



Video, Video, Everywhere!

Nancy Hendrickson, Director of Academic Technology, St. Catherine University



Video Growth in Learning Environments

- ▶ [Effect of Video in Education](#)
- ▶ Existing Video – YouTube
 - ▶ Subscription Services – [Video Databases at St. Kate's](#) *(Click the “Videos” Tab)*
 - ▶ Films on Demand
 - ▶ VAST
 - ▶ Nursing Education in Video



Video Growth in Learning Environments

- ▶ **Instructor-Created Video Incorporated in Hybrid/ Online Courses**
 - ▶ [TED TALK – Salman Kahn \(Kahn Academy\)](#)
- ▶ **Ways to Use Instructor-Created Video** *(Particularly for hybrid/ online courses)*
 - ▶ Welcome
 - ▶ Overview of Content
 - ▶ Lecture & Explanation & Correction
 - ▶ Demonstration
 - ▶ Summarize



Video Growth in Learning Environments

▶ **Learner-Created Video**

- ▶ Presentations
- ▶ Skill Demonstrations (EX: Nursing; Teaching; Public Speaking; Marketing Messaging)
- ▶ Interviews
- ▶ Community Engagement
- ▶ Endless Options!

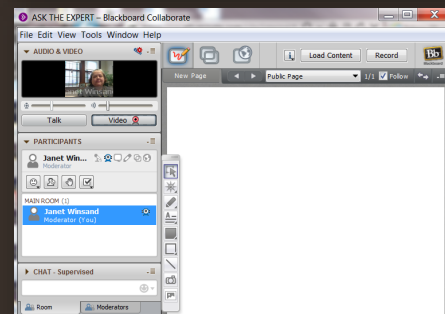
Video Growth in Learning Environments

► Synchronous Session Recordings

- Lecture-Capture Video - Records What Happens Face-to-Face in the Classroom or at a live event



- Video Conferencing Session Records Synchronous Virtual Event – Each Participant Joins Remotely (This screenshot is Blackboard's **Collaborate** – integrates with many LMS's)



A decorative graphic on the left side of the slide. It features a thick yellow vertical bar. From the right edge of this bar, a yellow arrow points horizontally to the right. Several thin, curved yellow lines originate from the area around the arrow and curve upwards and to the right, extending across the dark background.

Ways Video is Created



Ways Video is Created

- ▶ Lecture Capture Tools – “Appliance” devices in classrooms
 - ▶ [Tegrity](#)
 - ▶ [Echo360](#)
 - ▶ [MediaSite](#) (Sonic Foundry)
- ▶ Lecture Capture Tools – No Appliances
 - ▶ [Panopto](#)
 - ▶ [TechSmith Relay](#)
- ▶ Lecture Capture Tools – OPEN Source
 - ▶ [Opencast Matterhorn](#)
 - ▶ [Kaltura](#)

Ways Video is Created

► Traditional Video Cameras



► Small Point & Shoot Cameras



► CELL PHONES !!!!





Ways Video is Created

- ▶ **Video Conferencing Tool Recordings** *(These are just a few of many!)*

- ▶ [WebEx](#)
- ▶ [GoToMeeting](#)
- ▶ [Adobe Connect](#)
- ▶ [Blackboard Collaborate](#)
- ▶ [Big Blue Button](#)

Ways Video is Created

► Animation Tools

- [GoAnimate](#)
- [PowToon](#)
- [MakeWebVideo](#)
- [Voki](#)



(Click the image above to play the 1 minute message)

(Click the "Bug" above to hear an online course weekly intro)

A decorative graphic on the left side of the slide. It features a thick yellow vertical bar. From the right edge of this bar, a yellow arrow points horizontally to the right. Several thin, curved yellow lines originate from the area around the arrow and curve upwards and to the right, extending across the dark background.

Ways Video is Delivered to Learners

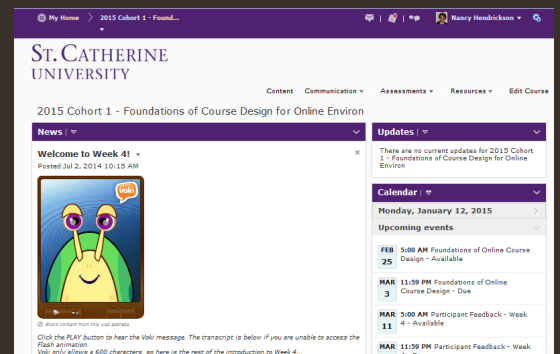


Ways Video is Delivered to Learners

- **From an Online Video Repository/Host Connects to YOUR Online System**
- **Repository Does Critical Tasks**
 - Processes video into multiple formats so can be viewed by multiple devices
 - Allows creation of the “player” (determine size & features; add branding; add closed captioning)
 - Provides the URL link and/or embed code to connect to the video
 - Provides place to store critical information (copyright; licensing)
 - Provides usage statistics
- **Examples:**
 - [Vimeo](#)
 - [Kaltura](#) (Hosted or App on Own Servers)
 - [HelixMediaLibrary](#)

Ways Video is Delivered to Learners

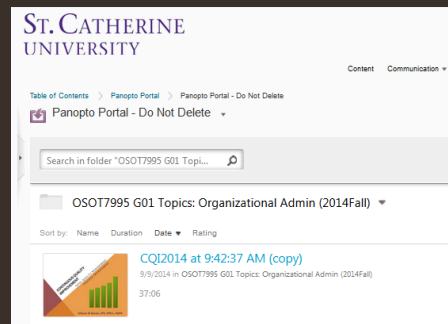
- ▶ Embedded within the Learner Management System (or Web page)
- ▶ Uses Embed Code



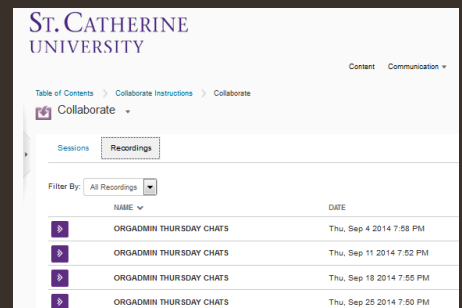
Ways Video is Delivered to Learners

► From a Portal integrated into the LMS or a website

► Example: Panopto Capture Recordings



► Example: Collaborate Synchronous Classroom Recordings





Ways Video is Delivered to Learners

▶ Online Video Viewing Site

- ▶ YouTube – very familiar, but not too easily “manageable” on a large scale

▶ Organization Level Video Site - for YOUR Organization

- ▶ Public Page if Desired

- ▶ Protected Area – Login Required

- ▶ Organize Video by Topic, Program, Department

- ▶ Channels – Only for specific members

- ▶ Example: [St. Kate's MediaSpace](#) *(provided through Kaltura)*

A decorative graphic on the left side of the slide. It features a thick yellow vertical bar. A yellow arrow points horizontally to the right, overlapping the bar. Several thin, curved yellow lines sweep upwards and to the right from the bottom left corner.

Closed Captioning at St. Kate's



Closed Captioning at St. Kate's

- ▶ **Cost is a Factor**

- ▶ There are a growing number of transcription services – many that will integrate with various video hosting sites, but cost is usually \$60-\$150 per hour of video

- ▶ **St. Kate's uses [Voxcribe](#) as the initial “speech to text” converter tool**

- ▶ Requires time investment to put the video through Voxcribe (installs on a desktop computer) and then make some corrections

- ▶ Outputs an XML or SRT file for upload into video repository (EX: Vimeo or Kaltura) or lecture capture file (EX: Panopto)

- ▶ Current cost is \$56.00 for 960 minutes – Less than \$.06 per minute

Closed Captioning at St. Kate's Panopto Recording (*lecture capture*)

St. CATHERINE UNIVERSITY | Powered by Panopto | Wk2: Foundations of Online Course Design - Part 1 | Help | Nancy Hendrickson | Sign Out

Search this recording

Contents	the delivery mode, planning	
Captions	should begin by surveying the end results. What are the learning outcomes,	1:47
Notes	What are the learning outcomes,	
Bookmarks	also referred to as learning objectives, that you want students to obtain by the end of your course?	1:51
Comments		
Hide		
	Since the learning outcomes inform the process of designing instruction	2:00
	by guiding priorities, activity choices, assignments and assessment methods,	2:05
	we need to look at those end results and then work backwards. This process is known as "backwards design."	2:10
	Perhaps you are familiar with the work of Jay McGighe and Grant Wiggins in their book "Understanding by Design"	2:18
	which popularized the phrase "backwards design" and led many individuals to the	2:24

1. Begin with Student Learning Outcomes

COURSE DELIVERY → Student Learning Outcomes

6

2:07 -11:53 Quality Hide

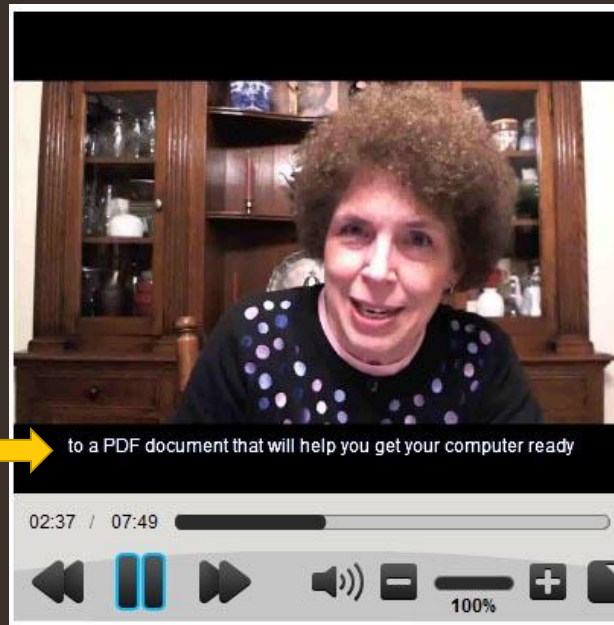
1. Begin with Student Learning Outcomes 1:40

1. Begin with Student Learning Outcomes 1:59

1. Begin with Student Learning Outcomes 2:36


Closed Captioning at St. Kate's Kaltura Video

This video file was created with a Logitech C910 webcam. We put the video through Voxcribe to produce the closed captioning. Corrections and punctuation had to be added to the initial transcription Voxcribe produced. End output was an XML file. We uploaded the video file to Kaltura (our video database) and then added the XML file. We used Kaltura tools to create the "player" we needed and then pulled the embed code from Kaltura to put in our LMS.



Closed Captioning at St. Kate's Panopto Recording (lecture capture)

▶ Saturday, January 10, 2015 at 4:11:27 PM

Overview	Session Information	
Share	Name	Saturday, January 10, 2015 at 4:11:27 PM Edit
Outputs	Folder	NURS6005 G01 Introduction to Epidemiology (2015Spring) Edit
Streams	Viewer link	https://stkate.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=bb
Search	Owner	Panoptod2l\nehendrickson@stkate.edu (Nancy Hendrickson) Edit
Captions		
Manage 		
Log		

Closed Captioning at St. Kate's Panopto Recording (lecture capture)

▶ Saturday, January 10, 2015 at 4:11:27 PM

Overview	Captions
Share	No captioning services are enabled or you do not have permission to request captions, administrator.
Outputs	
Streams	
Search	
Captions	Upload Captions
Manage	<input type="button" value="Browse..."/> No file selected.
Log	<input type="button" value="Upload Captions"/>

Closed Captioning at St. Kate's Panopto Recording (lecture capture)

▶ Wk2: Foundations of Online Course Design - Part 3

Overview

Share

Outputs

Streams

Search

Captions

Manage

Log

Last Captioning Request

Status

Captions Imported

Requester username

Panoptod2\nehendrickson@stkate.edu

Service level

Uploaded File

Request sent

6/18/2013 1:16:11 PM

Captions received

6/18/2013 1:16:11 PM

Last update

6/18/2013 1:16:11 PM

Session length

10:30

Captions

Captions are available for this session. To request or upload new captions, delete the current captions.

Delete Captions



QUESTIONS?

Thank You!

Nancy Hendrickson
nehendrickson@stkate.edu
651-690-8695