Effectiveness of Dual-Delivery Mode Using CCC Confer

Amelito Enriquez, Engineering

WHAT I DID: Used CCC Confer to deliver lecture simultaneously to face-to-face students and online students. Recorded and archived audio and video of lectures.

WHY: Initially, to increase enrollment in courses; face-to-face class is too small.

Technology Implementation

No special software or hardware needed.

I use “Teach and Confer” and “Office Hours”. They work exactly the same way!

There are only three buttons I click:
1. Turn on microphone
2. Share desktop
3. Record.
I even ask students to remind me every meeting!

Impact on Teaching

- I now use CCC Confer for all my lectures. I do not need to upload lectures. CCC Confer automatically archives when you record.
- Almost all online and face-to-face students review archives regularly.
- I am less worried about classes being cancelled due to low enrollment.

Drawback:
- Slightly more on-campus students miss lectures.
- I have to watch everything I say now; there is a permanent public record of it!

Impact on Student Learning

Circuits

Retention Success HW Ave Test Ave Final Exam Final Grade

Online 80.00 60.00 70.00 80.00 100.00
On-campus 50.00 40.00 50.00 60.00 80.00

No statistically significant difference in retention, success, and performance of online and face-to-face students despite favorable demographics for face-to-face class (more EE majors; more students taking lab class concurrently.)

How did online students perform so well without “attending” lectures?
They download and review archived lectures!!

Student Survey: Reviewed Archives

Actual number of times:
- Online: 22.5
- On-campus: 3.5

Weekly Every other Monthly Once or twice Never

Online On-Campus