An Interdisciplinary Approach to Developing an Online Humanities Course in the Context of Agriculture

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Problem Statement

- Metrics related to student credit hours taught are becoming higher priorities at many institutions

- Agriculture courses are often relatively small in size, when compared to other colleges

- University/College core required courses are usually housed outside of Agriculture

Our Solution

- Develop an interdisciplinary course that meets College and University core requirements for Humanities

ASEC 33100

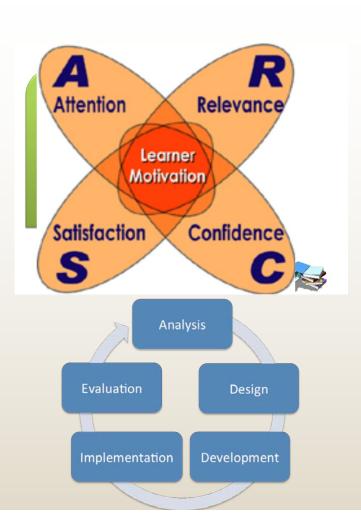The Role of Horses in Human History, Culture and Society

The Process

- Develop an interdisciplinary team
  - Animal Scientist
  - Instructional Designer
  - Equine History Experts
- Use a systems approach to course design
- Gain College of Agriculture approval for College Core (humanities and International Understanding)
- Gain University Curriculum Committee approval for Humanities Core

Equine History Collective

Systems Approach

- ARCS model for motivation (Keller)
  - Attention
  - Relevance
  - Confidence
  - Satisfaction

- ADDIE model for curriculum design
  - Analysis
  - Design
  - Development
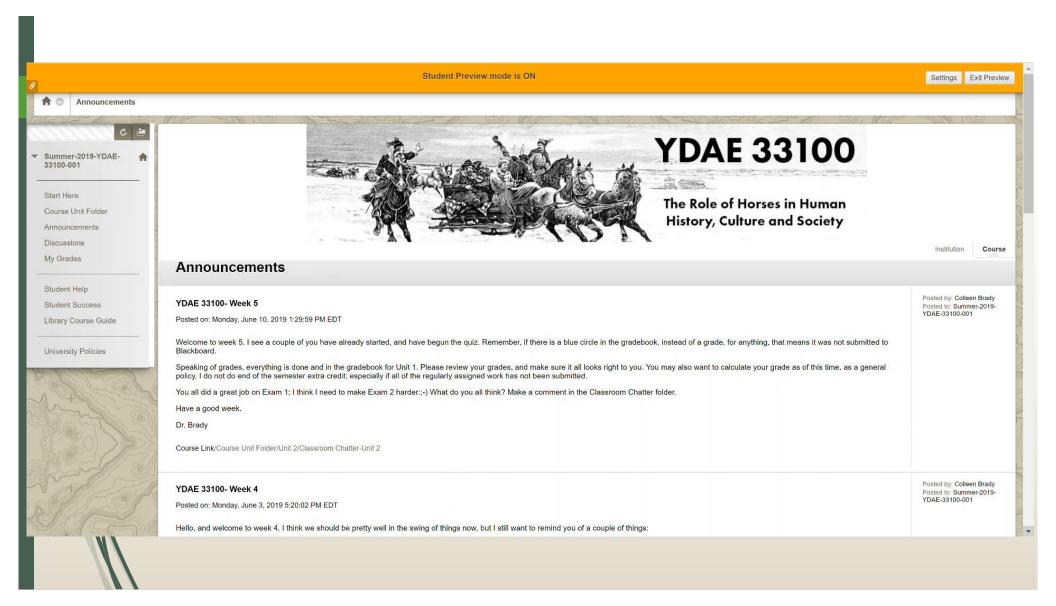 - Implementation
  - Evaluation

Collaborator Role

- Collaborators were asked to contribute content to a template with the following categories:
  - Introduction of Topic
  - Topic Content
  - Fun Facts (3)
  - Significance to Humanity
- Text, photos, video, readings, etc.
- Instructional designer and instructor took template information and created course

The Course

- Taught summer semester over 12 weeks- 100% online
  - Blackboard LMS
- 4 Units, 3 lessons/unit
- Quiz and writing assignment for each lesson
  - Lessons and Quizzes in Articulate Storyline 360
  - Writing assignment in Circuit- Peer Review
- 1 additional assignment per Unit
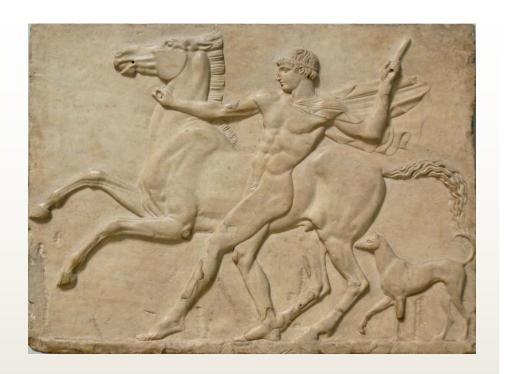- Exam for each unit

🏠 ⟳   Announcements

Summer-2019-YDAE-
33100-001   🏠

Start Here

Course Unit Folder

Announcements

Discussions

My Grades

Student Help

Student Success

Library Course Guide

University Policies

YDAE 33100

The Role of Horses in Human History, Culture and Society

Institution   **Course**

Announcements

YDAE 33100- Week 5

Posted on: Monday, June 10, 2019 1:29:59 PM EDT

Posted by: Colleen Brady
Posted to: Summer-2019-YDAE-33100-001

Welcome to week 5. I see a couple of you have already started, and have begun the quiz. Remember, if there is a blue circle in the gradebook, instead of a grade, for anything, that means it was not submitted to Blackboard.

Speaking of grades, everything is done and in the gradebook for Unit 1. Please review your grades, and make sure it all looks right to you. You may also want to calculate your grade as of this time. as a general policy, I do not do end of the semester extra credit; especially if all of the regularly assigned work has not been submitted.

You all did a great job on Exam 1; I think I need to make Exam 2 harder;-) What do you all think? Make a comment in the Classroom Chatter folder.

Have a good week.

Dr. Brady

Course Link/Course Unit Folder/Unit 2/Classroom Chatter-Unit 2

YDAE 33100- Week 4

Posted on: Monday, June 3, 2019 5:20:02 PM EDT

Posted by: Colleen Brady
Posted to: Summer-2019-YDAE-33100-001

Hello, and welcome to week 4. I think we should be pretty well in the swing of things now, but I still want to remind you of a couple of things:

Where are we now?

Implementation

- First offering underway
  - About half done
  - 11 students
  - Diverse majors
- Note: Did not receive University Core approval until 6/14/19

Evaluation

- Based on student feedback
  - Offer over 8 weeks instead of 12
  - The writing assignment, and peer review, is helpful for learning
- Student performance
  - Mean on Exam 1- 89%
  - Median on Exam 1- 91%

Next steps

- Offer Summer 2020

- Promote more broadly across campus now that UCC is approved

- Make available through Purdue Online to other campuses

  - Collaborators from Equine History Collective are interested in the course being available to their students

Summary

- Working with a team of interdisciplinary experts can result in a cohesive course that meets University and College Core requirements

- Designing the templates, and having experts complete the template was vital to the continuity of the course