Lecture Capture as a Tool for Assessment: Lessons Learned in a Large Public Speaking Class at HKBU

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Four Lessons We Have Learned

• Lecture Capture technology is *relatively* simple to set up in existing classrooms.

• Lecture Capture technology is relatively unobtrusive to use during class sessions.

• Lecture Capture technology is a powerful tool for the public speaking teacher.

• Lecture Capture technology is educationally helpful for the students.
#1 Relatively Easy to Set-up in Existing Classrooms
Sample Hardware Installations at BU

Mobile Solution
- DV Camera
- Capture Card (RCA input)/IEEE 1394 Connection
- Tripod
- USB camera as microphone

Fixed Installation
- DV Camera
- Capture Card (RCA input)
- Tailor-made Height Adjustable Hanger
- USB camera as microphone
#2 Relatively Unobtrusive to Use

Captured Video (Primary Source)

Slides, Screen Capture (Secondary Sources)

Contents, Notes, Search, and Info
Process of Video Capture of Student Presentations

• Students’ presentations (as assignments/assessments) are recorded and stored in a classroom hard disk.

• Videos will be uploaded to the server and available to students within 24 hours after each presentation session.

• Students can review their presentations and improve subsequent presentations based on instructor’s and peers’ comments and feedback.
#3 Powerful Tool for the Public Speaking Teacher

Example: Review of Student’s Presentation
(Including Teacher Feedback on the Right)
Example: Review of Student’s Presentation
(With PowerPoint & Teacher Feedback Notes)

Teacher Comments:

Management???

Overall, it is easy to get your main points as keywords are shown on the screen during your speech and you use 'PITI' for us to remember easily. But you can speak up and look less
the text in the hope of showing your confidence.

Time Management

Management???

Your time is limited, so don't waste it.

-Laozi
#4 Video Capture is Educationally Helpful for the Students

Allows for Self, Instructor, and Peer Assessment

• Assessment of presentations is based on shared, public rubrics.

• Students are able to assess their peers’ presentations outside class time.

• Students are able to develop their assessment skills using the rubrics.

• Students are able to learn from one another.

• Students can make improvements based on their peers’ formative feedback.
Viewing Pattern within a Semester (Section A)

Minutes viewed data current as of: 20/5/2013 12:10:55

Presentation Review for Assessment

Examination Period

Past Day | Past Week | Past Month | Past Year | All Time
Questions?

Thank you!
References

