How we hacked our LMS for Competency Based Education

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Who We Are

- 2012 PRESIDENTIAL DEBATE
- APPLE DISTINGUISHED
- HIGHLY INNOVATIVE
- IPAD POWERED
- 4000 STUDENTS
- 100 FULL TIME FACULTY
JeVaughn has a shared background in both education and business. She currently holds a Master of Science degree in Education, Media Design and Technology, Master of Science in Media Management, and most currently a doctoral student. JeVaughn specializes in creating, presenting, and delivering content through various instructional design methodologies, including interactive delivery, public speaking, creating podcasts, video presentations, and alternative learning methods, including games, music, and multimedia. JeVaughn is determined to use various strategies to increase interest through creative instructional design, training and development, technical writing, project management, and software training. When she is not attempting to change the world of education as we know it, you can find her in the kitchen baking delicious vegan goodies.
Pre-Test
How well do you understand Competency Based Education?
Before we start, let’s play a quick game

DOWNLOAD KAHOOT ON THE APP STORE OR NAVIGATE TO KAHOOT.IT
Competency-Based Education decoded
What is Competency Based Education?

Competency based education allows students to advance based on their ability to master a competency at their own pace.

- **STUDENTS ARE ABLE TO WORK AT THEIR OWN PACE**
- **LEARNING THROUGH VARIED MODALITIES**
- **HIGHER LEVEL OF LEARNING**
TRADITIONAL VS. CBE LEARNING ENVIRONMENT

To learn more about the difference between a traditional and CBE learning environment, click on each step in the process below.
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**TIME**

In traditional learning experiences time is fixed and learning is variable; in a CBE environment learning is fixed and time is variable.
TRADITIONAL VS. CBE LEARNING ENVIRONMENT

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DELIVERY
TRADITIONALLY, EDUCATION IS INSTRUCTOR LED. CBE ALLOWS STUDENTS TO NAVIGATE INDEPENDENTLY USING A VARIETY OF CONTENT TO OBTAIN THE COMPETENCES NEEDED TO ATTAIN MASTERY
TRADITIONAL VS. CBE LEARNING ENVIRONMENT

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PACE
TRADITIONALLY THE PACE OF A COURSE WOULD BE DETERMINED ON THE SEMESTER. CBE ALLOWS PACE TO BE VARIABLE, DEPENDING ON THE STUDENT, THEY CAN MOVE AS FAST OR AS SLOW AS THEY NEED.
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ASSESSMENT
IN A TRADITIONAL SETTING
YOU EITHER PASS OR FAIL
AN ASSESSMENT
CBE ALLOWS THE TIME TO
NEED TO RETAKE AN
ASSESSMENT IF YOU WANT
TO IMPROVE. COURSE
MATERIAL IS FLEXIBLE
GIVING YOU MULTIPLE
ATTEMPTS
TRADITIONAL VS. CBE LEARNING ENVIRONMENT

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EVALUATION

A CBE ENVIRONMENT WILL ALLOW MOST STUDENTS TO SUCCEED
The Tools...

...and the process
WE SAW THE COMPETENCY BASED EDUCATION LIGHT!
The Plan

INVITE SELECT FACULTY TO A PILOT PROGRAM
The Problem

EVERYONE WANTED SOMETHING DIFFERENT
REAL FOOTAGE OF ME AFTER THE MEETINGS
THE TOOL

UTILIZING THE TOOLS WE HAD

CANVAS
Students required to complete 8 topics in a student-led learning environment. There are 14 topics in total.
Problem: How does skipping assignments affect the gradebook?

Solution: Turn off assignment skipping to avoid affecting the gradebook.
Solution: MASTERY PATHS

- CLEAR INSTRUCTIONS FOR STUDENTS
  - YOU CAN ONLY ANSWER NO SO MANY TIMES!

- WELL ORGANIZED MODULES
  - OVERVIEWS
  - LEARNING OBJECTIVES
  - CONTENT
  - ASSIGNMENTS

- MASTERY PATHS
  - AUTO GRADED CANVAS QUIZ
  - ONE QUESTION

- SOLUTION
  - STUDENT DRIVEN PATHS
  - EACH PATH INCLUDED CONTENT USING VARIED MODALITIES
  - EQUAL ASSIGNMENTS
Solution: MASTERY PATHS

- Overview - History of Early Childhood Special Education
- Learning Objectives - The History of Early Childhood Special Education
- History of Early Childhood Special Education - Audio lecture
- Quiz - The History of Early Childhood Special Education
- History of Early Childhood Special Education - Reading Assignment
- Video: A history of Early Childhood Special Education
- Dr. David Franks History of Early Childhood Special Education
- Questions for Dr. Frank's History of Special Education Video
- Key Terms: History of Early Childhood Special Education
Professor B

COMpletely INDEPENDENT AND ONLINE

WEEKLY STATUS UPDATES

COMMUNICATION IS KEY

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ENHANCING DISCUSSION BOARDs

SOLUTION: COLLABORATIVE DISCUSSION
Discussion Board Solution

- **Regular Discussion Board**
- **Collaborative Discussion**
  - Instructor Facilitate
  - Student Led
  - Open Forum
  - Student Engagement

- Embarrassed to Ask for Help
- Don't Understand

Don't understand embarrassed to ask for help
COMPLETE TASKS CHRONOLOGICALLY

EXTREME FEEDBACK

WEEKLY FACE TO FACE SESSIONS

MODERN DAY FLIPPED CLASSROOM

Professor C

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STUDENTS AREN'T FOLLOWING DIRECTIONS
LOTS OF CONTENT

- HUGE MODULES
- ASSIGNMENTS BROKEN INTO SMALL CHUNKS
- EACH PORTION OF THE ASSIGNMENT WAS GRADED
- IF THE GRADE WAS POOR, STUDENTS RETAKE AS NEEDED
- AMAZING END RESULT
- WEEKLY FACE TO FACE UPDATES
Post-Test
What have you learned?
POST TEST

LET’S SEE HOW MUCH YOU REMEMBER
Thank You