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Online Education: What works! What doesn’t!
A Program Evaluation of a Community College
Online Database for Web Applications Class

Qualitative Data Surveys
Past & Current Students

Program Evaluation, Using Mixed Methods

Students like the course content
- Working with SQL commands/skills, learning about databases and the back-end
- A very practical course
- Liked that it was difficult (liked to an extent)
- The information learned and how thorough the course was.

Students like the course structure & design
- The technology used in the course, supported the goals of the course.
- Instructional technology allowed me to achieve my goals.
- The class & professor interaction
- Loved getting the chance to learn by trial and error. The hands on approach really helped and could work at my own pace.
- The final project was structured but left open ended, which gave me some creativity on what type of database to create
- It was straight and to the point.

Program Evaluation

Outside Expert: Review
- “I am not seeing anything that is wrong.”
- “It is good overall.”
- “Overall this course looks nice.”
- “You use the ‘Getting Started’ session to your own version, not just the canned version presented by the school.”
- “You use announcements a lot” “this is good”
- “You use embedded video.”
- “Your use embedded links”
- “Syllabus looks good, provides actual links to needed files for the course, and is high up on the syllabus.”

Course Content
- “Has a roadmap in the front”
- “You have videos in each module”
- “Laid out well, and consistent.”
- “My Grades Section, well organized.”

Student Grades
Track Academic Outcomes

Measure | Spring 2014 | Spring 2015 | Spring 2016
---|---|---|---
Withdrawals | 3 (13%) | 3 (13%) | 3 (13%)
A- to B+ | 18 (75%) | 17 (68%) | 14 (58%)
B- to D+ | 2 (8%) | 1 (4%) | 7 (25%)
D- to D+ | 1 (4%) | 0 (0%) | 1 (4%)
F | 0 | 0 | 0
Web Certificate | TBD | TBD | TBD
Assessment Degree | TBD | TBD | TBD

Future Discussions
- More Quantitative Data needed
- Eight week accelerated format vs longer
- Adhere to prerequisite requirements
- How can we assure continuity of skills across the web certificate program
- Need standardized online course design
- Need training online course design
- Learning strategy based training
- Awareness of all available technology
- On-grown vs. online
- More research include broader community, than a single course

Student Dislikes
- Some book confusion
- Disliked the database administration portion of Murach’s book.
- Unlike the previous chapters
- Early chapters written clearly, the last couple of chapters confusing.
- Uploaded files not being correct
- The textbook was sometimes not very helpful.
- Sometimes the exercises were not clear enough.
- The videos were unhelpful; they were very hard to view and read.

Program Evaluation Questions to Students
1. What did you like about the course?
2. What did you dislike about the course?
3. What suggestions for improvement?
4. Describe the course in one sentence.
5. Describe the course in one word.

Key Words Infographic
Student Evaluations

Students like the learning materials
- The textbook, that the entire book was covered easy was to follow
- Layout of textbook, one page of reading opposite page shorten outline.
- Loved the tutorial videos the Professor made; I’m a visual learner so the videos helped immensely.
- The various online tools & supporting technologies
- The videos were unhelpful; they were very hard to view and read.
- The videos were unhelpful; they were very hard to view and read.

Students like the Professor
- Timely feedback and returning assignments.
- Teaching Style
- Constantly updating us, making videos, and stayed connected with students.
- Availability & flexibility.

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Describe the class in one word
- Time
- Interesting
- Challenging
- Difficult
- Busy
- Essential
- Informative
- Thought-provoking
- Unexpected
- Interesting
- Challenging
- Spectacular

Student Qualitative Survey Results

For more information contact...
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