# Merging Worlds: Hybrid Learning

Todd A. Whittaker

[and Esmail Bonakdarian and Daniel Bell]

Franklin University

whittakt@franklin.edu

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# Who

- **Franklin University**
  - Former YMCA school of commerce
  - Now urban commuter and online
  - Serving predominantly working adults
  - A big small school
    - 1,000 technology students
    - 65-85% online!

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# What

- Face-to-face delivery

# What

- Face-to-face delivery
- Online delivery – 100% computer mediated communications
  - Asynchronous (self-paced)
  - Partially asynchronous (lock-ste
  - Synchronous

# What

- **Hybrid delivery**
    - Many views of hybrid courses
        - A face-to-face course with some online supplements or activities.
        - A face-to-face course that sometimes meets online
        - A course that mixes face-to-face and online students *in the same section.*
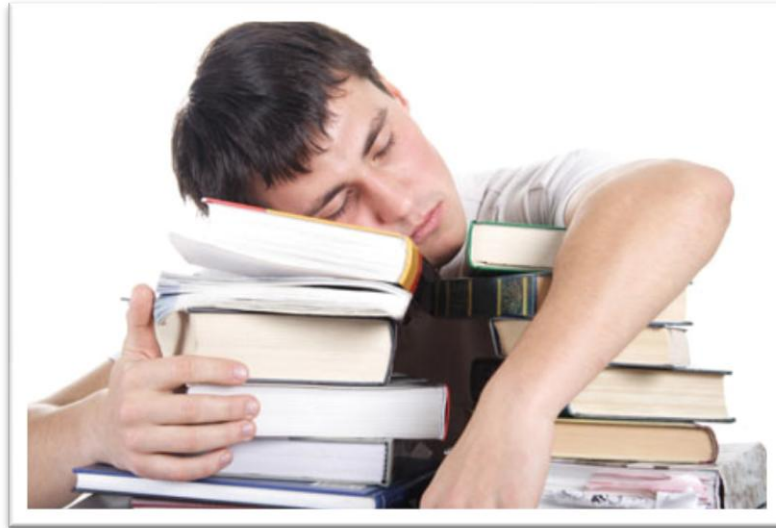
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# Why

- Side effects of 65-85% online
  - Students prefer some form of hybrid
  - Perceptions of quality in asynchronous online
  - Student preferences
  - It's hard to run face-to-face classes!

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# Why

- Its all about engagement!

# Where & When

- COMP 321 – Application Server Programming
  - Fall 2008
  - 15-week, 4-credits
  - Java based
    - JSP
    - Servlets
    - JDBC
    - Frameworks
  - 4 face-to-face, 6 online students

# How

- Course design
  - Self-paced pre- and post-class learning activities.
  - Synchronous time spent:
    - Discussing solutions to pre-class activities
    - Doing live-coding demonstrations via application share
    - Answering questions

# How

- ## Course design
  - – Time allocation

|  | F2F | OL | HY |
|---|---|---|---|
| Synchronous contact | 4 | 0 | 2 |
| Outside activities | 1 | 5 | 3 |
| Readings | 2 | 2 | 2 |
| Assessments | 3 | 3 | 3 |
| **Total** | **10** | **10** | **10** |

# How

- Hleardware

# How

- Software

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# Results

- Survey of students
  - Greater opportunities for participation
  - Held their interest more
  - Enjoyed the synchronous portions
  - Lower drop-rate in the online
  - Both populations preferred hybrid over just plain face-to-face or online.

# Results

- Pitfalls
  - Online student scheduling
  - Teacher training
  - Split attention
  - Outages

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# Questions?

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