Merging Worlds: Hybrid Learning

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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!
What

• Face-to-face delivery
What

- Face-to-face delivery
- Online delivery – 100% computer mediated communications
  - Asynchronous (self-paced)
  - Partially asynchronous (lock-step)
  - 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 \textit{in the same section}. 
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!
Why

- It's 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**

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How

- Hardware
How

• Software
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
Questions?