



Developing an Accelerated Cybersecurity Program Aligned with Workforce Needs

What are the objectives of this project?

1. Adapt Harford's 2 year AAS degree into an accelerated **17-month** program
2. Adapt 2 courses into competency-based education
 - CIS 210 Fundamentals of Network Security – **Security+**
 - CIS 135 Introduction to Networks – **Network+**
3. Determine if CBE is more effective than OBE in developing skilled cyber technicians

Project Highlights After Piloting First Course

- Early Evidence of Student Learning Gains
- Success Coaching Proves Effective
- Successful Enrichment Activities
- Providing Students with Additional Learning Time and Resources
- CBML Design Guide
- Phenomenal Faculty Engagement
- Adding SME as Co-PI
- Instructional Materials that Align with CBE Approach
- Expansive Faculty Training
- Institutional Support