

Online Instruction in Health Education

It can Do More Than You Might Think!

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Agenda

- ▶ **Online Paradigm**
- ▶ **Opportunities**
- ▶ **Emerging Technologies**
- ▶ **Benefits to Students and Institutions**

Online Paradigm

- ▶ “Education seems to be, in America, the only commodity of which the consumer tries to get as little as he can for his money.”
 - ▶ *Max Leon Forman (1909–1990)*
- ▶ “It’s okay to do some online learning, but not a *real* college level course or program.”
 - *Various Experts(2000–????)*

Online Paradigm

▶ Metrics

- Predictive behaviors correlated to success, not 'after the fact' numbers chasing failure
- New standards of accountability in the classroom

▶ Volume

- Automated Systems Thinking (like Peter Senge)
- Sophisticated Integration is possible – (80/20 rule?)
- More students...and... more insights about each student

▶ Individualized

- Each Student – one at a time, but all at once
- Your classes/programs/curriculum

Opportunities

- ▶ “Free-range” learners – mobile devices, the whole Internet is available, including class.
- ▶ Student–Teacher, Student–Student, Student–Content and Meta–cognitive activities are all individualized...
- ▶ And can be aggregated at various levels for analysis.

Emerging Technologies

- ▶ Engagement Metrics/Academic Analytics/
- ▶ Life/Professional Skills materials interwoven in technical content. (TBLS)
- ▶ Scenario-based simulations (Toolwire)
- ▶ Proprietary desktops available online for 24/7 access from any computer (w/Internet access)
- ▶ Laboratory simulations (Toolwire)
- ▶ Hybrid Laboratory setups (eScience Labs)
- ▶ Exam Proctoring over internet (<http://www.softwaresecure.com>)

Benefits for Students and Institutions

▶ Online & Hybrid

- Higher student performance
 - Individualization
- Synchronous/asynchronous
 - convenience
- Facilities utilization
 - Maximize classroom space
- Technology leveraging
 - Analyses granular and comprehensive
- Increased student satisfaction/retention
- Higher T4 Repayment to satisfy new regulations!?

Sources

Campbell, J., DeBlois, P. & Oblinger, D. (2007). Academic Analytics: A New Tool for A New Era. Educause Review, July/August 2007, 41–56.

Magna Publication. (2006) Faculty Focus, Special Report: Strategies for increasing Online Student Retention and Satisfaction.

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Questions & Answers

Remember: “In education, nothing works if the students don’t.”

Donald E. Simanek (1936–)