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Campus-wide Podcasting: Simple and Cost Effective with Camtasia Relay

David Antonacci

University of Kansas Medical Center, dantonacci@kumc.edu

Jameson Watkins

University of Kansas Medical Center, jwatkins@kumc.edu

Michael Ciolek

University of Kansas Medical Center, mciolek@kumc.edu

Mark Grabendike

University of Kansas Medical Center, mgrabend@kumc.edu

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Campus-wide Podcasting

Camtasia Relay™
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Simple and Cost Effective
with Camtasia Relay

David Antonacci, Jameson Watkins,
Michael Ciolek, & Mark Grabendike
University of Kansas Medical Center
SIDLIT 2009
July 30, 2009

Selection Process

- Identified Problem
- Assessed Needs
 - Really Simple Presenter Interface
 - Capture Computer Audio and Video
 - Authentication and Authorization
 - Flexible File Formats
 - Automated Workflow and File Management
- Evaluated Products
- Selected Product

Camtasia Relay Demonstration

- Faculty
- System Administrator
- Student, including iTunes U integration

Server Installation & Configuration

- Virtual Server with 4 CPUs, 4Gb RAM available if needed, 50Gb available disk space
- Three simultaneous encodings license
- LDAP

Classroom Integration

- Tailoring to Existing Classroom Configuration
 - Client Installation
 - Sound System
- Scheduling & Equipment Checkout



Administration & Workflow

- Promotion
- Request Form
- Faculty Needs Assessment
- Faculty Training
- CR Setup



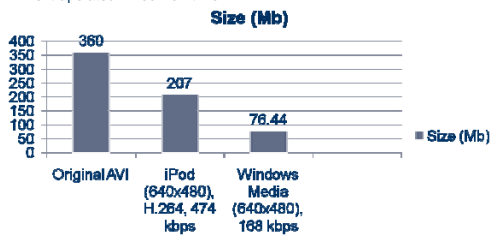
<http://www2.kumc.edu/ir/tlt/podcasting>

File Management

- Formats – Windows Media, Quicktime (MP4), MP3 audio, Flash, Camtasia, AVI
 - Resolution (640x480 is fine)
 - Data Rate (168 kbps is fine)
 - Frames Per Second
 - Keyframes – 100 or 200

File Sizes

5 minute video containing PowerPoint slides, web browsing, LMS, extrapolated 1 hour run time



Lifecycle Management

Managing creation & distribution is the easy part.



Things to consider:

- How long should the presentations be available?
- How will you know when it's done being used?
- How will you archive/dispose of the file?
- How much file storage will you require for a semester's growth?

One Class File Examples

MP4: 1 week (3 x 1 hour sessions) = 621mb

MP4: 1 semester (15 weeks) = 9.3gb

WMV: 1 week (3 x 1 hour sessions) = 228mb

WMV: 1 semester (15 weeks) = 3.4gb

50 classes/semester: MP4 = 500gb

50 classes/semester: WMV = 170gb

iTunes U Integration



- iTunes application used as distribution tool
- 500gb free storage on Apple's servers
- Authenticates against our LDAP
- Authorizes based on custom scripts uploaded of enrollment data
- Custom web app written to combine course line numbers into single podcasting course

iTunes U Integration

STEP 3: Update/Delete Course Group LOGOUT

To edit this group, make changes and click 'Update'. To remove this course group, click 'Delete'.

Details:

Subject Code:	NURS
Catalog Nbr:	421
Term:	Fall 2009
Course Name:	Nrs CH1 Crsp/CI Lib
Instructor/Descr:	<input type="text" value="Sutwin"/>
CR Destination Date:	<input type="text" value="12/31/2009"/>
Remove from iTunes Date:	<input type="text" value="12/31/2009"/>
Stop Auto-Student_Add Date:	<input type="text" value="12/31/2009"/>
Line Class Numbers:	<input checked="" type="checkbox"/> 21457 <input checked="" type="checkbox"/> 21459 <input checked="" type="checkbox"/> 21461 <input type="checkbox"/> 21463 <input type="checkbox"/> 21465

[DN 876] Interventions for the Preventi...

KU SCHOOL OF ALLIED HEALTH
Department of Obesity and Nutrition
Last Modified: Jun 30, 2009
Tracks in Lectures: 4

DESCRIPTION
This course emphasizes obesity in a population group ranging from childhood to the adult. Course materials will examine the impact of obese conditions on disease development throughout the life cycle. The course will critically analyze current evidence focused on interventions used in the behavioral and clinical management of overweight and obese individuals in community and clinical settings.

Prerequisites: Consent of instructor

#	Name	Time	Artist	Album	Price
1	Lesson 1- Introduction and Evidence-Based Guidelines -...	2:19:02			Free
2	DN876-Etiology of Obesity - iPod - 20090616 02:05:2319H	1:39:24			Free
3	DN876-Adult Exercise Interventions - iPod - 20090630 0...	39:07			Free
4	DN876-Adult Behavioral Strategies - iPod - 20090630 0...	34:03			Free

Best Practices

- Upfront Buy-in
- Pilot Process
- Make It Fit with What You Have!
- Virtualized Server Environment
- Coordinate Support Units
- WMV and MPEG-4 (640 x 480)
- Pedagogical Support

Camtasia Relay™
by TechSmith

Questions ???

<p>Dave Antonacci</p> <ul style="list-style-type: none"> - Teaching & Learning Tech - dantonacci@kumc.edu - (913) 588-7144 	<p>Mike Ciolek</p> <ul style="list-style-type: none"> - Instructional Services - mciolek@kumc.edu - (913) 588-0423
<p>Jameson Watkins</p> <ul style="list-style-type: none"> - Internet Development - jwatkins@kumc.edu - (913) 588-7387 	<p>Mark Grabendike</p> <ul style="list-style-type: none"> - Instructional Services - mgrabendike@kumc.edu - (913) 588-7371
