

Using Screencast to Facilitate Teaching and Learning

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SCREENCAST  MATIC

A screencast is a digital recording of computer screen output, also known as video screen capture, often containing audio narration.

----- Wikipedia, 2016

A screencast is a digital video and audio recording of what occurs on a presenter's computer screen, and it can be used to create sophisticated, information-rich multimedia narrated presentations.

----- Michael F. Ruffini, 2012

A screencast is a narrated video recording of your computer screen.

Unlike a video recording of a person giving the lecture, in a screencast the person giving the lecture is the presentation material is the person giving the lecture - rather, his or her presentation material is the person giving the lecture.

Multimedia: A Multimedia

Instructor's narration

Dr. Mark Morton

A screencast is a digital movie in which the setting is partly or wholly a computer screen, and in which audio narration describes the on-screen action.

----- O'Reilly Media, 2006

1. Live Screencast

2. Narrative PowerPoint Presentation

3. Offering feedback

1. Live Screencast

Traditional classroom teachers record their computer-based classes from beginning to the end. The recorded screencast video is known as Live Screencast.

Most of the materials are shown with computer instead of using blackboard

1. Length of the video
2. Clear voices

1. Stud

2. Not

3. Exam

4. Flipped classroom

The flipped classroom is a pedagogical model in which the typical lecture and homework elements of a course are reversed. Short video lectures are viewed by students at home before the class session, while in-class time is devoted to exercises, projects, or discussions.

-----*Educause, 2012*

2. Narrative PowerPoint Presentation

3. Offering Feedback

	Screencast-O-Matic	Jing
Time limit	15 minutes	5 minutes
Download format	Mp4/Avi/Flv	Flv
Cursor highlight	Highlighted cursor	No highlight

1. A thoughtful plan
(material, length)

2. A clean desktop
(one folder)

3. A quiet background

4. Editing
(Delete or not)