

**eLearning
in support of
Quantity Surveying Teaching
using
Camtasia Studio**

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Is it necessary?

- Yes!
- Teaching quantification of building and civil engineering is difficult.
- Standard Methods of Measurement assume you are a practitioner with some experience
- Text books on measurement are not written for the student
- Most students do not possess the necessary technology skills to understand the measurement processes

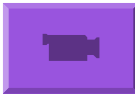
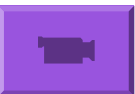
How do we remedy the situation?

- We need to map measurement onto technology
- Can this be done by conventional teaching?
 - yes but it takes a long time
 - you have to spend half the lecture teaching technology, the other half measurement

How can eLearning help?

- eLearning can provide support to conventional teaching by providing on-line resources that attempt to map the technology to the measurement

How do we do that?

- A software product called Camtasia
 - Give me an example then... 
 - Anything else....?
 - Ok, how about a coursework solution 

What is Camtasia Studio?

- Camtasia Studio is a screen capture program that provides editing and a means to produce and distribute your finished production in a variety of formats
 - These can be;
 - Flash, wmv, QuickTime, AVI, RealMedia, iPod and MP3 Audio

How does it work?

- It functions in two ways
 - It can operate in a stand alone mode and capture a region of the screen, a specific window or the entire screen
 - Or it can integrate with PowerPoint

Camtasia Programs

- Camtasia actually comprises of 6 programs, excluding the PowerPoint add-in.
 - Camtasia Audio Editor
 - Camtasia Menu Maker
 - Camtasia Player
 - Camtasia Recorder
 - Camtasia Theatre
 - Camtasia Studio

Camtasia Audio Editor

- This program allows you to create;
 - A new audio file
 - Edit an existing audio, video or image file
 - Edit a recent file

Camtasia Menu Maker

- Provides templates and buttons so that files can be accessed similar to a menu on a DVD on CD

Camtasia Player

- Provides a player to play Camtasia productions


Camtasia Recorder

- The primary program to initiate captures

Camtasia Recorder



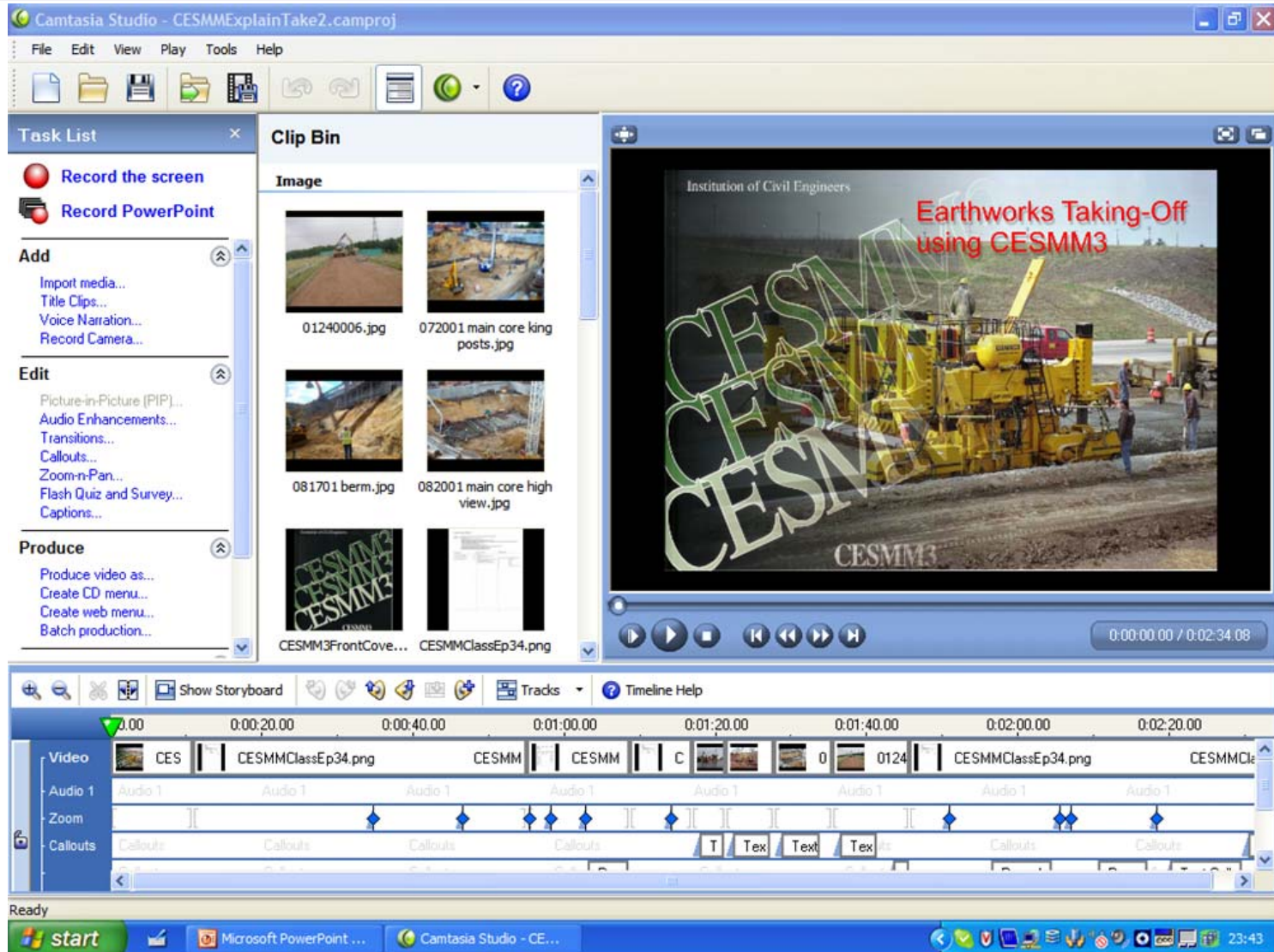
Camtasia Theatre

- Similar to Menu Maker but with more functionality
- Provides a means to display several independent but linked productions together.
- Example... 

Camtasia Studio

- Camtasia Studio is the editing suit that provides tools to edit the video and audio.

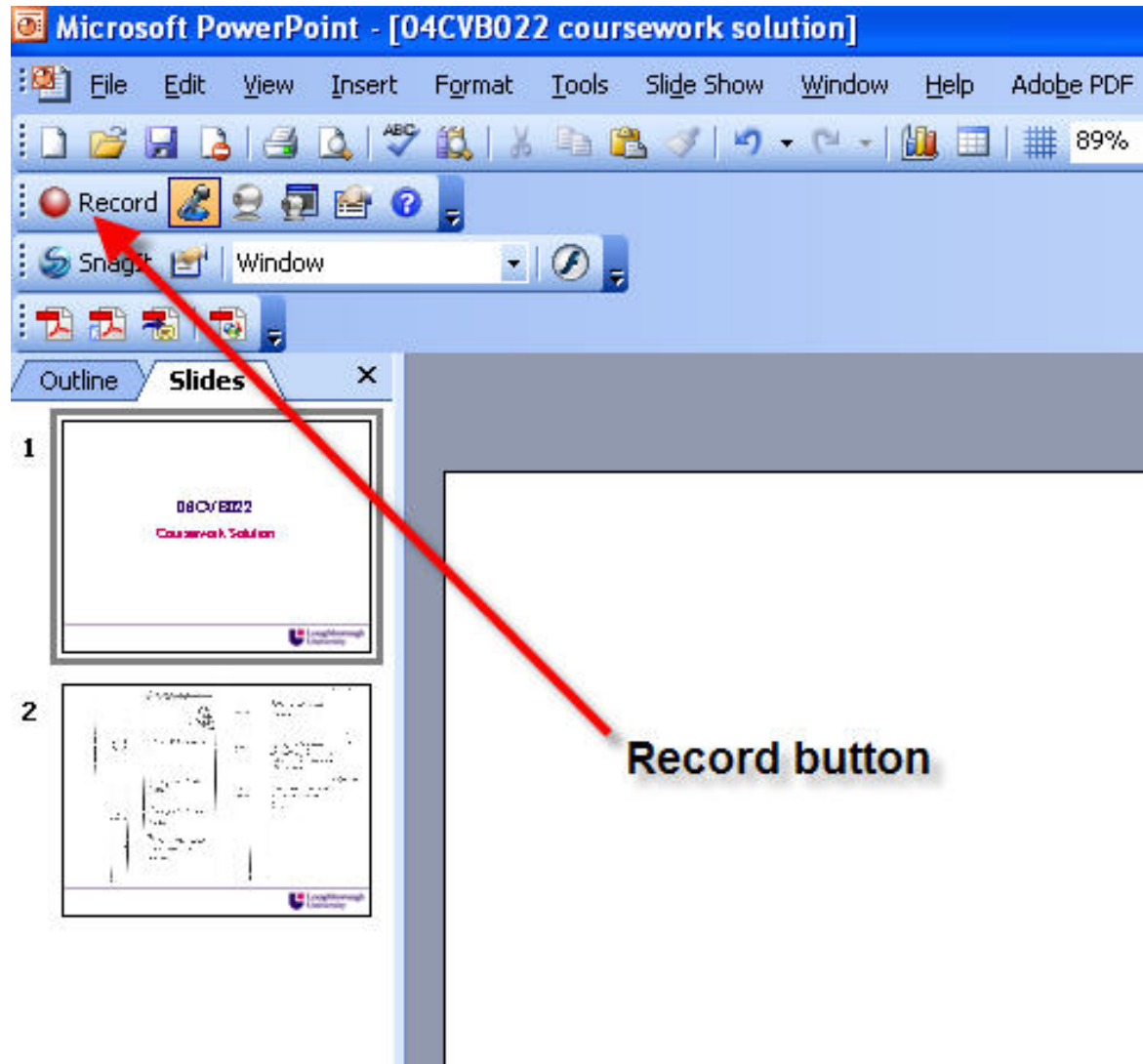
Camtasia Studio



Camtasia PowerPoint Add-in

- When you install Camtasia for the first time you are asked if you wish to load the Camtasia Add-In for PowerPoint
- If you select this option Camtasia will add a few tools to the PowerPoint tool bar

Integration with PowerPoint



TechSmith

- Camtasia Studio can be obtained from:
 - www.TechSmith.com
 - Good high quality tutorials to get you going