



Screencasting with Camtasia Relay: Flipping Lectures to Gain Flexibility

http://commons.wikimedia.org/wiki/File:5th_Floor_Lecture_Hall.jpg



Goals

Understand
the issue

Define flipping
and chunking

Example

How can
Camtasia
Relay help?

Possible
challenges

Other flipping
candidates

Not a new issue

- Lecture – efficient way to disseminate information
- Instructors outtalk students 3 to 1 and student initiated conversation is almost non-existent (Goodlad, 1984)
- Leaves little time for constructivist practices that may lead to better overall learning results



http://commons.wikimedia.org/wiki/File:Mulloy_o%27higgins_lecture.jpg



Need technology to “flip” what happens in the classroom to allow more in-class time for collaboration, engagement, and reflection

<http://www.flickr.com/photos/sklathill/278059720/>

Ex. 1: “Flipping” Intro EdD course

Challenge: Students entered EdD program from various professional backgrounds, making it difficult to have discussions where all are prepared to participate. Advanced readings alone didn't seem to be enough.

Solution: Used recorded content from Master's level courses as differentiated instruction. Students read/watch/listen to what they personally needed prior to start of first EdD course.

Results: Allowed more in-class time for discussion and greater participation from students coming from non-Education professions.

Capturing content with Camtasia Relay

- Turn lectures into chunks of content or differentiated instruction
- F2F or Record before
- Benefits
 - Helps students with excused absences
 - Use by all as study tool for review and revision
 - Supports individual learning strategies and styles
 - F2F lecture supplement

Camtasia Relay[®]

Seattle Pacific University

Biochemistry (BIO/CHM 4361) - 2011
Ben McFarland

Description
Studies chemical properties of biological compounds: carbohydrates, lipids, amino acids and proteins, and nucleic acids. Metabolism, biochemical energetics, enzymes, electron transport, and oxidative phosphorylation. Integration of metabolism, biochemical genetics, metabolic regulation.

#	Name	Time	Released	Description	Popularity	Price
1	Putting it All Together with DNA Chemistry: PCR and Capita...	28:27	11/09/11	—	★★★★★	FREE
2	Putting it All Together with DNA Chemistry: PCR and Capillary S...	28:24	11/09/11	—	★★★★★	FREE
3	DNA is a Chemical, Which is Bad Because it Means it Can't R...	26:48	11/09/11	—	★★★★★	FREE
4	DNA is a Chemical, Which is Good Because it Means it Can Read...	26:46	11/09/11	—	★★★★★	FREE
5	DNA is a Chemical, Which is Good Because it Means We Ca...	24:33	11/09/11	—	★★★★★	FREE
6	DNA is a Chemical, Which is Good Because it Means We Can M...	24:30	11/09/11	—	★★★★★	FREE
7	Not Just Double Helices: Triple and Quadruple-Stranded DNA...	11:39	11/09/11	—	★★★★★	FREE
8	Not Just Double Helices: Triple and Quadruple-Stranded DNA, a...	11:37	11/09/11	—	★★★★★	FREE
9	DNA's Structure Shows How it Replicates, and Building Intake...	17:57	11/09/11	—	★★★★★	FREE
10	DNA's Structure Shows How it Replicates, and Building Intake...	17:58	11/09/11	—	★★★★★	FREE
11	The Clues about DNA that Everyone Missed in the 1940s	4:48	11/09/11	—	★★★★★	FREE
12	The Clues about DNA that Everyone Missed in the 1940s	4:47	11/09/11	—	★★★★★	FREE
13	The Structure of Nucleotides and of DNA Strands	29:58	11/09/11	—	★★★★★	FREE
14	The Structure of Nucleotides and of DNA Strands	29:55	11/09/11	—	★★★★★	FREE
15	The Fluid Mosaic Model and How Membranes are More Lig...	37:00	11/09/11	—	★★★★★	FREE

View 124 items

Gosper, M., Green, D., McNeill, M., Phillips, R., Preston, G., & Woo, K. (2008). *The impact of web-based lecture technologies on current and future practices in learning and teaching*. Australian Learning and Teaching Council.

Possible challenges

Buy-in

- More work for “same” results

Strategy for creating content

- Record in:
 - Class
 - Office
 - Home

Determine storage location

- Blackboard
- iTunes U
- YouTube
- ?

Why Camtasia Relay?

Ease of use

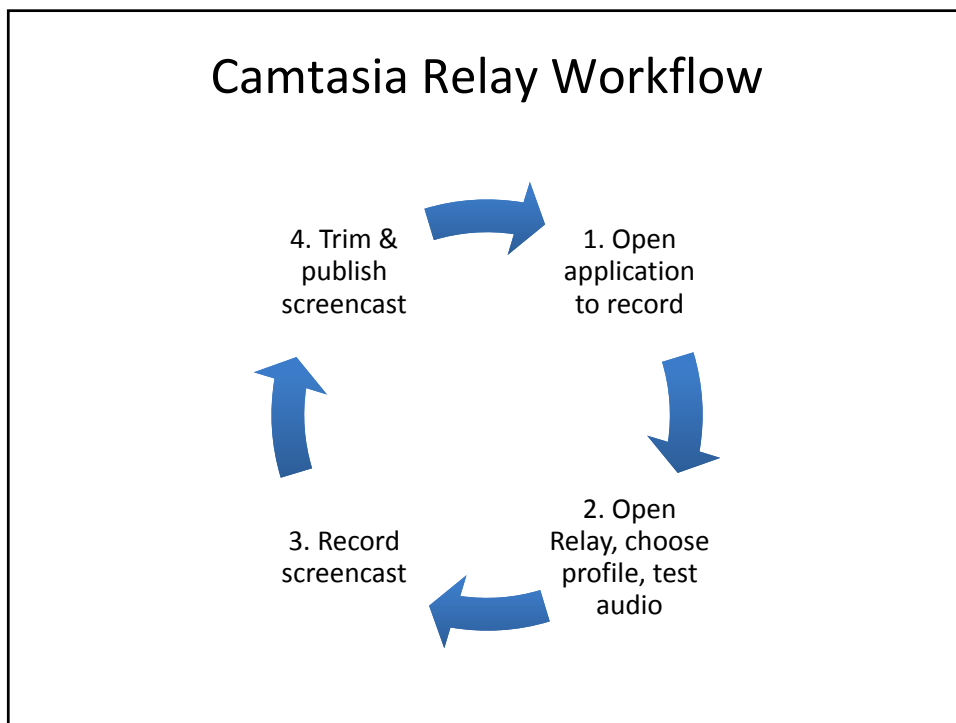
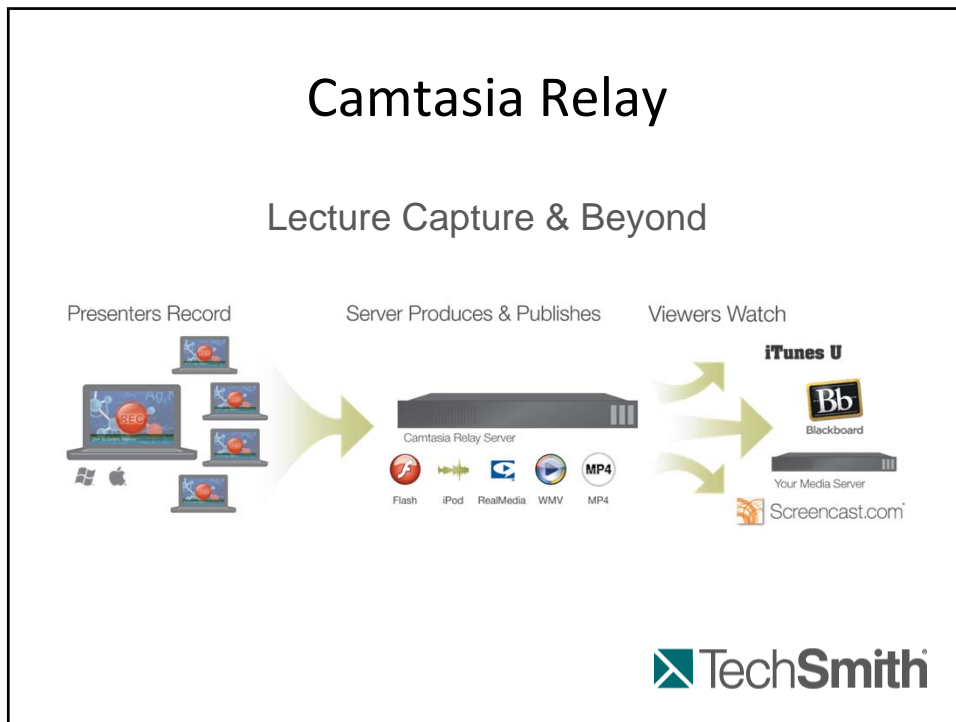
- Setup
- Record
- Publish
- Repeat

Every Prof can create

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

All can participate

- Delivers content:
 - In common formats
 - In familiar locations



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

<http://www.screencast.com/answers/tutorial.aspx?id=403> ¹¹

Narration Tips

Consider writing a script

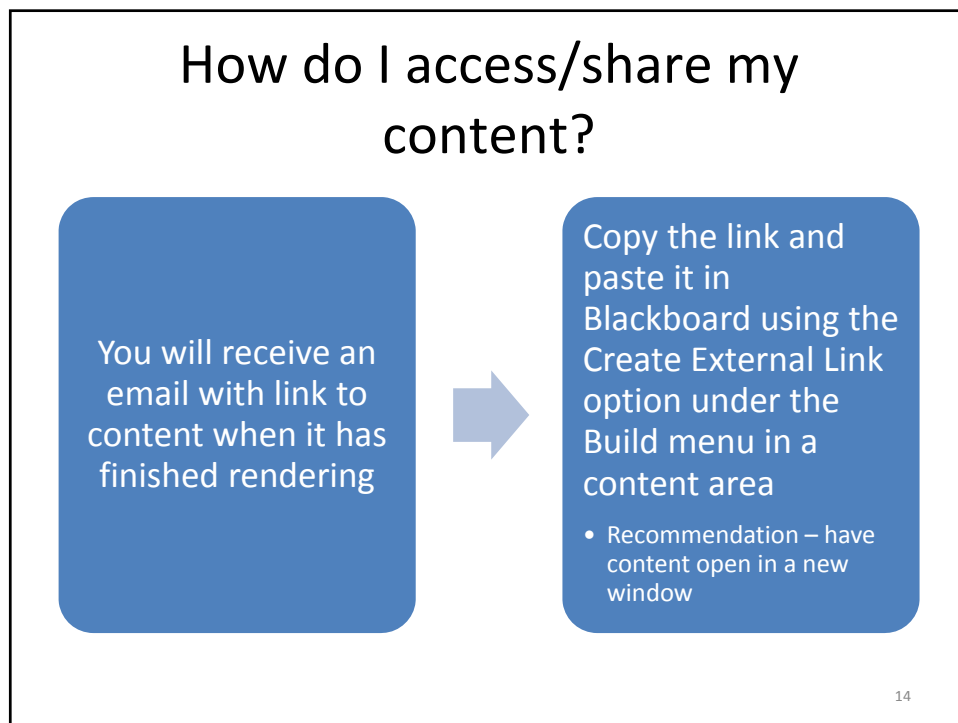
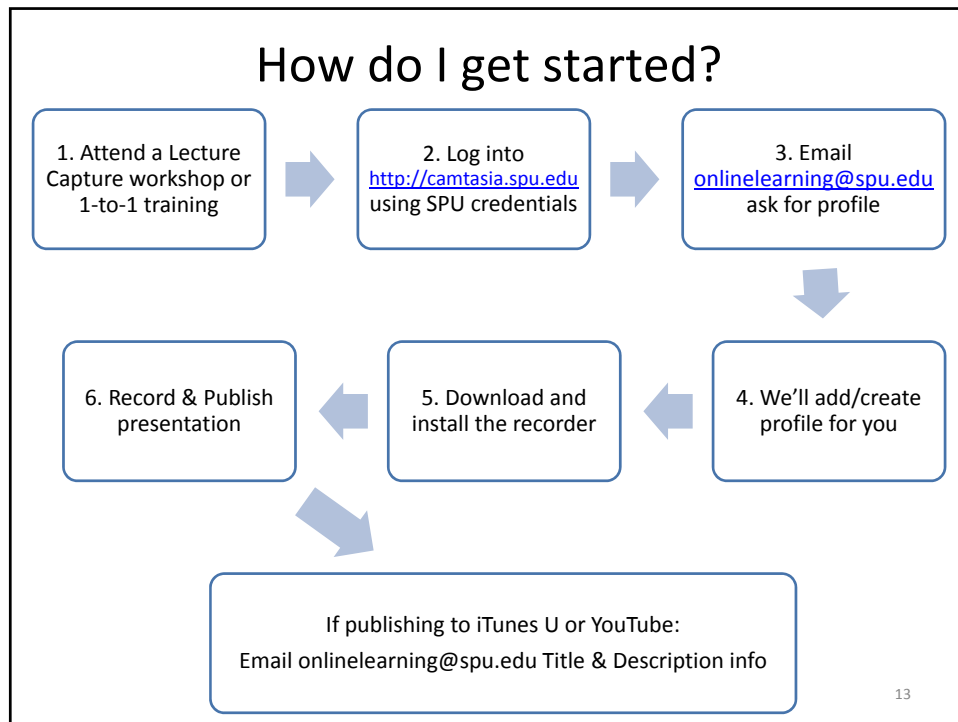
Practice a recording several times

Include goals or objectives near the beginning

Try to eliminate exterior noise when recording

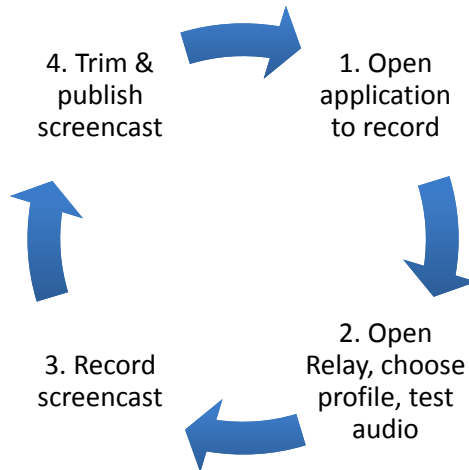
Speak slowly, take your time

<http://www.screencast.com/answers/tutorial.aspx?id=403> ¹²



Camtasia Relay Workflow

<http://camtasia.spu.edu>



Other Candidates for Flipping

Student presentations

Instructor course reflections

Answers to common questions

Software demonstrations

Reuse of conference presentations

Use of OER content

Comments or Questions?



David Wicks
Director, Instructional Technology
Seattle Pacific University

dwicks@spu.edu

Twitter: [dwicksspu](#)

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.

17