

Southeastern Community College, Iowa ATE Project Workshop #1 Outline Offered on 4/2/2024

1. Review the Workshop Outline
 - a. Survey will need to be completed by everyone after the workshop
 - b. Outline review
 - c. What topics does the group wish to discuss beyond the following topics?
 - d. All documents are available on Scaling Elements project microsite

2. Basic Overview of Pedagogies and Learning Styles in CTE courses
 - a. Passive versus Active Learning
 - b. Collaborative and Constructivist Learning
 - c. Adaptive digital learning tools
 - d. Simulations used for active learning
 - e. What pedagogies/learning styles work best for technical courses

3. Compare Traditional Education Model to a Competency-based/Hybrid model
 - a. Competency-based Education/Learning terminology
 - b. Traditional Model positives and negatives
 - c. Competency-based positives and negatives
 - d. Moving the lecture portion of the course online
 - e. Review the HOME4TECHS CB/H instructional model
 - f. The CB/H model from the eyes of the student
 - g. The CB/H model from the eyes of the faculty

4. Lessons learned and Recommendations:
 - a. Build a good structure and process for curriculum development
 - b. Make sure Faculty have adequate time for development
 - c. Build checklists for development
 - d. Build standards that can be boiler plated for future development

5. Assessment models:
 - a. Interpreting the Competencies, Outcomes and KSA terminology
 - b. Knowledge assessments in Canvas
 - c. Skills assessments by the faculty
 - d. Building the student Ability to perform tasks in industry
 - e. Lab exercises versus Job Sheets

6. Employer Engagement:
 - a. Possibly building a skills inventory of a program

- b. Industry steering committee (BILT model)
 - c. Aligning courses with Industry Roundtables
 - d. Holding Industry Roundtables
7. Review an existing CB/H Technical Course in the Canvas LMS:
- a. Review a CB/H technical course at a different colleges
 - b. Modularization of the course in Canvas
 - c. Components used in each module of a CB/H course
 - d. SECC will have to decide on what objects would best serves their students
9. Building a Process for Curriculum Development
- a. Show the reverse design model
 - b. What is a course blueprint?
 - c. Build a task list based on 8 modules
 - d. Build the skills assessment right up front, and validate with SMEs

Future Topics:

Digital Literacy

OER material

Creative Commons Licensing

Creating your own instructional videos

Creating your own PDF instructional documents

Questions for the SECC Iowa group:

On your website it looks like you have an open lab model and the instructional side is online as well, so I assume there are no scheduled class times.

1. Are there structured skills demonstrations the students must complete?
2. How much is Canvas currently used for instruction? Assessments?
3. With the textbook required for PLC1, I assume reading assignments are in Canvas?
4. Are there structured lab exercises used in the open lab time?
5. Are there learning objects used in Canvas beyond the textbook and Amatrol online subscriptions?
6. Does your Canvas LMS include Canvas Studio? (this is an added tool used to develop instructional videos)