Effectiveness of Dual-Delivery Mode Using CCC Confer

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CCC ⊞ Confer

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!

Teach & Confer is a live interactive classroom to meet with your students.

▶ STUDENT LOG IN

▶ View Teach & Confer Archives

Faculty and students can interact using the phone and the internet for meetings, tutoring, counseling and more.

▶ STUDENT LOG IN
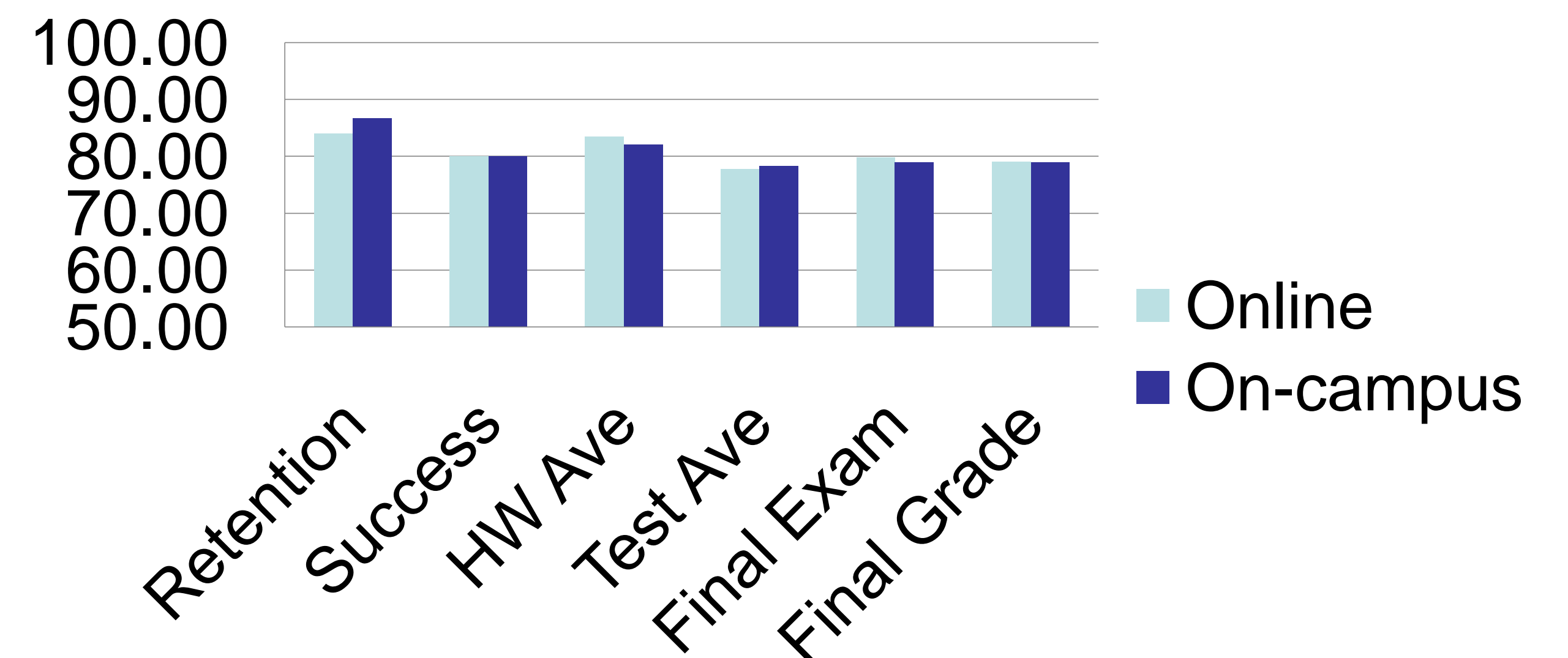
▶ View Office Hours Archives

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

Bar chart comparing Online and On-campus across: Retention, Success, HW Ave, Test Ave, Final Exam, Final Grade (scale 50.00–100.00)

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

Bar chart comparing Online and On-Campus across: Weekly, Every other ..., Monthly, Once or twice, Never (scale 0–70)

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