

Lecture Capture at Swansea University using eStream



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What is Lecture Capture?

“any technology that allows instructors to record what happens in their classrooms and make it available digitally” EDUCAUSE.edu



Consists of software (encoder) installed on the PC and hardware such as microphone and webcam that allows self-capture of audio, primary display and video (not essential)

Where is it available?

Singleton Campus:

- Faraday J
- Wallace 113 **
- Groves 330 & 248
- Grove Purnell
- Grove LT
- Moot Suite Room 122 **

Bay Campus:

- It is planned to be installed in all teaching spaces

** only the lecture theatre PC screen can be recorded

How can it be used?

- Record Lectures
- Record lab demonstrations
- Broadcast events
- Flipping the classroom
- Staff training
- Develop online self paced learning activities
- Peer observation

Benefit students?

- Review material prior to assignment writing or examinations
- Revisit difficult concepts they may have misunderstood
- Reinforce understanding
- Catch up on missed content
- Used as part of face to face, blended, flipped classroom and online course delivery
- Benefits non-native language speakers
- Benefits students with learning or physical disabilities

But they won't come!

We've been here before with the VLE!

Nahash & Gunn 2013, and Holbrook & Dupont; Pursel & Fang, 2012; reported in Karnard, 2013:
“found access to recordings have little to no effect on student attendance at live lectures”

24/9/15 Times Higher Education: Videoing lectures ‘has no impact’ on attendance, says study <http://bit.ly/1OU4C4N>:

Queen’s University Belfast research finds that students use footage to reinforce traditional learning, not replace it

Ford et al 2012, suggest approaches to combat attendance issues:

Emphasis live learning is important, only record difficult topics, release select recording, release to those that attend

Demo/time to play

How to record

Embed recording into your Blackboard module

Editing a recording

Create chapters

More information

Information and users guides:

<https://salt.swan.ac.uk/lecture-capture-estream/>

Times Higher Education article:

<https://www.timeshighereducation.com/news/videoing-lectures-has-no-impact-attendance-says-study>

Al Nashash, H. and Gunn, C. (2013). *Lecture Capture in Engineering Classes: Bridging Gaps and Enhancing Learning*. *Educational Technology & Society*, 16 (1), 69 – 78.

EDUCAUSE. 2008. 7 things you should know about... Lecture Capture. [ONLINE] Available at: <https://net.educause.edu/ir/library/pdf/ELI7044.pdf>

Ford, MB., Burns, CE., Mitch, N. and Gomez, MM. (2012) *The effectiveness of classroom capture technology*. *Active Learning in Higher Education*, 13 (3), 191 – 201.

More information

Freed, PE., Bertram, JE. and McLaughlin, DE. (2013). *Using lecture capture: A qualitative study of nursing faculty's experience*. *Nurse Education Today*, 34 (4), 598 – 602.

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Karnad A. 2013. *Student use of recorded lectures*. [ONLINE] Available at: http://eprints.lse.ac.uk/50929/1/Karnad_Student_use_recorded_2013_author.pdf

Shaw GP. and Molnar D. (2011). *Non-native English Language Speakers Benefit most from the Use of Lecture Capture in Medical School*. *Biochemistry and Molecular Biology Education*, 39 (6), 416 – 420.

Encoder to be installed on your PC: avsupport@swansea.ac.uk

Questions?



@SUsaltteam
#saltlive