

Initiatives that contribute to the Talent Pipeline?

- NEWLY DESIGNED WORKFORCE PROGRAMS & BUILDINGS
- Employer Partnerships - Customized Training: Co-designed & Co-branded
- Incumbent Workers Training, Upskilling and Reskilling
- Community Partnerships – Workforce for competitive economic development
- Industry 4.0 Pathways – Credit, Non-credit: *Cybersecurity, Cyber-physical systems that are interconnected, autonomous vehicles, robotics, Big Data, Cloud Computing, Augmented Reality/Virtual Reality.*
- Integrated AR/VR into Mechatronics: Semi-conductor Chip Fab Modules
- Dual Enrollment Pathways + TBI, Early College, P-Techs
- Leverage High school's CTE Programs
- Prior Learning Credit – Veterans, Licensure, Testing: Certification Center
- Industry Recognized Credentials – Across curricula by embedding certifications
- Occupational Skills Awards (3-4 courses) with Embedded IBCs that stack to form a degree.
- Work-based Learning: Internships, Apprenticeships, Service Learning, etc.
- Manufacturing, Engineering Technology, Industrial Trades, Health Care, Computer Programming, Cyber Security... → Construction Technology, Smart Agriculture, Logistics, Mental Health Technician and Multi-Craft Technicians



Talent Pipeline: Creating a College Going Culture



**SKILL BOSS
MANUFACTURING**



**Training & Assessment System
for MSSC CPT Plus Certification (CPT+)**

- STEM Programs
- Take College & Career Training to Students
- Mobile Learning Centers
- Campus Tours/ Camps
- Family Open Houses
- Adopt Elementary & Middle Schools
- Certifications/Degrees for High School Students
- National Rural Pathways
- Regional I-35 Corridor Partnership- increase Short-term Training, Credentialing Opportunities & Additional Programs of Study
- Working Statewide to develop the pipeline – Texas Dual Credit Alliance

CREATING A CULTURE OF STEM



TEXAS A&M
UNIVERSITY
CENTRAL TEXAS.

SCIENCE · TECHNOLOGY · ENGINEERING · MATH

Temple College & Texas A&M-Central Texas Partnerships

- Joint Grants
- Joint Outreach:
 - 2 Degrees 1 Pathway
- Joint Degree Programs
- Joint Marketing
- Joint STEM Programs
- Shared Faculty
- Co-PIs, Camps
- University Tours
- Transfer Central
- Transfer Scholarships
- Research Collaboration

