CBE/PBE Foundations
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Performance-Based Education (PBE)

Computer Networking/Systems Administration & Cloud Computing

- Curricular modality transition from traditional to course-based, competency-based education
- Development and implementation of a 100% online, self-guided curriculum, with the ability to accelerate
- PBE Primary Goals
PBE at TSTC
Multi-Tiered: 2021 Fall

- Computer Networking/System Administration & Cloud Computing
- Web Design & Development
- Cybersecurity
- Digital Media & Design
- Business Management Technology
- HVAC (Hybrid)
- Supporting Gen Ed & Dev Ed

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Infrastructure & Faculty Focus
Planning & Infrastructure Support

- Financial Aid
- Registrar’s Office
- Creative Services/Marketing
- Dual Enrollment
- Recruiting
- Institutional Accreditation
- IT
- Veterans Affairs
- Advising
Curricular Framework

- Identify Programs
- Mastery Grading Policy (A, B, F, Multiple Assessments, etc.)
- Modality
- Establish Scheduling Parameters
- Self-Guided
- Hybrid Flipped Classroom

![Diagram comparing Traditional Education vs. Performance-Based Education](image-url)
Program Level
Student Support

- Faculty
- Enrollment Coaches
- Tutoring
- Technical/Online Support
Who & What

- Roles & Responsibilities
  - Communication
  - SME
  - Instructional Designer
  - Leadership

- Development
  - Needs Analysis
  - Deconstruction
  - Curriculum Development
    - Learning Journey
    - Post Development

- Industry Alignment
How

Development

- Iterative Approach
- Backward Design
- Authentic Assessment
- Modular Development
- Learning Journey
- Best Practices
- Interactive & Engaging
- Information Chunking
- Accessibility
- Quality Control
Facilitation

- Student Support
  - Slack, Discord, Etc.
  - Individualized, Effective & Timely Feedback
- Advising, Tutoring, Progress Pathways
  - Pacing Guide
- Facilitator Guide
- Advanced Topics/ Special Projects
- Continuous Improvement
Facility Considerations

- Lab Space
  Open Line of Sight
- PBE Mentor & Enrollment Coach Offices
- Innovation Stations (XR Spaces)
- Enhanced Lecture Space
- Faculty Offices w/Line of Sight
- Optimized IT Structure
Lessons Learned

- Communication
  - Virtual Communities
- Quality Control & Stakeholder Review
- Enhanced Annotation & Appropriate Emphasis
- Student Support Structure
- Effective Utilization of Technology & Resources
- Flexibility
  - Faculty
  - Student
Thank you!

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