

# Competency-Based Education in Practice: Insights and Resources from Innovative Colleges

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# Welcome

*Whitney Thompson, Deputy Director for Workforce Education,  
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# ICCB Initiative

## 2022–2023

Grant initiative designed to support CBE program development in the community college system for high-demand sectors. Using an equity-guided, community of practice approach, the goal of this grant was to:

- Build capacity in planning and program development.
- Support institutions in transitioning to implementation of a CBE program.



# EdSystems, C-BEN, & ICCB Collaboration



## Grantees:

- Parkland College (Focus: Industrial technology)
- Rend Lake College (Focus: Welding)

## Partners:

- Education Systems Center at NIU (EdSystems)
- Competency-Based Education Network (C-BEN)
- Lewis and Clark Community College

## Participating Community Colleges:

Shawnee Community College, Lincoln Land Community College, Southeastern Illinois College, Kankakee Community College, Kaskaskia College

# Today's Discussion

*Please share your name, role and organization in the chat*

## Goals

- Gain insights from peer institutions
- Access curated resources

## Agenda

- Background
- Resource highlights: Examples from the field
  - Rend Lake College
  - Kaskaskia College
  - Shawnee Community College
  - Lewis & Clark Community College
- Q&A

# Level-Setting: What is CBE?

Competency-Based Education (CBE) focuses on learning and the application of that learning, rather than time spent in the classroom (CAEL, C-BEN, 2021).

- CBE is **learner-centered**.
- CBE is **flexible**.
- CBE is a strategy for **advancing educational equity**.
- CBE is **labor market-aligned**.

→ Models: Direct assessment, credit-hour based

# Lessons Learned



Information gathered by EdSystems as part of the Community College CBE Pilot Project and supplemented by focus groups and interviews with design community participants:

[Lessons Learned from the ICCB CBE Design Team](#)

# Additional Resources

- Postsecondary CBE Competencies for Industrial Maintenance and Welding Programs: Appendix C of the [Illinois Model Programs of Study Guide: Manufacturing and Engineering](#)
- [Student Insights into Postsecondary CBE](#)
- [Legal and Regulatory Considerations for Community College Innovation](#)
- [EdSystems' Community College CBE Pilot Project webpage](#)





# Resource Highlights: Examples from the Field

*Please share your questions in the chat or Q&A feature*

# Rend Lake College

- [Welding program crosswalk](#) and [competency map](#)
- HLC approval
- Weekly CBE meetings
- [Amatrol materials](#) and CBE
  - Formative assessment
  - Supplementing with summative assessments

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# Kaskaskia College

## Operation of Systems

- Differing formative assessments based on varied equipment
- Integrated summative projects
- Other resources available

## Electronics Systems

- Projects focused on application
- Other resources available

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# Lewis & Clark Community College

- Welding program crosswalk
- [Welding Procedure Specification Resources](#)
- Reference: [WPS Book Index](#). Folders organized by position: Flat, Horizontal, Vertical, Overhead
  - Flux Core Arc Welding
  - Gas Metal Arc Welding
  - Gas Tungsten Arc Welding
  - Shielded Metal Arc Welding

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# Shawnee Community College

- [Welding program crosswalk](#)
- [Master list of competencies and assessments](#)
- [Welding curriculum](#)

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# Closing and Next Steps



# Continuing to Build the Repository

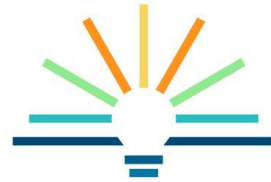
## Explore the Draft Repository

- [Industrial Maintenance](#)
- [Welding](#)

## Share Your Feedback

- What resources are top of mind for you right now?
- What else do you need?
- Are you interested in being part of the development process?

>> [CBE Resource Feedback Form](#)



**EdSystems**

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**Thank you!**