

A decorative graphic consisting of a yellow circle on the left side. A blue bracket is positioned on the left side of the circle, and a yellow bracket is on the right side. A horizontal bar with a gradient from orange to dark brown spans across the middle of the slide, partially overlapping the circle and brackets.

# Regional Strategies

non-traditional, cluster-based grant programs

## **Aerospace/Advanced Manufacturing Grant**

*Aerospace and Defense Cluster*

*Tarrant, Dallas and surrounding counties*

**Meeting Industries' Critical Workforce Needs**

# Aerospace/Advanced Manufacturing

## Executive Summary

- Two year grant - \$1.02 million to further the work of the DFW Reg. Aerospace Cluster
  - Complete an industry-driven, common entry level training program that includes two national certifications
  - Promote “Gotta Jet?” to students, their parents, teachers and career counselors
  - Launch engineering mentoring program – UTA
  - Partner with FWISD to implement PLTW

# Aerospace/Advanced Manufacturing

## Regional Partners and Stakeholders

- Key Partners

Fort Worth Chamber & Arlington Chamber, NCT & Dallas Workforce Boards, UTA, TCC, Fort Worth ISD, Industry members

- Key stakeholders

- Employers: Lockheed Martin, Bell Helicopter, Vought Aircraft
- Advisory Group: Industry, Community Learning Center, TMAC, Unions, small-medium industry representatives
- Regional leadership and planning agencies:
  - DFW Regional Workforce Leadership Council
- Target impact group(s)
  - Incumbent, dislocated or new workers
  - Youth entering the pipeline
  - Attraction and retention of students
  - Outreach to a broad populace
  - Development of educators, counselors, students & parents

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## Cluster Impact Strategies & Deliverables

- Industry driven curriculum for Aero/Adv Mfg
  - Train 60 individuals - upon successful completion guaranteed an interview with industry specific companies
- Mentor 20 engineering students
  - Mentoring & resources to retain 16 out of 20 engineering students in the program
- Increase awareness of Aero/Adv Mfg careers
  - Saturation of “Gotta Jet?” in 150 school districts
  - PLTW implemented in FWISD to increase exposure to these careers

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## Key Issues and Challenges

### ■ Process issues

- Proposal development: Short time to coordinate and involve all partners
- Project/Contract Management: Individual attention is appreciated

### ■ Project issues

- Time commitment of industry staff for curriculum development
- Securing industry Instructional Design service through Workforce Board
- Attraction and recruitment – unknown
- Retention in education and training programs – unknown
- Coordinating with the national accreditation entities

# Aerospace/Advanced Manufacturing

## Primary Contacts

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- **Grant Recipient:** Tarrant County Workforce Development Board
- **Grantee Project Manager:** Judy Bell
- **TWC Project Manager:** Gena Hernandez
- **TWC Cluster Manager:** Kaki Leyens