Lecture Capture / Flipping / Clickers

Darrell Lutey

University of Nevada, Las Vegas, darrell.lutey@unlv.edu

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## Lecture Capture, Flipping, and Clickers

### The Need:
- **Student Success** – UNLV needs to improve retention.
- **Active Learning** - Students prefer more active learning than lecture – use your class time for more active learning by flipping or using clickers.
- **Attendance** – Improve attendance by adopting clickers.

### The Practices:
- **Lecture Capture** – Use UNLV’s Lecture Capture tools allowing students to review your lecture as necessary after classes.
- **Flipping** – Learn about using Lecture Capture tools to create content outside of the classroom, or reuse lecture captures.
- **Clickers** – Use clickers (personal response systems) in your course to activate learning and improve attendance.

### Benefits to Students
- **Lecture Capture** – almost all students benefit from having this resource, whether the student has an excused absence, is a non-native English speaking student and needs to review materials.
  - “there is overwhelming evidence from the recent literature, that LC is not only desired by great numbers of learners in higher education, but that it has enhanced the learning experience for many learners, in some cases leading to significant improvements in learning outcomes.”
- **Flipping** – Have your students review lecture materials at home, and do more active learning in the classroom.
- **Clickers** – improve attendance by adopting clickers and ensure your students are understanding materials.
  - “students and faculty perceive clickers as facilitating student learning, and the data gathered in this study on student grades supports this perception.”

### Resources
- **All these tools are supported by UNLV’s Office of Information Technology** –
  - **Clickers**: [http://oit.unlv.edu/clickers/](http://oit.unlv.edu/clickers/)
  - **Purchasing Clickers**: [http://oit.unlv.edu/clickers/purchasing-your-clicker](http://oit.unlv.edu/clickers/purchasing-your-clicker)
- **Lecture Capture**: [http://www.panopto.com](http://www.panopto.com)

### Adopting The Technology
- **Contact OIT to arrange a consultation**
  - **Lecture Capture**
    - Available to all faculty
    - Minimal prep time – teach the way you teach now
    - Lecture capture is automatically published to Learning Management System
    - Reuse materials to “Flip” your course
  - **Clickers**
    - Available to all faculty, but students must pay for the clickers – approximately $50
    - You can allow students to use mobile devices, and just pay for software
    - Does take extra class time
    - Likely redesign course when adopting technology
    - Start small – then use more as you get more comfortable with technology