SREB

Accelerated Pathways Create Smooth Transitions

Presented by:

Dale Winkler, Ed.D.

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Making Schools Work Districtwide Improvement Process
Focus Areas and Key Practices

Focus Area	Elementary Grades	Middle Grades	High Schools	Technology Centers
Engaging Instruction	Engaging Instruction	Student Engagement	Student Engagement	Student Engagement
	Instructional Collaboration	Teacher Collaboration	Teacher Collaboration	Teacher Collaboration
Aligned Curriculum	Integrated Literacy	Integrated Literacy	Access and Equity	Access and Equity
	Aligned Curriculum	Aligned Curriculum	Integrated Curriculum	Integrated Curriculum
Career Pathways	Access and Equity	Access and Equity	Programs of Study	Programs of Study
	Career Awareness	Quality Career and Technical Education	Work-Based Learning	Work-Based Learning
Systems of Support	Systems of Support	Guidance and Advisement	Guidance and Advisement	Guidance and Advisement
	Parents and Communities	Interventions and Enrichments	Interventions and Enrichments	Interventions and Enrichments
Leadership for Continuous Improvement	Leadership for Continuous Improvement	Culture of Continuous Improvement	Culture of Continuous Improvement	Culture of Continuous Improvement
	Culture of Learning	High Expectations	High Expectations	High Expectations

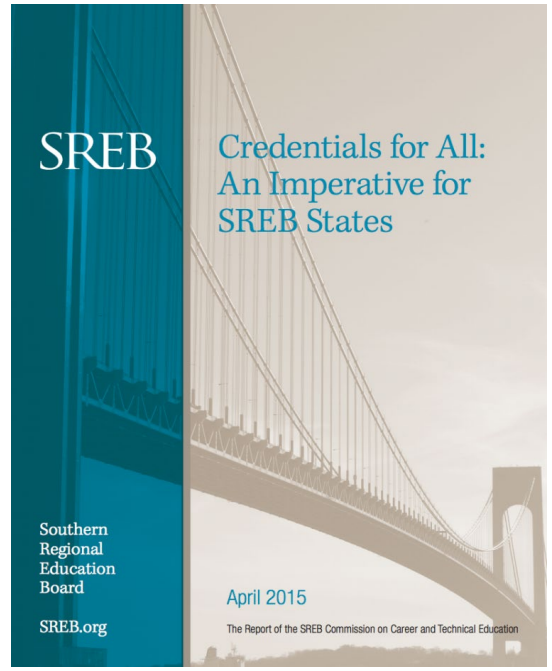
Career Cluster

High Quality Career Technical Education

The challenge: *How do we provide more young people with an education that connects the classroom with the workplace and prepares them to succeed in postsecondary education and 21st-century careers?*

The solution:

- **Transform education with rigorous, relevant career pathways that align secondary, postsecondary and workplace learning and lead to postsecondary credentials that help individuals secure good jobs.**
- **Double the percentage of young adults who earn postsecondary credentials by age 25 over the next decade.** These credentials include advanced industry credentials and postsecondary certificates and degrees at the associate degree level or higher.



SREB's Commission on Career Technical Education

Five Essential Elements of Career Pathways

1. Career pathways **combine a college-ready academic core with challenging technical studies** and require students to complete real-world assignments.
2. Career pathways **align secondary, postsecondary and the workplace** through strategies like dual enrollment and work-based learning.
3. Career pathways **create guidance systems** that include career information, exploration and advisement and engage students in ongoing career and college counseling beginning in the middle grades.
4. Career pathways **allow students to choose accelerated learning options** in settings that provide the extended time needed to earn advanced industry credentials.
5. Career pathways **lead to further education and training and high-skill, high-wage jobs** in high-demand industries.

Five Minute Table Discussion

- **WOW** – What is one thing you learned about career pathways?
- **WONDER** – What is one thing you want to learn more about this topic?

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P-TECH

Presented by:
Courtney Sharkey
Director of CTE and P-TECH
Richardson Independent School District (TX)

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What is P-TECH?

Pathways in Technology Early College High Schools (P-TECH) are innovative open-enrollment high schools that allow students least likely to attend college an opportunity to receive both a high school diploma and an associate degree and/or Level 1 or 2 Certificate. The hallmark of the P-TECH model is its career focus and the provision of work-based education.

Texas Education Agency

P-TECH Programs-

- Target **at-risk and economically disadvantaged** students
- Enable students to earn a high school diploma, along with an **Associate's degree, Level 1 or Level 2 certificate, and/or industry-based certification** within **six years**
- Offer age-appropriate **work-based learning** opportunity in every grade level
- Align to regional workforce needs, guiding students into **high-demand, high-wage** careers
- **Partner** with Texas Institutions of **Higher Education** (IHEs) and **regional business/industry**, giving students access to post-secondary education and workforce training opportunities

P-Tech Blueprint

- Access *Who?*
- Attainment *Career?*
- Achievement *College?*

* at no cost to participating students

P-TECH/ICIA Blueprint

Access Outcomes-Based Measures

TEA is currently in a phase-in process for the new P-TECH/ICIA Blueprint. These data are for information and planning purposes only. This information will not be used to determine designation status.

Data Indicators	Provisional	Designated	Designated with Excellence
Requirements	Must meet **at-risk** students for **incoming 9th** graders and at least **three** additional target population data indicators	Must meet **at-risk** students for **incoming 9th graders** and at least **three** additional target population data indicators	Must meet **at-risk** students for **incoming 9th** graders and at least **four** additional target population data indicators
P-TECH/ICIA proportionate to or over-represents at-risk students for incoming 9th graders	No more than 20% points under district	No more than 15% points under district	No more than 10% points under district
P-TECH/ICIA proportionate to or over-represents economically disadvantaged students	No more than 10% points under district	No more than 5% points under district	Meets or over-represents district
P-TECH/ICIA proportionate to or over-represents non-traditional CTE participants*	No more than 10% points under district	No more than 5% points under district	Meets or over-represents district
P-TECH/ICIA proportionate to or over-represents African American students	No more than 10% points under district	No more than 5% points under district	Meets or over-represents district
P-TECH/ICIA proportionate to or over-represents Hispanic students	No more than 10% points under district	No more than 5% points under district	Meets or over-represents district
P-TECH/ICIA proportionate to or over-represents ELL and SWDs	Not taken into account for designation	Not taken into account for designation	No more than 5% points under

* Nontraditional Career-Technical Education (CTE) programs are identified as those connected to occupations or fields of work in which individuals from one gender comprise less than 25 percent of the individuals employed in those occupations or fields of work. The male and female lists are updated annually for Perkins IV.

INDUSTRY CLUSTER INNOVATIVE ACADEMY

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PATHWAYS IN TECHNOLOGY EARLY COLLEGE HIGH SCHOOL

The P-TECH Model

Lake Highlands WILDCAT College & Career Academy

UNT UNIVERSITY OF NORTH TEXAS

THE UNIVERSITY OF TEXAS AT DALLAS UTD EST. 1969

Healthcare Careers Academy Richardson ISD

RICHARDSON, TX POLICE DEPARTMENT

DALLAS COLLEGE

Methodist RICHARDSON MEDICAL CENTER

DALLAS COUNTY PROMISE

RICHARDSON TEXAS

College Degrees Awarded		
-2022	2022	2023
0	18	130
Industry Certifications Earned		
-2022	2022	2023
330	779	2752

% of PTECH completers TEA CCMR met
100%

Each year…

4000+ college credits earned

$300,000+ tuition savings

1000+ work-based learning hours

Campuses where Associate degrees are offered		
Prior to 2019-20	2020-2022	2022-2023
0	2	All 4

Dual Credit CTE pathways offered by campus	
Associate- Business Admin	All 4
Associate- Teaching	All 4
Associate- Medical Assisting	All 4
Level 1 Certificate Patient Care/ EMT	All 4
Associate & Level 1 Criminal Justice	LHHS

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Teacher Apprenticeship

Presented by:
Dennis George, Ph.D.
Associate Dean – College of Education and Behavior Sciences
Western Kentucky University (KY)

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What do School Districts Need?

- Well-prepared teachers
  - High-quality Instruction
  - Meaningful clinical experiences (workplace learning)
  - Mentoring by experienced, caring, professional educators
- Teachers who want to come to work in their district
- Teachers who will be retained in the district

Context of the Career Pathway

Nelson County Schools

- Teaching and Learning Career Pathway (KDE) – 4-course sequence
- Ed Collab – immersive learning experiences for TLP students
- Outstanding mentor teachers

Western Kentucky University

- “Classified to Certified” Grow Your Own(GYO) pathway
- Highly flexible curriculum delivery to support GYO students
- DOL K-12 Teacher Apprentice model

Pathway Students Finish High School with:

- Twelve credit hours of the WKU Teacher Education Core through the TLP
- General Education Certification (ECTC)
- Nine additional credit hours of WKU Teacher Education courses based on the apprentice's high school clinical work
- Total of 60 credit hours, 24 of which are required for the WKU Teacher Education degree
- An Associate of Arts degree (some of which is reverse transferred)

After High School, Pathway Students

- Enroll in WKU and complete the additional 60 credit hours of their bachelor's degree
  - WKU courses outside of Teacher Education are taught asynchronously online
  - Teacher Education courses are taught by WKU (online) and NCS faculty (face-to-face)
- Become NCS employees in a classified paraeducator position
- Officially become registered apprentices
- Engage in an immersive two-year workplace learning experience.

Two Years Post High School (Six Years in Pathway)

- High School Diploma (NCS)
- Associate of Arts (ECTC)
- Bachelor of Science in Education (WKU)
- Completion of DOL K-12 Teacher Apprenticeship
- Teacher Certification

Ten Minute Table Discussion

- Can you identify a career pathway in your state that includes the five elements?
- What policies in your state supports the development, implementation, and sustainability of seamless career pathways?

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Southern Regional Education Board

SREB.org

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