Lecture Capture Technologies: Using Camtasia Relay to Create Screencasts

Do you need to be able to cover new material in classes that won’t meet on holidays? Are there other days you will miss because of conferences or professional meetings? Do you have a need to demonstrate how to use software to students (create a screencast)? This workshop is for faculty who are interested in recording lectures and screencasts for students to view online at a later time.

David Wicks | Assistant Professor | Director of Instructional Technology Services | Seattle Pacific University | dwicks@spu.edu
Goals

• Learn about research in support of lecture capture technology.
• Learn about the features of various lecture capture technologies available to faculty.
• Examine examples of recordings.
• Learn how to get access to Relay at SPU
• Learn how to plan a lecture capture.
Do students want online lecture content?

82% Prefer online lecture content
18% Don't want online lecture content

Source: Insights regarding undergraduate preference for lecture capture, Veeramani & Bradley, 2008)
Does podcasting influence class attendance?

- 79% No effect
- 16% Increase skipping
- 5% Decrease skipping

Source: Podcasting at the UW: An Evaluation of Current Use. Lane, Cara (2006)
<table>
<thead>
<tr>
<th>Feature</th>
<th>Adobe Connect</th>
<th>Adobe Presenter</th>
<th>Jing</th>
<th>Camtasia Relay</th>
<th>Audacity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Authoring Platform</strong></td>
<td>PC/Mac</td>
<td>PC</td>
<td>PC/Mac</td>
<td>PC/Mac</td>
<td>PC/Mac/Linux</td>
</tr>
<tr>
<td><strong>Real-time Participant Interaction</strong></td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td><strong>PowerPoint</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Whiteboard</strong></td>
<td>Yes</td>
<td>No</td>
<td>Possible</td>
<td>Possible</td>
<td>No</td>
</tr>
<tr>
<td><strong>Screencasts over five minutes</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td><strong>Offline replay</strong></td>
<td>Possible</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Talking head</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Possible</td>
<td>No</td>
</tr>
<tr>
<td><strong>Video clips</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Not really</td>
<td>Not really</td>
<td>No</td>
</tr>
<tr>
<td>feature</td>
<td>Adobe Connect</td>
<td>Adobe Presenter</td>
<td>Jing</td>
<td>Camtasia Relay</td>
<td>Audacity</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>---------------</td>
<td>----------------</td>
<td>-------------------</td>
<td>----------------</td>
<td>----------</td>
</tr>
<tr>
<td>Chat</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Record one slide at a time</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Seamless switching between open programs on desktop</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Presentation can be edited later</td>
<td>Possible</td>
<td>Yes</td>
<td>No</td>
<td>Possible</td>
<td>Yes</td>
</tr>
<tr>
<td>Can create an MP3 version of content</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Cost</td>
<td>10K w/annual fee of 2K</td>
<td>Included with Connect</td>
<td>Free</td>
<td>5K w/annual fee of 1K</td>
<td>Free</td>
</tr>
</tbody>
</table>
Advantages of Using Relay

Easy to use
- Setup -> Record -> Publish -> Repeat

Everyone can create
- “Free” capture software with service
- Only need computer & microphone
- High speed connection to upload

All can participate
- Delivers content in common formats
- Windows Media, iTunes U, YouTube, MP3, MP4, Blackboard
Uses since October 2008

Lecture capture

Backup live recording of web conference

Content clarification

Student presentations

Podcasting

Conference recordings

Discussion Board response

Software training

Helpdesk

“Substitute”

Flipped F2F Course Content

Holiday Class Meeting
Lecture Capture
Uses since October 2008

- Lecture capture
- Backup live recording of web conference
- Content clarification
- Student presentations
- Podcasting
- Conference recordings
- Discussion Board response
- Software training
- Helpdesk
- “Substitute”
- Flipped F2F Course Content
- Holiday Class Meeting
Student Presentations
Uses since October 2008

- Lecture capture
- Backup live recording of web conference
- Content clarification
- Student presentations
- Podcasting
- Conference recordings
- Discussion Board response
- Software training
- Helpdesk
- “Substitute”
- Flipped F2F Course Content
- Holiday Class Meeting
A Consensual Qualitative Investigation of Internationalizing the Undergraduate and Graduate Psychology Curricula

Lynette H. Bikos, Ph.D., David R. King, M.A., Nicola F. De Paul, B.A., Rebekah L. Forman, B.A.
7 August 2009

Engaging the culture, changing the world

Seattle Pacific UNIVERSITY
Uses since October 2008

- Lecture capture
- Backup live recording of web conference
- Content clarification
- Student presentations
- Podcasting
- Conference recordings
- Discussion Board response
- Software training
- Helpdesk
- “Substitute”
- Flipped F2F Course Content
- Holiday Class Meeting
Software Training

Part 4 – bPortfolio: Step 1 Create a WordPress Account

This screencast shows Seattle Pacific University Residency Certification students how to set up a WordPress account.
Uses since October 2008

Lecture capture
Backup live recording of web conference
Content clarification
Student presentations
Podcasting
Conference recordings
Discussion Board response
Software training
Helpdesk
“Substitute”
Flipped F2F Course Content
Holiday Class Meeting
“Substitute”
Camtasia Relay Workflow

1. Open application to record
2. Open Relay, choose profile, test audio
3. Record screencast
4. Trim & publish screencast
What is a Profile & why should I care?
Basic Tips

- Standardize on settings when recording a series of podcasts
- Recordings don’t have to be perfect but it’s okay to try again
- Have patience - Efficiency comes with practice
- Eliminate Desktop distractions
- Consider mouse modifications to help students know what you want them to look at on the screen

Narration Tips

- Consider writing a script
- Practice a recording several times
- Include goals or objectives near the beginning
- Try to eliminate exterior noise when recording
- Speak slowly, take your time

How do I get access to Relay?

Log into http://camtasia.spu.edu/relay using Blackboard credentials.

Email its@spu.edu and let us know that you have logged in and want a profile.

Download and install the recorder.
Camtasia Relay Workflow

http://camtasia.spu.edu/relay

- Open Relay, choose profile, test audio
- Record screencast
- Trim & publish screencast
- Open application to record
How do I access/share my content?

You will receive an email with link to content when it has finished rendering.

Copy the link and paste it in Blackboard using the Create External Link option under the Build menu in a content area.

- Recommendation – have content open in a new window.
Comments or Questions?

David Wicks
Director, Instructional Technology
Seattle Pacific University

dwicks@spu.edu
206.281.2290

This work is licensed under the Creative Commons Attribution-Share Alike 3.0 United States License. To view a copy of this license, visit http://creativecommons.org/licenses/by-sa/3.0/us/ or send a letter to Creative Commons, 171 Second Street, Suite 300, San Francisco, California, 94105, USA.