Lecture Capture

What is it?

Lecture capture involves recording lectures so that they can be made available digitally later. In lecture theatres with more than 75 seats, automated software can be used that records audio as well as whatever is projected on the screen. Some lecturers may choose to manually record their lectures in smaller theatres, using recording facilities on their computer (desktop recording), or by using a portable recording device. Lecture capture enables students to view, and review, lectures in their own time online. Students can review any lecture content they found difficult and students who missed the lecture can watch it later and keep up. It gives students an opportunity to double-check their notes and spend time getting a deeper understanding of lecture content. Lecture capture is also very useful for students with disabilities, learning difficulties and language differences.

What could you do?

- Ask questions during the lecture that students need to answer after class in online discussion, advising the students to review the lecture to clarify their understanding before answering the question.
- Create an online quiz based on the lecture material with immediate feedback so students can check their understanding.
- Ask students to review the lecture and either write a private journal reflection on one key topic or to start a discussion in the discussion area of Blackboard.
- Watch your recorded lecture later to help you reflect on your teaching.
- Consider using your recorded lectures in future years to shift towards a flipped classroom approach. The lecturing part of your course can move online and allow for more interactive activities such as student discussion and problem based learning during your face-to-face time.
- Record guest lectures that may not be accessible to students in later courses.

Tips

- Remind students that lecture capture does not replace attendance at lectures, rather it supplements it.
- Repeat student questions before answering them during the lecture so that students listening later know what the question asked was, rather than just hearing the answer.
- Format your slide presentations so that students can skim through the recording to find certain parts. One way of doing this is using slide headings to identify sections.
- Trim the beginning or end of your recordings to remove unnecessary material.
What have people done?

- University of British Columbia Faculty of Medicine academics and students discuss the benefits and challenges of using lecture capture.
- A collaborative project between Macquarie University, Murdoch University, Flinders University and University of Newcastle has resulted in a report entitled: ‘The Impact of Web-Based Lecture Technologies on Current and Future Practices in Learning and Teaching’. Part of the report details case studies of using lecture capture in various contexts.