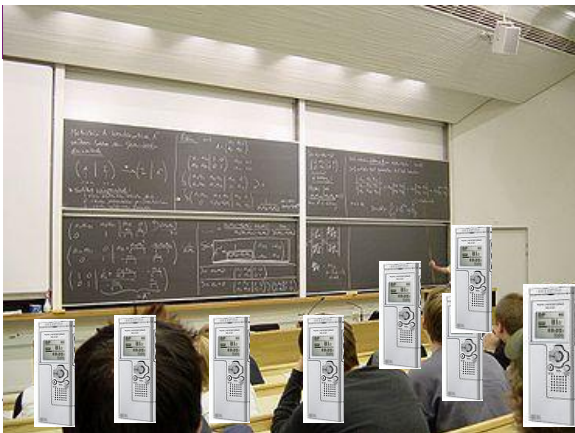
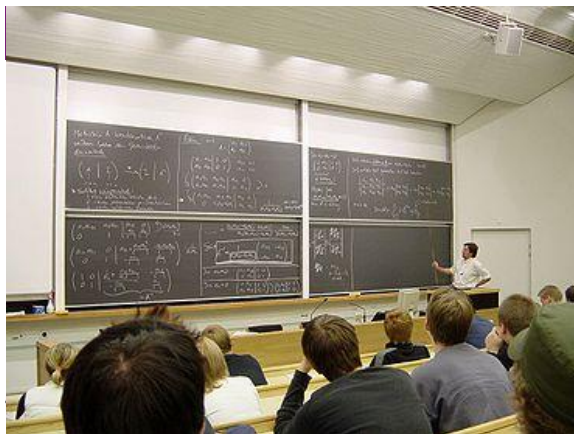






Educational Benefits of Lecture Capture

Kevin Brosnan
University of Stirling

ideas everywhere



Educational Benefits?

-  Deeper learning?
-  More learning?
-  Wider learning?
-  More flexible learning?

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The end of the lecture?



05 February 2010

Nurturing critical minds

15 October 2009

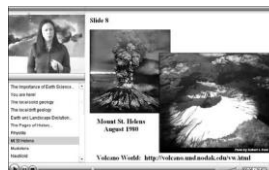
Mary Malcolm Vice-Principal
Academic Development
University of Abertay Dundee

We cannot claim that we are offering students a high-quality experience if we leave them to develop and practise the most advanced skills of independent inquiry on their own.

We cannot assume that merely replicating online what we have already delivered through lectures makes a positive contribution. It can become the "got the T-shirt" approach to teaching and learning, encouraging students to collect materials associated with events they may or may not have attended.

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Previous Work at Stirling



Dr Sandy Winterbottom
School of Biological and
Environmental Sciences,
University of Stirling

"The flexibility was great as my little boy finishes nursery at 6 so I didn't have to attend the 5 - 6 lecture"
"I even managed to do one of them during my lunch break at work one weekend when I was really busy and hadn't had time during the week."

"I liked being able to pause and rewind bits so I could write down notes. I really struggle writing notes in lectures"
"You could take your time, go back over things as many times as you liked and you could use the Internet as you worked for research on topics."

"I liked the idea of having it online so you could watch it when you wanted. Sometimes because of 9 o'clock starts you feel tired and don't take in as much."

"...no one coughing/talking/distraction you from a lecture."
"It is certainly the best revision aid you can get ... your whole lecture all over again."

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Previous Work Elsewhere (1)



Podcasting by synchronising PowerPoint and voice: What are the pedagogical benefits?

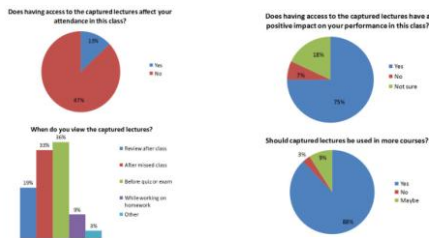
Darren K. Griffin, David Mitchell, Simon J. Thompson

Department of Biological Sciences and Computer Laboratory, University of York, Leicestershire, YO1 7E, United Kingdom

- Place: students have the flexibility to learn in a location of their own choosing provided there is a computer available;
 - Pace: students can learn at their own desired speed and do not have to keep up with the lecturer;
 - Paces: students can choose the time in which they learn picking moments of peace and quiet most appropriate for learning, and
 - Process: students can choose the means by which they learn, selecting the learning process most suitable for themselves.
- Pub: students may choose an inappropriate place of learning such as a public house);
 - Ploof: in the absence of encouragement and peer pressure and where restrictions on time need to more self-imposed, the pace of learning may slow considerably;
 - Procrastinate: the freedom to choose the time in which the students learn may encourage procrastination; and
 - Play: given the freedom to choose their own learning process, students may choose one that is inappropriate, thus not concentrating on the job at hand.

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Previous Work Elsewhere (2)



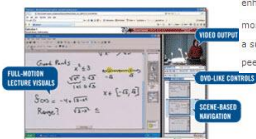
Academic Technology Center - Worcester Polytechnic Institute
<http://www.wpi.edu/Academics/ATC/CollaboratoryNews/lecturecapturing.html>

ideas everywhere

Previous Work Elsewhere (3)



UMASS Lowell conducted a survey that found that 72% of students said that the Echo³⁶⁰ lectures had contributed to their understanding of the subject matter. Later studies of Echo³⁶⁰-enhanced classes showed that the impact on grades was even more striking. Students in Echo³⁶⁰-enhanced Calculus courses had a success rate (a grade of C or better) 11 percent higher than their peers, and received 10 percent fewer Ds, Fs, or withdrawals.



<http://www.echo360.com/customers/umass.asp>

ideas everywhere

Current Work at Stirling Institute of Education

First year modules

Professional Education (ITT)

Professional Education (CPD)

**Seminars are excellent along with having the lectures on WebCT
 *having the recording of the lecture on webct
 Love the fact lectures are recorded and we can listen to them back if we miss something and to help with our essays

For me the main educational advantages are that students can revisit the lectures at any time and in a place that suits them. It potentially removes the need for everyone to be in one room at the same time. This means, in turn, that face to face contact time can be used more effectively in terms of learning processes!

a very useful resource- noting the value of revisiting/ listening again to a lecture in their own time and place of choice... on iPods etc. Also invaluable for absentees- particularly since we do a complete day of teaching - it enables them to listen to full lectures/ presentations as opposed to a shortened [...] catch up summing up the day's work.

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