

CTE Programs: Expansions Update for 2019-2020

Curriculum Committee Meeting

Presenter: Dr. Juan Chavez, Jr.
Brownsville ISD, CTE Administrator
April 3, 2019



Curriculum Committee Workshop

(March 6, 2019)

FEEDBACK: Group Activity Discussion Questions

1. Based on the presentations and information received today, please, identify the top three workforce development priorities for our community.

Commitment: From ALL stakeholders

Community Engagement: Better Informed Parents

Credentials: Stackable Certifications

Alignment: BISD, IHE, Workforce Solutions, Industry Partners

Real-World Experiences: Pre-Apprenticeships/Apprenticeships

Skilled Training: Construction, Manufacturing, Electrical, Plumbing

Curriculum Committee Workshop

(March 6, 2019)

FEEDBACK: Group Activity Discussion Questions (continued)

2. Based upon the presentation and information received today, please identify your group's top three program recommendations for BISD.

K-16: Invest on PLTW at Elementary Schools

MOUs: Formalize Industry Partnerships

Career Counseling: ELEM. → M.S. → H.S.

Alignment: ELEM. → H.S.

Grants: J.E.T. Grant, P-TECH, CTE Dual Credit Equipment Only

Programs: Management/Leadership/Entrepreneurial; Coding (Stronger Programs); Community Outreach (Workforce Solutions)

Curriculum Committee Workshop

(March 6, 2019)

FEEDBACK: Group Activity Discussion Questions (continued)

3. Please provide us with a short list of 3 areas you and/or your organization will commit to, in order to help BISD maximize resources for our students and staff.

Secure Resources: Support (Letters of Support, Career Fair, FAFSA Completion); Financial; Informational (Presentations, LMD)

Advisory Committees: Business/Industry/IHEs/Workforce Solutions/*Parents/Students/Teachers/Counselors/Administrators*

Internships: United Way, Port of Brownsville, Cameron County

Curriculum Committee Workshop

(March 6, 2019)

FEEDBACK: Group Activity Discussion Questions (continued)

4. Please list any other suggestions your group believes will help us meet our goals as a district.

Focus on Outcomes: Bridge High School to College/Career; Entrepreneurial (embedded in a business course); Community Engagement

Global Thinking: Increases Impact of Brownsville and RGV; Increase Work-study programs; Create Pipelines in Skilled Trades (start in middle school)

Re-purpose/Close: CTE Programs Reviews (strengths/weaknesses); Cost Effectiveness; Professional Development for CTE Teachers; Review LMD (meet industry needs); Inform/Educate Parents

Challenge/Opportunity

Technical Program Development at Brownsville ISD (CTE Certification Center), TSC, and TSTC. Review CTE Programs – close or re-purpose outdated programs and create new ones that are aligned with labor market data.

Push System vs. Pull System



How BISD CTE is Helping

- **Externship summer program for CTE teachers**
 - In partnership with RGV LEAD, BISD offers externship opportunities to our teachers through a two-week, on-the-job training at various locations (i.e., Port of Brownsville, Law Enforcement Agencies, Car Dealerships, PUB) to learn skills needed by our students.
 - Keeps teachers workforce relevant
- **Internship opportunities for CTE students**
 - Example: Health Science Technology (Practicum Course)
Established MOUs with various institutions: hospitals, clinics, doctors' offices, home health agencies, and pharmacies.



P-TECH Programs (2019-2020)

- **Biomedical Technology (Hanna ECHS)**
 - IHE Partner – TSC
 - Industry Partner – Valley Regional Medical Center
 - Applying for a P-TECH Success Grant
- **Advanced Manufacturing (Porter ECHS)**
 - IHE Partners – TSC (academics); TSTC (technical)
 - Industry Partner – CK Technologies
 - Applying for a P-TECH Success Grant
- **Construction (CTE Certification Center)**
 - IHE Partner – TSC
 - Industry Partner – Noble Texas Builders
 - Applying for a P-TECH Success Grant



CTE Dual Enrollment (2019-2020)

Opportunities

- Construction Technology (TSC)
- Automotive Technology (TSC)
- Auto Body Repair (TSC)
- HVAC & Refrigeration (TSC)
- Architectural Design (TSTC)



CTE Certification Summer Program

High School Grades 11-12 (June 4-26, 2019)

Program Overview: To provide a series of CTE Certifications to current BISD rising juniors and seniors.

I. CTE Certification Summer Program

- A. **CTE Certification Summer Program: Only** currently enrolled BISD students (rising 11th & 12th graders) are eligible to enroll in the CTE Certification Summer Program.
- B. **Certifications Offered (based on enrollment):**
 - Welding (*maximum of 20 students*) **Veterans Memorial ECHS**
 - Medical Administrative Assistant (*maximum of 25 students*) **CTE Certification Center**
 - CPR & EKG (****For rising 12th grade students only*** – due to Certifying agency requirements. Prerequisite: Medical Terminology course -*maximum of 25 students*) **CTE Certification Center**

CTE Projects (Pending)

- 5 CV classrooms renovation (in progress) to continue growth of CTE Certification Programs:
Expansions
 - CV1: Pipefitting/Welding
 - CV2: HVAC & Refrigeration
 - CV3: Electrical Tech. & Plumbing Tech.
 - CV4: Construction (Residential/Non-Residential)
 - CV5: Robotics

Fernando Villarreal **STATUS and TIMELINE**

