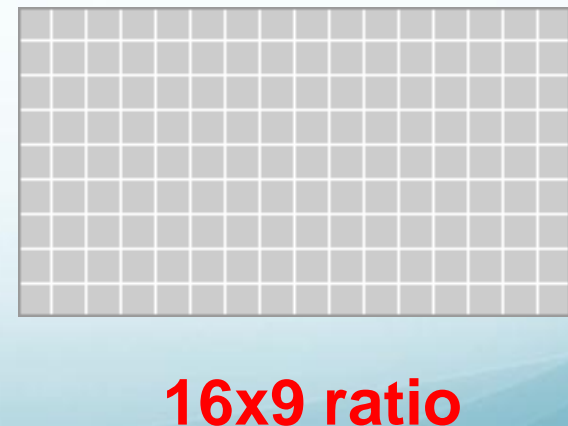
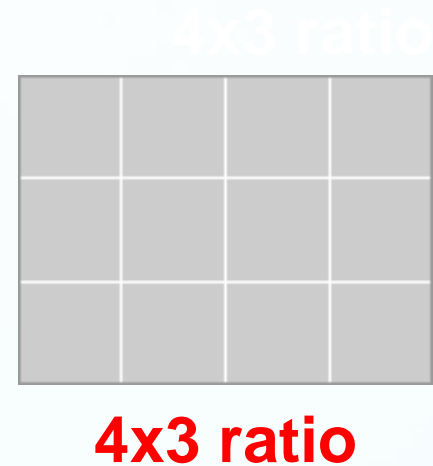


# TV and computer monitors

- Standard TV: 720x486 pixels
- Computer monitors: 800x600 (or better)
- HDTV: 1920x1080

- **Aspect ratios**

- Standard TV and computer: 4x3
- HDTV: 16x9



# TV and computer monitors

- Standard TV: 720x486 pixels
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- HDTV: 1920x1080
- **Aspect ratios**
  - Standard TV and computer: 4x3
  - HDTV: 16x9

4x3 ratio



**4x3 ratio**



**16x9 ratio**



# Interviews

- Before the interview
- During the interview
- Shooting video for interviews



# Before the interview

- Practice asking questions.
- Know what you want, so you can stay on topic.
- Suggest what to wear.



# During the interview

- Provide an overview of what you want and HOW to say it.
  - Restate the question.
  - Make complete sentences.
    - Instead of “It works like this...”
    - Say, “The process works in this way....”



# Shooting video for interviews

- Listen for distracting noises.
- Pay attention to distracting backgrounds and people.
- Shoot a lot of shots (if you plan to edit the video later).
- Don't cut off an answer. Let the person talk.



# Shooting video for interviews

- Headroom and lead room
- Facing the camera (head-on) or semi-profile?
  - If you are interviewing someone, the person should **NOT** face the camera.
- For a demonstration video or when the person is “talking to” the audience, it is perfectly acceptable for the person to **look at the camera**.





# Demonstration video

- Shooting in sequence
  - Give introduction.
    - Begin with a wide shot (establishing shot).
  - Start process with explanation.
    - Use medium shots and close-up shots.
    - Have talent freeze in position to zoom in for close-up shots, helps avoid *jump cuts*.
  - Give conclusion.
    - End with wide shot.





# Demonstration video

- <http://ufgardening.com>
- Most cooking and home design websites.



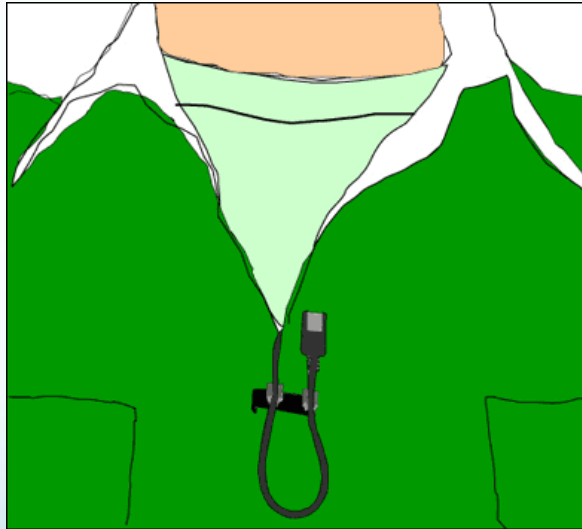
# Common TV microphones

- Handheld microphones
- Shotgun mikes
- Lavalierie mikes



# Placement of lavalieres

- Rustling noise of clothes
- Out of the speaker's reach
  - Jewelry



# Audio techniques/concerns

- Keep it short.
- Voice should be conversational.
- Use variety of voices, natural sound.
- Listen for background sound/noises.

Questions about video and  
audio techniques?

# Lighting





# Lighting

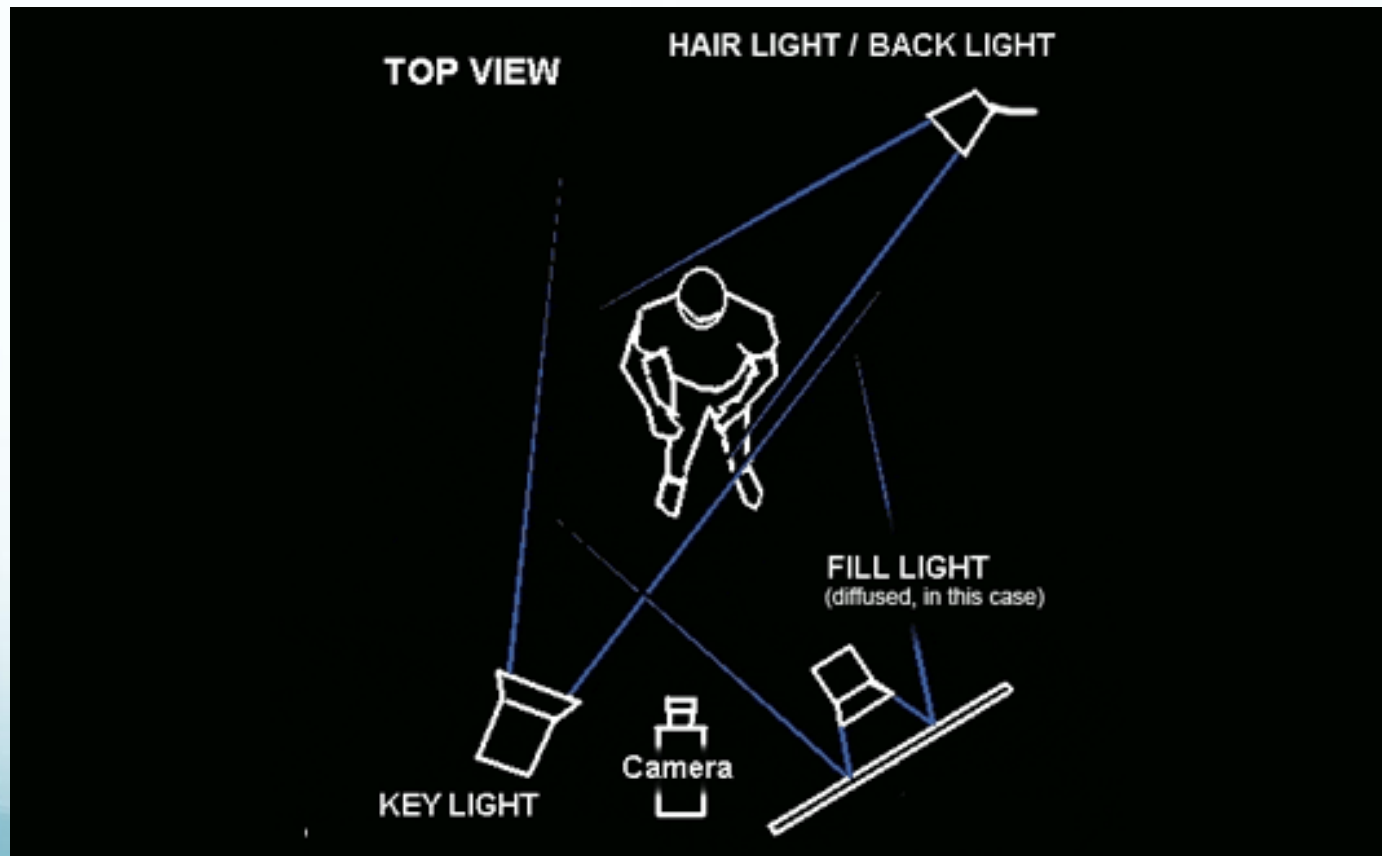
- **Quality Indicator:** How many times have you been distracted by bad lighting in a video?
- **Natural light or artificial light?**
  - ❖ Using additional light or bounce light
- **Cameras are more light sensitive**
  - ❖ You don't always need additional light.
  - ❖ Use what is available-- but within reason.

# Lighting

- **Considerations:**
  - ❖ Color Temperature
  - ❖ Available light
  - ❖ Time of day, if shooting outdoors
  - ❖ Backlit subjects
  - ❖ Overblown video
- **Three point lighting**
  - ❖ Nice to strive for...
  - ❖ ... but not mandatory for your circumstances

# Lighting

- **Three Point Lighting:**



# Lighting – Color Temperature

- Want to achieve a color as close to **white light** as possible
- To handle color temperatures, cameras have a process called **white balance** to get color temperature correct
  - ❖ Difference between daylight and indoor light
    - ❖ 5600 Kelvin (sunlight) and 3200 Kelvin (white light)
  - ❖ If not a white balance feature, sometimes an icon:

TWILIGHT\* (🌙)

CANDLE (🕯️)

# Lighting – Available Light

- Indoor light and natural sunlight





# Lighting

- **Time of Day:** Helps to avoid dark shadows on the subject's face.



Mid-morning or late-afternoon



Middle of day

# Lighting

- **Backlit subjects:** Avoid shooting subjects with brightly lit background or window



Window in the background



Close the shades!

# Lighting

- **Overblown video:** Where the subject is too bright— trust what you see in viewfinder



Very bright or white background



Move the subject to the shade!

# Release Form

- **UF Release Form**
  - ❖ A general release that covers almost every use
  - ❖ However, if you're recording sensitive subject matter, perhaps contact UF General Counsel

## GENERAL CONSENT AND RELEASE

I hereby agree that the University of Florida Board of Trustees (the "University") shall have the right to record my participation, appearance, likeness and voice on video tape, audio tape, photograph or in any other medium and I hereby unconditionally and irrevocably consent to the University's use of such materials for any legal purpose the University deems appropriate for the benefit of the University, including commercial and advertising purposes. I understand that by so agreeing and consenting, I have forever waived (i) any right to require payment from the University for use of these materials by it or those acting pursuant to its authority and (ii) the right to object to the use of such materials for any purpose permitted by this General Consent and Release, including, without limitation, the license or sale of such materials by the University and the University publishing, printing, displaying, exhibiting, distributing or otherwise publicly using any such materials for any legal purposes. I understand the foregoing consent and release grants the University the right to edit, crop, retouch or otherwise reasonably alter such materials, at its discretion, and, at its option, to reveal my name and identity in such materials or by descriptive text or commentary. Furthermore, I understand and agree that any intellectual property rights associated with such materials are the sole property of the University.

I have read and understand the foregoing General Consent and Release and I represent and warrant that I **am, am not (circle one)** eighteen years of age or older.

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Phone: \_\_\_\_\_

Address: \_\_\_\_\_

Date: \_\_\_\_\_

If the individual signing this General Consent and Release is under the age of eighteen (18), his/her parent/guardian must sign below.

I certify that I am the parent or guardian of the individual who signed this General Consent and Release above and I agree that we agree to be governed by the terms and conditions of this General Consent and Release.

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

# Release Forms

- **Important, Especially If Video Recording Children or Adults with Special Needs**
- **University of Florida Release Form**
  - ❖ Distribute and have signed by parent or guardian prior to the video recording event
  - ❖ Gather and confirm signatures before recording
- **4-H Members**
  - ❖ Exempt from needing release forms
  - ❖ When in doubt, either have form signed or omit the child from being video recorded.



# Camera Considerations





# Camera Considerations

- **Investing in a video camera?**
  - ❖ Have a good idea what you need
    - ❖ Be aware of “over-buying”
- **Lots of cameras available**
  - ❖ Digital Camcorder
  - ❖ DSLR
  - ❖ Shoot & Share Camera
  - ❖ Mobile Device or Phone



# Camera Considerations

- **Camcorder**
  - ❖ Lots of brands and flavors and prices
- **Considerations**
  - ❖ Format – HD 1080i or 720p?
  - ❖ Recording media
  - ❖ Basic features
  - ❖ Consider extras
  - ❖ Good Reputation



# Camera Considerations

- **Digital Single Lens Reflex - DSLR**
  - ❖ Can be pricey
  - ❖ Great images
  - ❖ Primarily for photography
- **Considerations**
  - ❖ Lens – all kinds of lens
  - ❖ Audio?
  - ❖ Can become more progressively expensive as you continue



# Camera Considerations

- **Shoot & Share**
  - ❖ Relatively Inexpensive
  - ❖ Handy and quick
  - ❖ Editing Software
- **Considerations**
  - ❖ Fixed lens. No real zoom.
  - ❖ Audio?
  - ❖ Not always the best option but will work, if used wisely



# Camera Considerations

- **Mobile Device or Phone**
  - ❖ Good for impromptu video
  - ❖ Almost always with you
- **Considerations**
  - ❖ Relatively good quality
  - ❖ Editing software?
  - ❖ Gaining momentum as alternative video camera
  - ❖ Good for emergencies



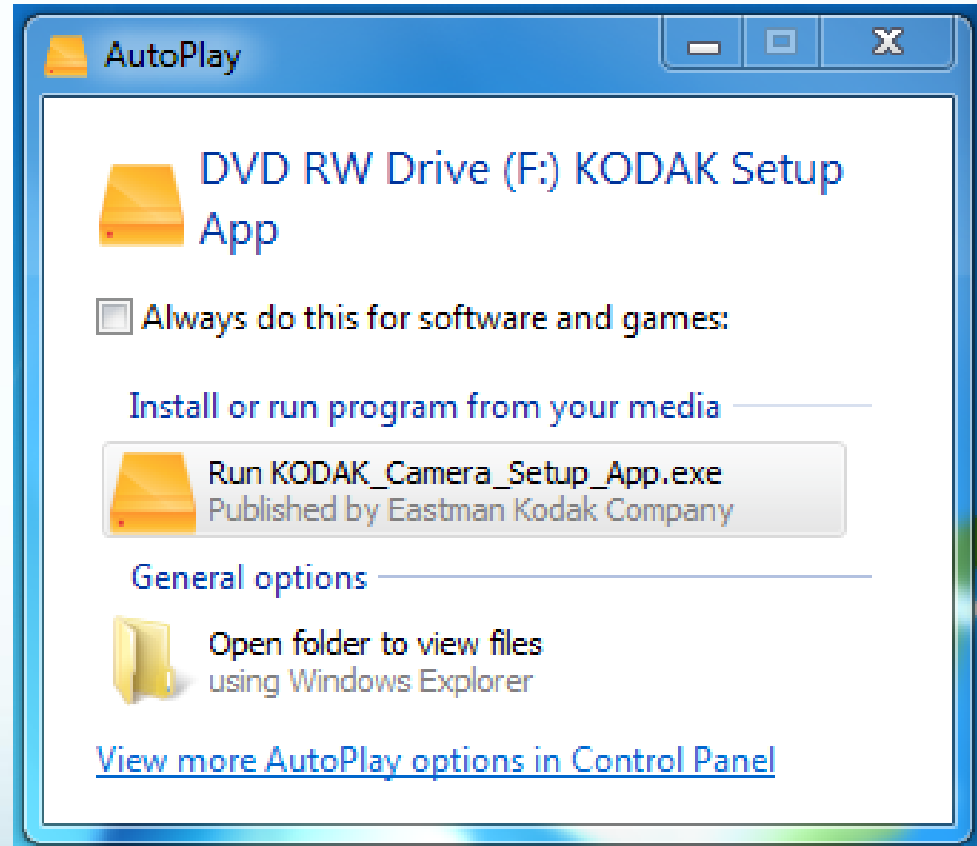
# PlayTouch Camera Operation



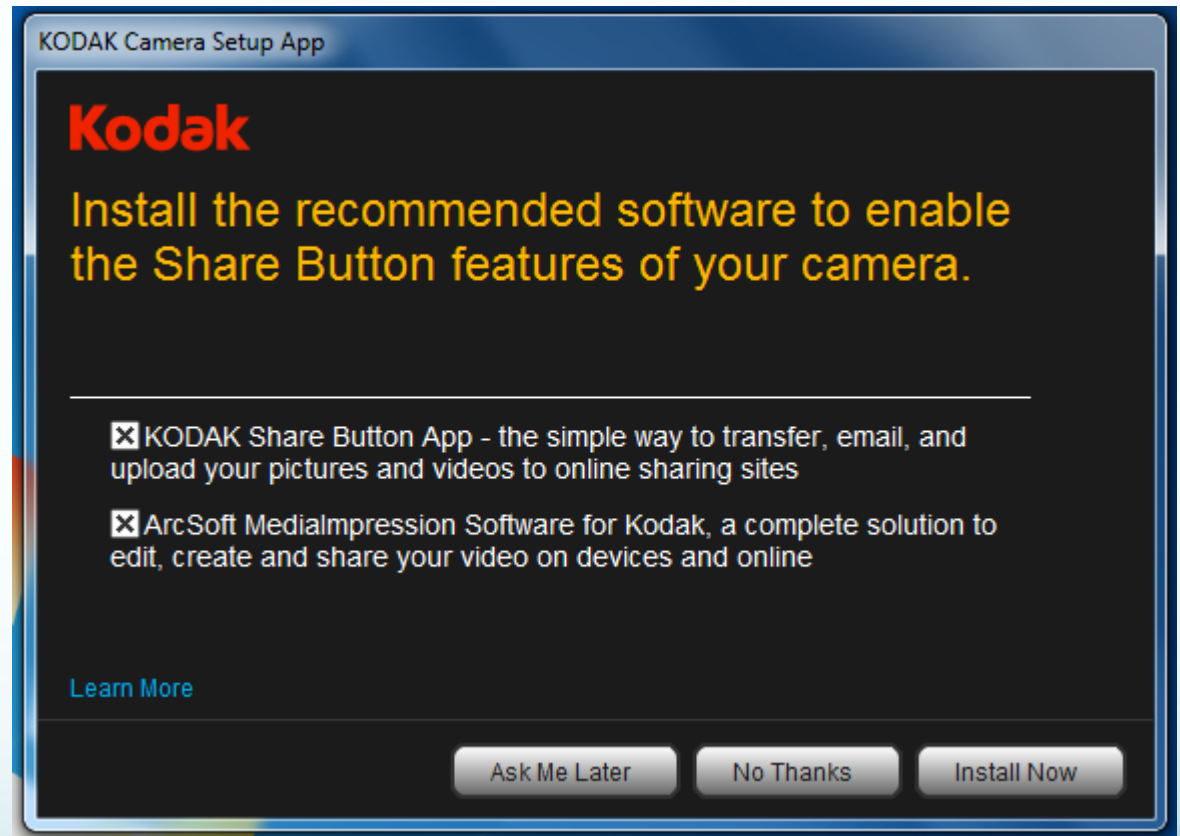
- **Shoot & Share Camera**
  - ❖ Relatively Inexpensive
  - ❖ External audio input
  - ❖ PC-based Editing Software
- **Goals**
  - ❖ Setting up the camera
  - ❖ Features
  - ❖ Test drive and assignment



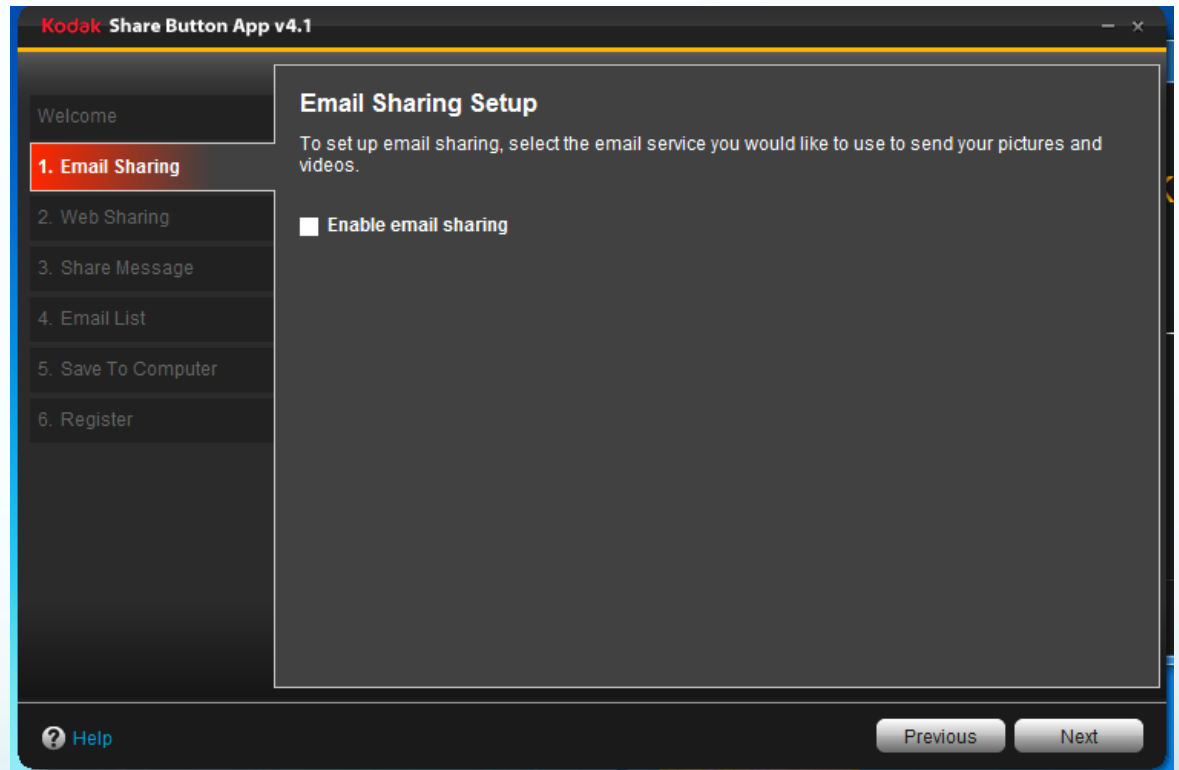
# PlayTouch - Installation



# PlayTouch - Installation



# PlayTouch - Installation

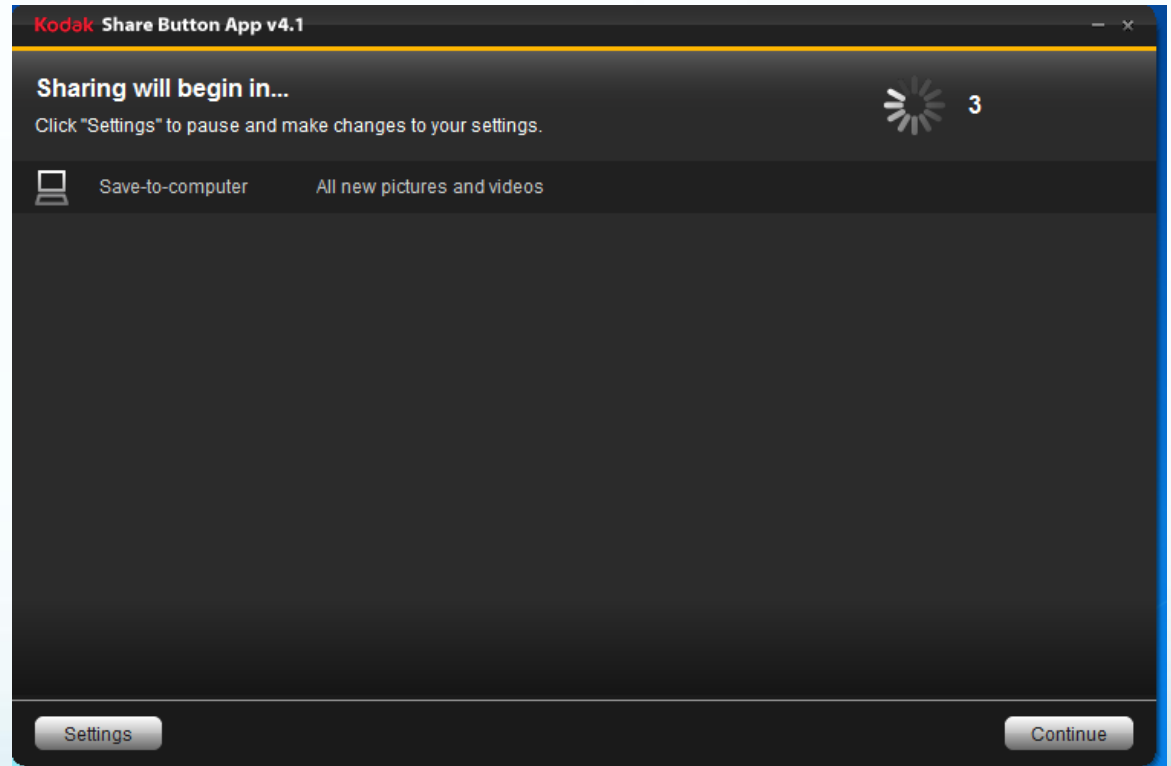


# PlayTouch - Installation



A screenshot of the Apple website's QuickTime 7 download page. The browser's address bar shows 'http://www.apple.com/quicktin'. The page has a navigation bar with links for Store, Mac, iPod, iPhone, iPad, and iTunes. The main heading is 'QuickTime' with a link for 'What is QuickTime 7'. The central content area features the heading 'Download QuickTime 7' and a sub-heading 'QuickTime 7.7.1 for Windows XP, Windows Vista or Windows 7'. Below this is a checkbox for updates and a link to the 'Apple Customer Privacy Policy'. An email address input field is present, followed by a blue 'Download Now' button with a download icon. Below the button, there are sections for 'Leopard System Requirements' (Mac OS X v10.5 through v10.5.8) and 'Windows Minimum Requirements' (Windows XP (Service Pack 2 or later), Windows...).

# PlayTouch - Installation



# PlayTouch



## Front view



- Focus switch (Close-up/Normal)
- Jack for external microphone, headphones
- Video Recording LED
- AV Out
- HDMI™ Out
- Micro USB, for 5V DC In
- USB Release
- USB arm
- Microphone
- Lens
- IR receiver, for optional remote control



# PlayTouch



## Understanding the status icons

**Liveview**

Current mode — Liveview — Settings

Battery level — HD — Settings

Face detection brackets

Zoom control (Wide, Telephoto)

Capture Mode — Review — Effects

**Recording**

Recording — 0:32

Current video length

Zoom control

The diagram shows two camera interface screens. The 'Liveview' screen has a top status bar with a battery icon, 'HD', and a settings gear. Below is a video frame with two face detection brackets. At the bottom is a control bar with icons for Capture Mode, Review, and Effects. The 'Recording' screen has a top status bar with a red recording dot and '0:32'. Below is a video frame. At the bottom is a zoom control bar with a magnifying glass icon.

**Review**

Current video length — 2:30

Battery level (or DC-In connected) — Volume

Previous — Next

Scrubber bar

Single/Multi-up/ Timeline View — Edit — Delete — Share

The diagram shows the 'Review' interface. The top status bar shows a battery icon, '2:30', and a volume icon. The main area is a video frame with 'Previous' and 'Next' navigation arrows. A scrubber bar is overlaid on the video. At the bottom is a control bar with icons for Single/Multi-up/ Timeline View, Edit, Delete, and Share.

# PlayTouch Assignment



- **Video Record a Process**
  - ❖ All-in-camera
  - ❖ Try different types of shots: wide, medium, close-up
  - ❖ Perhaps shoot in order
  - ❖ Keep it brief.
  - ❖ Describe what is going on
- **Suggest you include:**
  - ❖ An interview with someone in your group

# Video Editing and Storage Services



# Editing – In The Camera

- **Could be all you need:** A quick interview or tour of a place that brings the person or location to your audience
- **Takes a little prior planning**
  - ❖ If a tour, perhaps coordinate how you'll travel through the area
  - ❖ Tip: Try starting the angle of each new scene a little differently than the shot that precedes it
  - ❖ If an interview, confirm your audio is good and consider ambient noise or loud areas.

# Editing

- **The art of putting it all together:** Good editing is helped by good planning.
- **How complex of a editing program?**
  - ❖ Very basic to very powerful programs available
  - ❖ What features do you really need?
- **Software can be fun, or hard, to learn**
  - ❖ Do you have time to learn new software?
  - ❖ Can your computer run the software?

# Editing - Software

- **Possible requisites:**
  - ❖ Relatively easy to learn and use
  - ❖ Do you need it to do more than the software that came with Shoot and Share camera?
  - ❖ Can it easily trim and edit video?
  - ❖ Add titles and effects?
  - ❖ Good, easy-to-follow tutorials
  - ❖ Demo available?
  - ❖ Customer Support
  - ❖ Community Forum





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**2012 Best Video Editing Software Comparisons and Reviews**

Displaying 1 to 10 of 14

« Previous 10 | Next 10 »

Rank	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
★★★★★ Excellent ★★★★☆ Very Good ★★★☆☆ Good ★★☆☆☆ Fair ★☆☆☆☆ Poor	<a href="#">CyberLink PowerDirector</a>	<a href="#">Corel VideoStudio Pro X5</a>	<a href="#">Adobe Premiere Elements</a>	<a href="#">MAGIX Movie Edit Pro</a>	<a href="#">Roxio Creator</a>	<a href="#">VideoPad</a>	<a href="#">Pinnacle Studio HD</a>	<a href="#">Sony Vegas Movie Studio Platinum</a>	<a href="#">Roxio Video Lab</a>	<a href="#">MoviePlus X5</a>
Reviewer Comments	<a href="#">Read Review</a>	<a href="#">Read Review</a>	<a href="#">Read Review</a>	<a href="#">Read Review</a>	<a href="#">Read Review</a>	<a href="#">Read Review</a>	<a href="#">Read Review</a>	<a href="#">Read Review</a>	<a href="#">Read Review</a>	<a href="#">Read Review</a>
Lowest Price	<a href="#">Go</a>	<a href="#">Go</a>	<a href="#">Go</a>	<a href="#">Go</a>	<a href="#">Go</a>	<a href="#">Go</a>	<a href="#">Go</a>	<a href="#">Go</a>	<a href="#">Go</a>	<a href="#">Go</a>
	\$49.95	\$79.99	\$99.99	\$99.99	\$99.99	\$69.95	\$59.99	\$69.99	\$49.99	\$79.99
Overall Rating	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Ratings										
<a href="#">Video Capture/Playback</a>	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
<a href="#">Ease of Use</a>	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★

# Cyberlink PowerDirector

The screenshot displays the Cyberlink PowerDirector software interface. At the top, the menu bar includes File, Edit, View, Playback, and a status bar showing the current project path: C:\Documents and Settings\alwill\My Documents\CyberLink\PowerDirector\9.0\WatchMeEdit.pds. The main interface is divided into several sections:

- Top Bar:** Features the Cyberlink logo and the text "PowerDirector".
- Navigation Tabs:** "Capture", "Edit" (selected), "Produce", and "Create Disc".
- Media Library:** A grid of media assets including images (Aerial.jpg, Castle.jpg, Lake.jpg, Nature.mpg, Sakura.jpg, Tulips.jpg) and video files (Video 3.MP4, Video 4.MP4, Video 5.MP4, Video 11.MP4, Video 16.MP4, Video 17.MP4, Video 18.MP4, Video 22.MP4).
- Preview Window:** Shows a video clip of a boat's wake on a lake, with a blue circle and a plus sign indicating a zoom or crop operation.
- Timeline:** A multi-track editing area with a time axis from 00:00:00 to 00:01:10:02. It shows a "1. Chapter 1" and several video tracks containing clips like "Video 3.MP4", "Video 4.MP4", "Video 5.MP4", "Video 11.MP4", and "Video 17.MP4".
- Bottom Bar:** Contains playback controls (play, stop, previous, next, full screen, volume) and a "Clip" / "Movie" toggle.

The Windows taskbar at the bottom shows the Start button, active windows for "C:\Documents and Se...", "Help and Support Ce...", and "PowerDirector\_Effect...", along with system icons and the time 2:23 PM.



# Trim Function

The screenshot displays the PowerDirector software interface with the 'Trim' dialog box open. The main window shows a video project with a timeline and a preview window. The 'Trim' dialog box is centered, showing a video preview of a boat on a lake. Below the preview is a timeline with a playhead and a zoomed-in view of the video frames. The dialog box includes a 'Trim' title bar, a close button (X), and 'OK' and 'Cancel' buttons at the bottom. The background interface shows the 'Edit' tab selected, with a media library on the left containing various video files and a timeline at the bottom. The Windows taskbar at the bottom shows the Start button and several open applications, including Mozilla Firefox and PowerDirector.

# Special Effects or Transitions

The screenshot displays the PowerDirector software interface. At the top, the menu bar includes File, Edit, View, Playback, and a status bar showing the file path: C:\Documents and Settings\alwill\My Documents\CyberLink\PowerDirector\9.0\WatchMeEdit.pds\*. The main workspace is divided into three sections: Capture, Edit (selected), and Produce. The Edit section features a grid of 24 transition effects, including Airplane, Blizzard, Blur, Blur Down, Blur Left, Blur Right, Blur Up, Box In, Box Out, Broken Glass, Burning, Center Curl, Center Roll, Chain Reaction, Collapse I, Collapse II, Collapse III, Collapse IV, Color Circle, Color Love Heart, Color Split, Color Star, and Cross. The preview window on the right shows a large blue letter 'A' on a blue background. Below the preview window is a playback control bar with buttons for Clip, Movie, and various playback functions. The bottom section is a multi-track timeline with a time axis from 00:00:00 to 00:01:10:02. The video track contains several clips labeled Video 3.MP4, Video 4.MP4, Video 5.MP4, and Video 11.MP4. The Windows taskbar at the bottom shows the Start button, open applications, and the system tray with the time 2:11 PM.

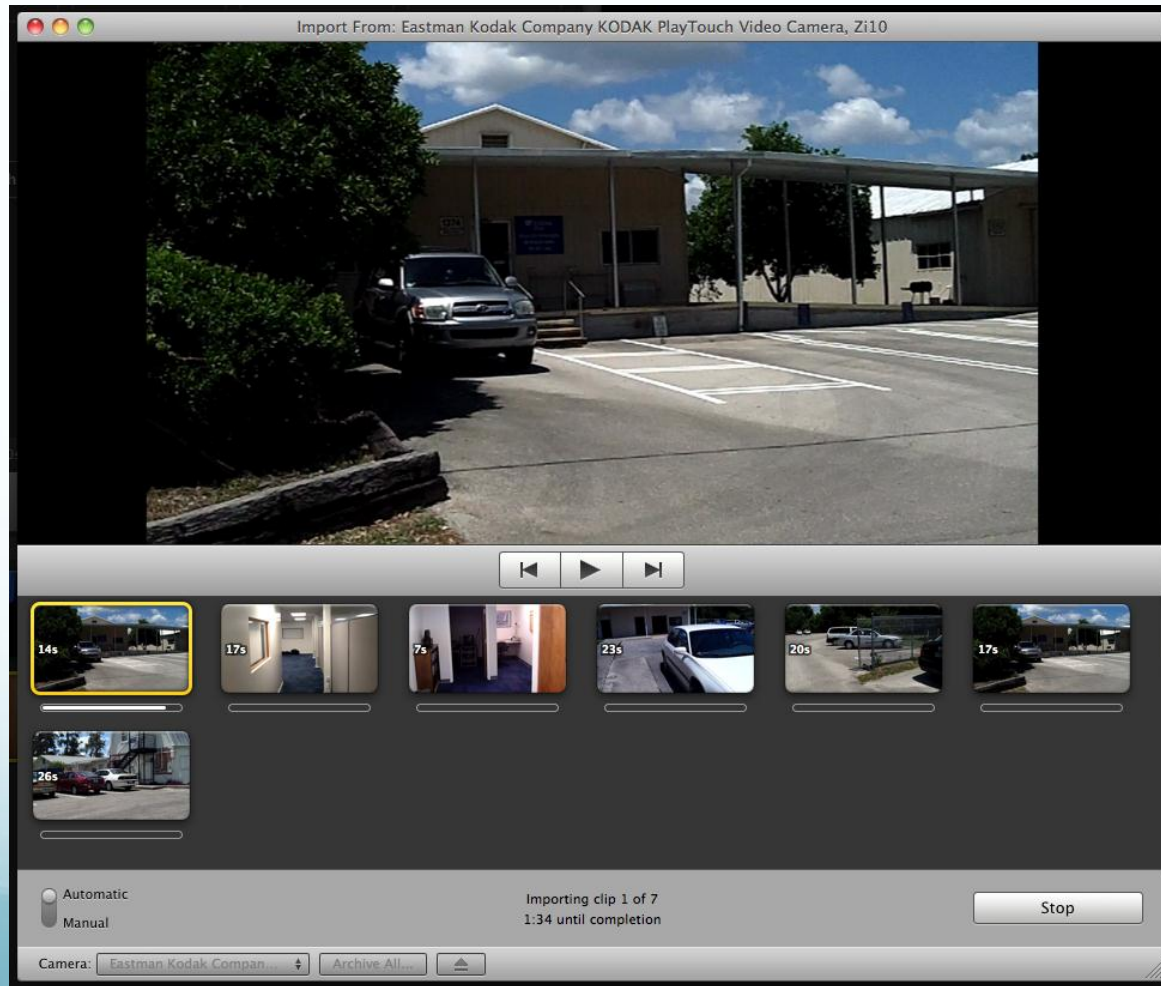
# Title Capabilities

The screenshot displays the PowerDirector software interface with the Title Designer window open. The main window shows a video preview of a man in a boat with the text "On-location with an IFAS Researcher" overlaid. The Title Designer window has a blue header and contains the following elements:

- Buttons:** "Insert Title" and "Insert Image".
- Font Settings:** "Arial" font, size "28", and options for bold (B), italic (I), and color (represented by a square).
- Text Styling:** "Aa" icon, a square icon, and a "Aa" icon with a blue background.
- Border Settings:** A checked "Apply border" checkbox, "Size" set to 3, and "Blur" set to 0.
- Transparency:** "Transparency" set to 0%.
- Color/Gradient:** "Uniform color" selected with a black color swatch, and "Gradient color" options for "Begin with" and "End with" (both white swatches).
- Gradient Direction:** A circular dial for "Gradient direction".
- Preview:** A video preview area showing the text on the video, with a play button and a time display of "00:00:01:09".
- Footer:** "Share", "Save", "OK", and "Cancel" buttons.

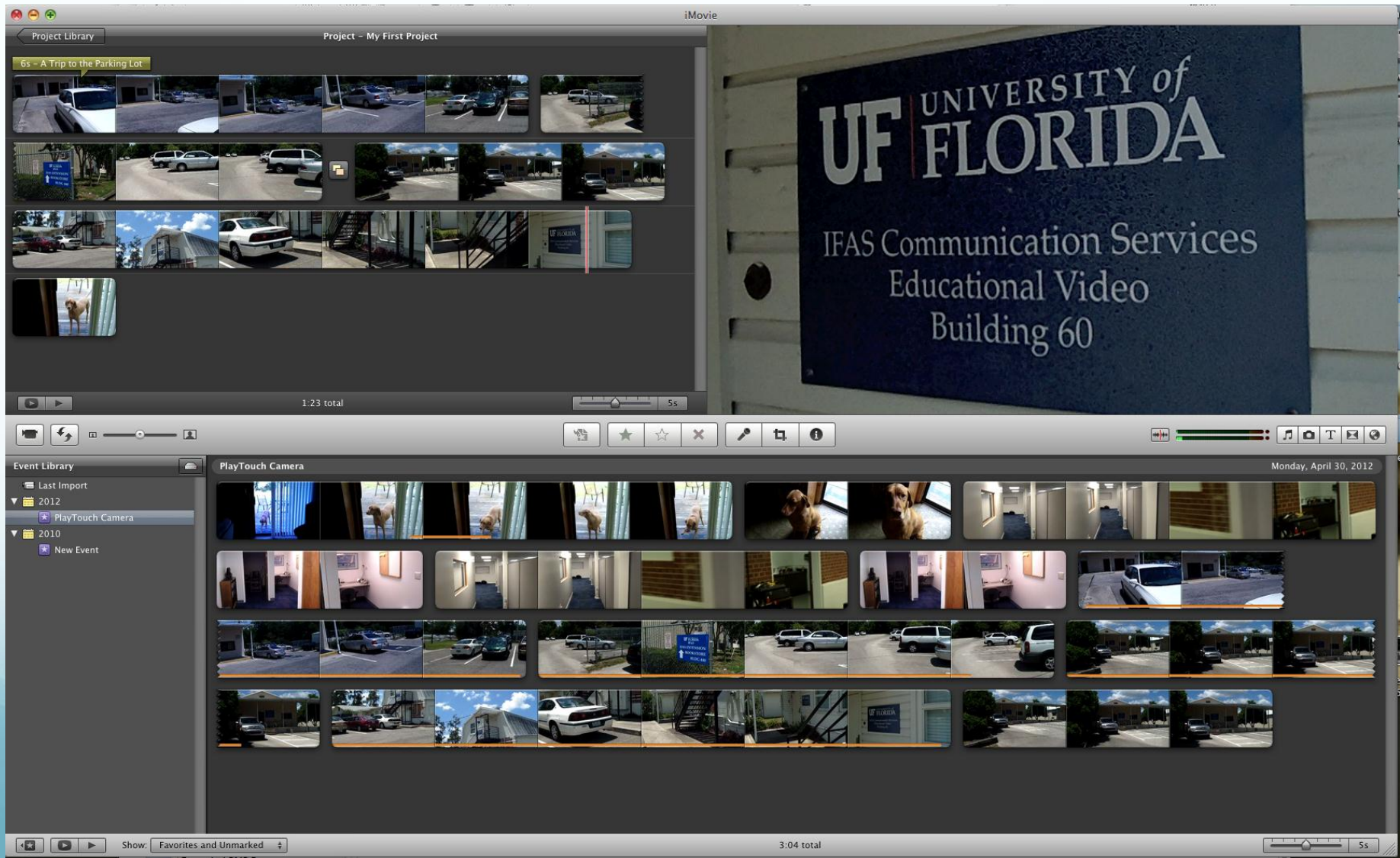
# Editing – Mac Software

## | iMovie





# Editing – iMovie on the Mac



# Editing – Other Mac Software

- Final Cut Pro X, Premiere Pro



# Media Drives

- **Editing from host drive:** Media drive should be relatively fast
  - ❖ If host drive fails, you could be in trouble
  - ❖ Can your computer house more than one drive?
- **External Drives - Firewire verses USB**
  - ❖ What inputs does your PC have? Is it fast enough?
  - ❖ Firewire is stable
  - ❖ USB 3.0 is fast but unclear if really stable
- **Consider RAID**
  - ❖ Might be over-kill for most circumstances

# Storage Drives for Archive

- **It's a digital world:** Tape is relatively dead
- **Storage of recorded video**
  - ❖ Either a collection of SD cards...
  - ❖ Or storage drive(s) containing video archives
- **External Drives**
  - ❖ Fast, reliable drives
  - ❖ Archive system which back ups all media
  - ❖ RAID Drive System for full redundancy



# Video editing



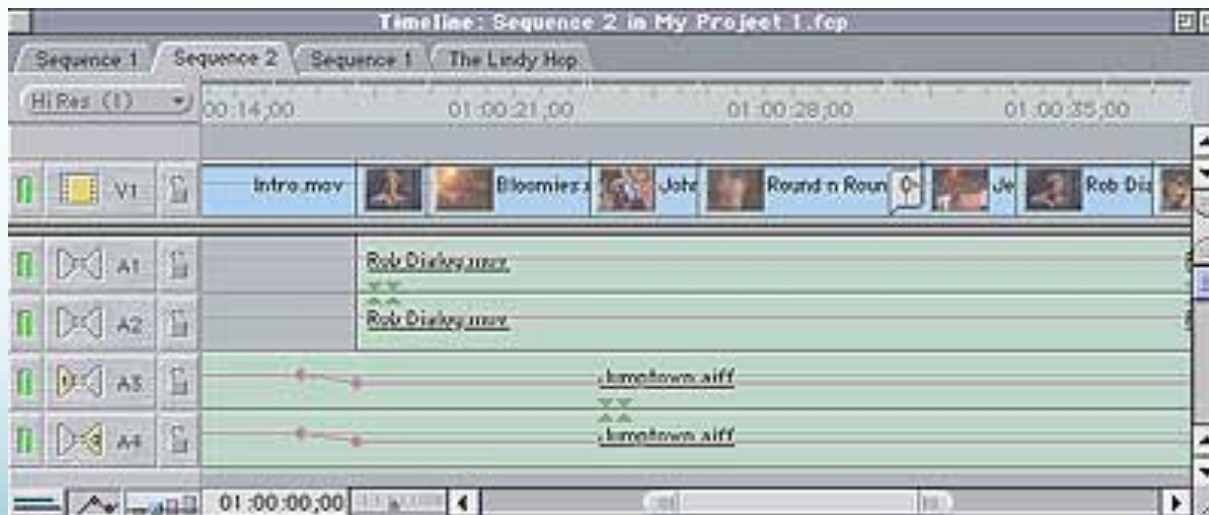
- **Editing:** Process of selecting, arranging, and shortening scenes.
  - Must decide needed shots, effects, sequence.





# Nonlinear editing

- Can move video around on the timeline. Does not have to stay “in order.”





# Editing techniques



- Fade: to black



# Editing techniques



- **Dissolve:** one shot to another



# Editing techniques



- Cut: direct transition





# Editing techniques



- **Wipe:** one picture wiping off another picture



# Editing techniques



- Superimposition or a “super”: placing one image over another.





# Pacing

- **Speed or timing or rhythm** of a program.
- To **maintain interest**, pacing should be **brisk**.
- Instructional use of television requires that the audience be given sufficient **time to absorb** new information.





# YouTube and QR Codes

The image shows a screenshot of a YouTube search results page for the query "University of Florida". The browser is Firefox, and the search results show approximately 143,000 results. The top results include:

- Broadview Entertainment - Arts University - Salt Lake City**: Visual & Production Arts College by BEAUlic | 9,365 views
- University of Florida student Tasered at Kerry forum**: University of Florida student Andrew Meyer is Tasered and arrested after causing a disturbance at a town hall forum, which featured Senator John... by GainesvilleSun | 4 years ago | 6,396,035 views
- #2 University of Florida**: This large Florida school has sports, academics and Gatorade to boot. by kplinger | 3 years ago | 53,925 views
- Flashmob UF - Bang!**: University of Florida Flashmob #7 - banned Xbox 360 commercial recreation - 4-12-2008 by Veritas1000 | 6 years ago | 1,012,216 views
- University of Florida**: One of the nation's five largest universities, the University of Florida... Before You Go - University of Florida Commencement (CHANNEL) by UniversityofFlorida | 129 videos | 453 subscribers
- UF Student tasered at John Kerry Speech**: UPDATE COMING SOON MORE VIDEO FROM PROTEST TODAY UPDATE COMING SOON MORE VIDEO FROM PROTEST TODAY I couldn't get to my camera in time to record his... by foczymandas | 4 years ago | 1,784,705 views
- We're ready... University of Florida - Commencement**: The stage is set and everything's in place. The only thing missing is you. We're ready to watch you take your next step. NEW HD by UniversityofFlorida | 5 days ago | 3,196 views
- Student Tasered At Kerry Speech: Longer Version**: Student at University of Florida Tasered by Police After They Asked Him to Stop Speaking. Courtesy CBS - mrcv tv - WGBH World's Boston taser... by WCVBtv | 4 years ago | 602,636 views
- University of Florida Chooses Football over Science!**: University of Florida has cut funding to his Computer Science Department in order to funnel more money into its extremely successful Athletics... HD CC by tyuniversity | 1 week ago | 7,263 views
- University of Florida Taser Incident (taser portion)**

Featured Videos on the right include:

- Student Tasered At K...**: Student at University of Florida Tasered by Police After They A... by WCVBtv | 602,636 views
- Tasered student driv...**: University of Florida student Andrew Meyer is driven to jail at... by GainesvilleSun | 39,343 views
- TYT Hour - Septembe...**: I maybe you could feel the eighteen with like leberman of use... by TheYoungTurks | 22,482 views
- UFOTV: Tunguska - U...**: and episode in mass with the force of an atomic blast equal t... by UFOTVstudios | 59,909 views
- Drag Race: 2012 Lex...**: -- against our long-term Nissan CTR to find out which one is the king... by MotorTrend | 8,167,476 views
- DONT TICKLE ME!! (5...**: marley cute internet killed by television cbbc coeds fau friabe golf... by CTFXC | 177,619 views
- How to solve a Rubik...**: com -LIST OF ALGORITHM- 1) F U L U L (R) D (R) D 3) U R U R L... by progobit | 13,969,894 views
- Hollywood Rip, Ride...**: It's Orlando's latest & greatest, with X-cars, a vertical... by www.COASTERFORCE.com | 1,502,115 views

The bottom of the page shows a Windows taskbar with various application icons and a system tray displaying the time as 11:38 AM on 5/7/2012.

# iTunes University

**LIBRARY**

- Music
- Movies
- TV Shows
- Podcasts
- iTunes U
- Books
- Apps
- Radio

**STORE**

- iTunes Store
- iTunes Match
- Purchased
- Purchased on Al Williamso...
- Purchased on Al's iPod

**GENIUS**

- Genius

**PLAYLISTS**

- iTunes DJ
- American Public Media
- Full Sail University
- 90's Music
- Classical Music
- Music Videos
- My Top Rated
- Recently Added
- Recently Played
- Top 25 Most Played
- Mark Spencer - Mastering...
- October Road

**Music Movies TV Shows App Store Books Podcasts iTunes U Sign In**

## Moons: an introduction

Explore the moons of the solar system with a new Open University course and accompanying book, *Moon Rocks*.

The Open University

**iTunes U**

**ITUNES U QUICK LINKS**

All Categories

Universities & Colleges

Beyond Campus

K-12

Power Search

Get the iTunes U App

**TOP CHARTS**

**Courses** See All >

- Financial Markets (2011) Yale University
- iPad and iPhone App Deve... Stanford
- Statistics 110: Probability Harvard University
- Moons: an introduction The Open University
- The Hebrew Scriptures in ... Harvard University
- Philosophy and Science of... Yale University
- Early Middle Ages Yale University
- Leading Wisely TED
- The new entrepreneurs The Open University
- Core Concepts in Chemistry Duke University

**New Courses** See All >

<b>English as a World Language</b> Liberty University	<b>Freshman Organic Chemistry 2</b> Yale University	<b>Organic Chemistry</b> UC Irvine	<b>Financial Markets (2011)</b> Yale University	<b>Early Middle Ages</b> Yale University	<b>The Road to Civil Rights</b> Academy of Achie...	<b>Virology</b> Columbia U
<b>Hemingway, Fitzgerald,...</b> Yale University	<b>Moons: an introduction</b> The Open University	<b>The Hebrew Scriptures in...</b> Harvard University	<b>Core Concepts in Chemistry</b> Duke University	<b>Statistics 110: Probability</b> Harvard University	<b>Reimagine the Designer</b> TED	<b>Introductiv Algorithms</b> MIT

**New Courses Added**

**iTunes U Courses Now Available**

**iTunes U**  
Download the App

**CHARLES DARWIN & EVOLUTION**

**Ecosystems**

**STANFORD**  
FALL 2011

# iTunes University

- **UF's version is academic based:** Emphasis on class-related delivery, not Public
- **Accessible Through iTunes**
  - ❖ Media can be streamed or downloaded
  - ❖ Media can be synced to iDevice, like iPhone/iPad
  - ❖ Bit of a learning curve
- **UF Academic Technology**
  - ❖ Administrates UF's iTunes University
  - ❖ Visit [Campus Video Services](#) for account setup

# iTunes University

Office of Academic Technology

iTunesU Login

Access: None  
Logged In as: You're not logged In

[Home](#) | [Help](#)

## Welcome to UF iTunesU

### To Our Users

Thank you for participating in the UF iTunes U pilot program. You are the first students at the University of Florida to be using iTunes U. So we want to know what you think. [Please take a moment to email us](#) and let us know what you like, what you don't like, or any other thoughts about this service. We will be making enhancements to this system over the course of the semester. Your feedback is critical in helping us shape this service.

Thanks and enjoy!

**You are not logged in to GatorLink, please login below to access this application.**

✦ [Login with your GatorLink username and password](#)

AT Home | Office of Information Technology  
© University of Florida, Gainesville, FL 32611  
HUB 132, E-mail: [helpdesk@ufl.edu](mailto:helpdesk@ufl.edu), Phone: (352) 392-HELP (4357)  
This page last updated: Friday, July 08, 2011

**UF** UNIVERSITY of  
FLORIDA

itunesu.at.ufl.edu



# iTunes University

The screenshot shows the iTunes University interface within an iTunes window. The window title is "iTunes" and it features a search bar with the text "Search University of Flc". The navigation bar includes "Music", "Movies", "TV Shows", "App Store", "Books", "Podcasts", and "iTunes U". The left sidebar contains sections for "LIBRARY" (Music, Movies, TV Shows, Podcasts, iTunes U, Books, Apps, Radio), "STORE" (iTunes Store, iTunes Match, Purchased, Purchased on AI Williamso..., Purchased on AI's iPod), "GENIUS", and "PLAYLISTS" (iTunes DJ, American Public Media, Full Sail University, 90's Music, Classical Music, Music Videos, My Top Rated, Recently Added, Recently Played, Top 25 Most Played, Mark Spencer - Mastering..., October Road).

The main content area features a large banner for the "Institute of Food and Agricultural Sciences" (UF IFAS) with a background image of oranges. Below the banner, there are several sections of educational tracks:

- Florida Extension**
  - Hydroponics**: Last Modified: Mar 1, 2011, Total Tracks: 14
  - Organic Produce**: Last Modified: Mar 1, 2011, Total Tracks: 8
  - 4-H Embryology**: Last Modified: Mar 16, 2011, Total Tracks: 7
  - Molecricket Bio-Control**: Last Modified: Mar 17, 2011, Total Tracks: 7
  - Low Impact Development**: Last Modified: May 3, 2011, Total Tracks: 5
  - Extension Success Stories**: Last Modified: Oct 12, 2011, Total Tracks: 6
  - Florida Sea Grant**: Last Modified: Jan 20, 2012, Total Tracks: 1
  - Shaping Solutions for Florida's Future**: Last Modified: Feb 18, 2012, Total Tracks: 2
- Florida Agricultural Experiment Station**
  - Research Centers**: Last Modified: Jan 23, 2012, Total Tracks: 1
  - 2011 Research Report**: Last Modified: Apr 30, 2012, Total Tracks: 12
- College of Agricultural and Life Sciences**
  - CALS at the Mid-Florida Education Center**: Last Modified: Feb 7, 2012, Total Tracks: 1
  - CALS at the Ft. Lauderdale Education Center**: Last Modified: Feb 7, 2012, Total Tracks: 1

On the right side of the interface, there is a "LINKS" section with a search bar and a single link: "UF/IFAS Home Page". Below this, a paragraph of text reads: "The University of Florida's Institute of Food and Agricultural Sciences (UF/IFAS) is a federal-state-county partnership dedicated to developing knowledge in agriculture, human and natural resources, and the life sciences, and enhancing and sustaining the quality of human life by making that information accessible. While extending into every community of the state, UF/IFAS has developed an international reputation for its accomplishments in teaching, research and extension."

# iTunes University

University of Florida > IFAS > Hydroponic Commercial Production - Video Modules

## Hydroponics

UF/IFAS Extension and Research Faculty  
 Last Modified: Mar 1, 2011  
 Tracks in Video Modules: 14  
[GET TRACKS](#)

**LINKS**  
[Virtual Field Day](#)

**DESCRIPTION**

The Florida greenhouse vegetable industry includes one of the largest operations in the U.S. and many small operations utilize hydroponic techniques to produce specialty crops. The most frequently utilized production system in Florida is soilless bag culture with perlite, rockwool, or peat mixes. Floating hydroponic systems and nutrient film technique are also used for lettuce and some herbs. The modules below provide information on media types, nutrient management, produce varieties and marketing considerations.

**Video Modules**

Name	Time	Artist	Price
1 Media Overview	3:37	Bob Hochmuth, Multi-County Extension Specialist, Small Farm Enterprises	Free <a href="#">GET</a>
2 Soilless Culture	5:24	Bob Hochmuth and Mike Sweat, UF/IFAS Extension	Free <a href="#">GET</a>
3 Rockwool, Peat & Pinebark Media	2:49	Mike Sweat, Baker County Extension	Free <a href="#">GET</a>
4 Coconut Coir Media	3:31	Bob Hochmuth, Multi-County Extension Specialist, Small Farm Enterprises	Free <a href="#">GET</a>
5 Vertical Towers	3:39	Bob Hochmuth and Mike Sweat, UF/IFAS Extension	Free <a href="#">GET</a>
6 Nutrient Film Technique	2:42	Bob Hochmuth and Mike Sweat, UF/IFAS Extension	Free <a href="#">GET</a>
7 Managing Greenhouse Pests	3:11	Bob Hochmuth and Richard Sprengel, UF/IFAS Extension Entomologist	Free <a href="#">GET</a>
8 Greenhouse Concerns with Disease and Other Conditions	5:30	Bob Hochmuth and Richard Sprengel	Free <a href="#">GET</a>
9 Nutrient Examples	5:04	Bob Hochmuth and George Hochmuth, UF/IFAS Horticulturalist	Free <a href="#">GET</a>
10 Establishing Greenhouse Produce Transplants Through Seeding	7:00	Bob Hochmuth and Wanda Lofland, North FL REC Greenhouse Manager	Free <a href="#">GET</a>
11 Transplants in the Greenhouse	5:20	Bob Hochmuth and Le'Lani Davis, North FL REC Hydroponic Manager	Free <a href="#">GET</a>
12 Produce Varieties	4:26	Bob Hochmuth and Dan Cantliffe, UF/IFAS Horticulture Sciences	Free <a href="#">GET</a>
13 Cut Flowers and Herbs	3:14	Bob Hochmuth and Linda Landrum, UF/IFAS Extension Marketing Specialist	Free <a href="#">GET</a>
14 Marketing the Product	7:42	Bob Hochmuth and Linda Landrum, UF/IFAS Extension Marketing Specialist	Free <a href="#">GET</a>

14 movies



# iTunes University

Store Mac iPod iPhone iPad iTunes Support

## iTunes U Support

- Welcome
- Using iTunes U
- iTunes U Course Manager
- iTunes U Public Site Manager

### Welcome to iTunes U Support

Choose a topic on the left to find answers to your questions about iTunes U. For other resources, select an option below.

[Get the latest iTunes software](#)

#### Apple ID Support

Learn more about Apple ID and get help with your account.  
[Start here >](#)

#### Communities

Find and share solutions with iTunes U providers around the world.  
[More >](#)

[apple.com/support/itunes-u/welcome](https://apple.com/support/itunes-u/welcome)

# IFAS Video Servers

- Video – Windows Media Video (wmv)
  - Many departments already have folders
- Ifasgallery – mp4, Quicktime (mov)
- Streaming servers, files do not need to be downloaded
- Files should be monitored and removed when obsolete

# Other Storage and Delivery Options

- **Flickr – 90 sec. limit, 2 uploads/mo**
- **Tumblr – 5 min/day, 100 MB max**
- **SkyDrive – Windows Live, 7 GB free**

# Instructional Design & Video

Use video to emphasize, encourage, supplement:

- Action - constructive learning
- Interaction - collaborative learning

Karppinen, P. (2005). Meaningful Learning with Digital and Online Videos  
Association for the Advancement of Computing in Education Journal,  
13(3), 233-250. Norfolk, VA

# Sakai

- The UF Course Management System (CMS)
- Fully online courses
- Blended courses





# Sakai Tools

Use Sakai to deliver content and instruction:

Announcements

Assessments

Assignments

Calendar

Discussions

Gradebook

Lessons

Syllabus

# Sakai Tools & Video

Use Sakai to deliver video for action & interaction:

Announcements

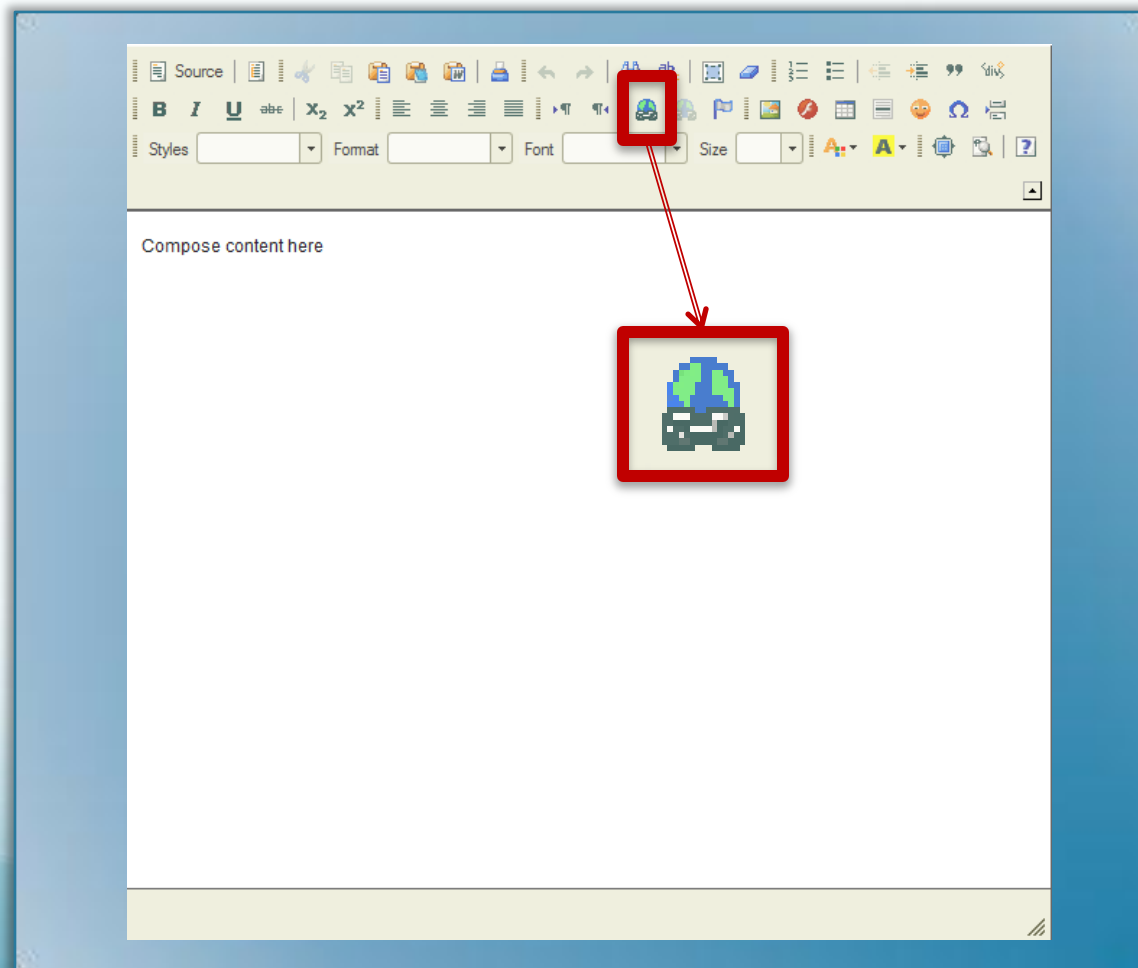
Assignments

Discussions

Lessons

# Sakai Web Editor

- What You See Is What You Get (WYSIWYG)



# Sakai Video

- Linking and embedding video from YouTube:

<http://www.youtube.com/watch?v=7qqTLiHdmZk>



# VoiceThread

The screenshot shows the VoiceThread website interface. At the top is a dark navigation bar with the 'vt' logo and links for 'About', 'Products', 'Support', 'Browse', 'Create', and 'MyVoice'. A user email 'rkthomas@ufl.edu' is visible on the right. Below this is an orange banner with the text 'VoiceThread for the University of Florida'. The main content area features a large video player on the left showing a woman in a green jacket, with a play button overlay. To the right is a smaller thumbnail of the same woman. Below the video player is a grey box with the text: 'Welcome to VoiceThread; a new service offered by Academic Technology to support teaching and learning.' It also includes links for 'NEED ASSISTANCE?', 'Training Classes', and 'VoiceThread Support'. The footer contains a grid of links: 'About' (Digital Library, Blog, Press, Jobs), 'Products' (K-12, Higher Ed, Business, Pro, Mobile), 'Support' (How To, Resources, Contact), 'Account' (Shopping Cart, Purchases, Exports, Notifications), and 'Terms of Use' (Copyright © 2012 VoiceThread LLC, All rights reserved).

<http://ufl.voicethread.com>

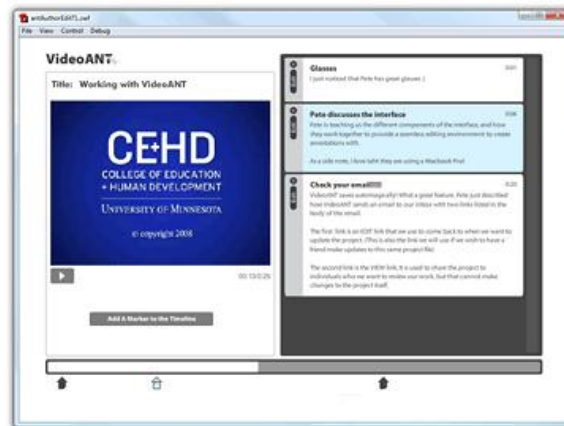


# VideoANT

## WELCOME TO VideoANT!

*An online environment synchronizing  
web-based video with timeline-based text annotations.*

2.0 *beta*



Visit the [VideoANT Blog](#), the [ATS Website](#), or click below to begin.  
To take a tour, click below and leave the URL field as "sample.flv"

[Click Here to Launch VideoANT!](#)



<http://ant.umn.edu/>

# Examples

Play

<http://ant.umn.edu/vav.php?pid=63786964520880>

Edit

<http://ant.umn.edu/vae.php?pid=1333478928>

Embed

<http://ant.umn.edu/embed.php?projID=1333478928>

# TEDEd



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652 Flips  
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# Lesson Highlights

## Lesson Title

Use this title or choose your own.

## Press Play

Video can play while working through lesson.

## Meet the Creators

View profiles of the experts who made this lesson.

The screenshot shows a browser window displaying a TED-Ed lesson page. The page title is "The Power of Simple Words" with 39 Lesson Views and 10 Flips. The main content is a video player with a play button and a cartoon character shouting "AMBULATE THIS DIRECTION!". Below the video are sections for "About This Video", "Meet The Creators" (listing Terin Izzi, Educator and Sunni Brown, Animator), and a "Flip This Lesson" button. A red navigation bar at the top contains "Browse by Featured Series Subject YouTube".

## Quick Quiz

Five multiple choice provided. Can choose which to include.

## Think

Short answer questions. Select which to include.

## Dig Deeper

Resources for discovering more about the topic.

## What does "Flip This Lesson" mean?

"Flipping" a video allows you to turn a video into a customized lesson that can be assigned to students or shared more widely. You can add context, questions, and follow-up suggestions to any video on TED-Ed or YouTube. [Learn more about flip teaching.](#)



# Questions?





# Thanks for coming!