

Data-Informed Governance Framework for Trustee Decision-Making

Monitoring What Matters
Martha Ellis, Ph.D.



Community College
Association of Texas Trustees

What's Your Role In Data-Informed Governance

Community college boards should be using the data that's available to make informed decisions in the best interest of students and the communities across the service area.

Get to know the whole story...

- Find out what data your institutions already have and use
- Know your students, community, staff, and local business needs
- Build on the personal stories you already know using both statistics and individual insights
- Rely on your college leadership to help identify statistics around critical needs and high impact practices



DIG Framework for Trustee Decision-Making

The Board

1. Defines clear objectives
2. Defines goals for the identified data
3. Requests CEO to collect & visual data
4. Partners with CEO in Sense-Making
5. Considers context & expertise

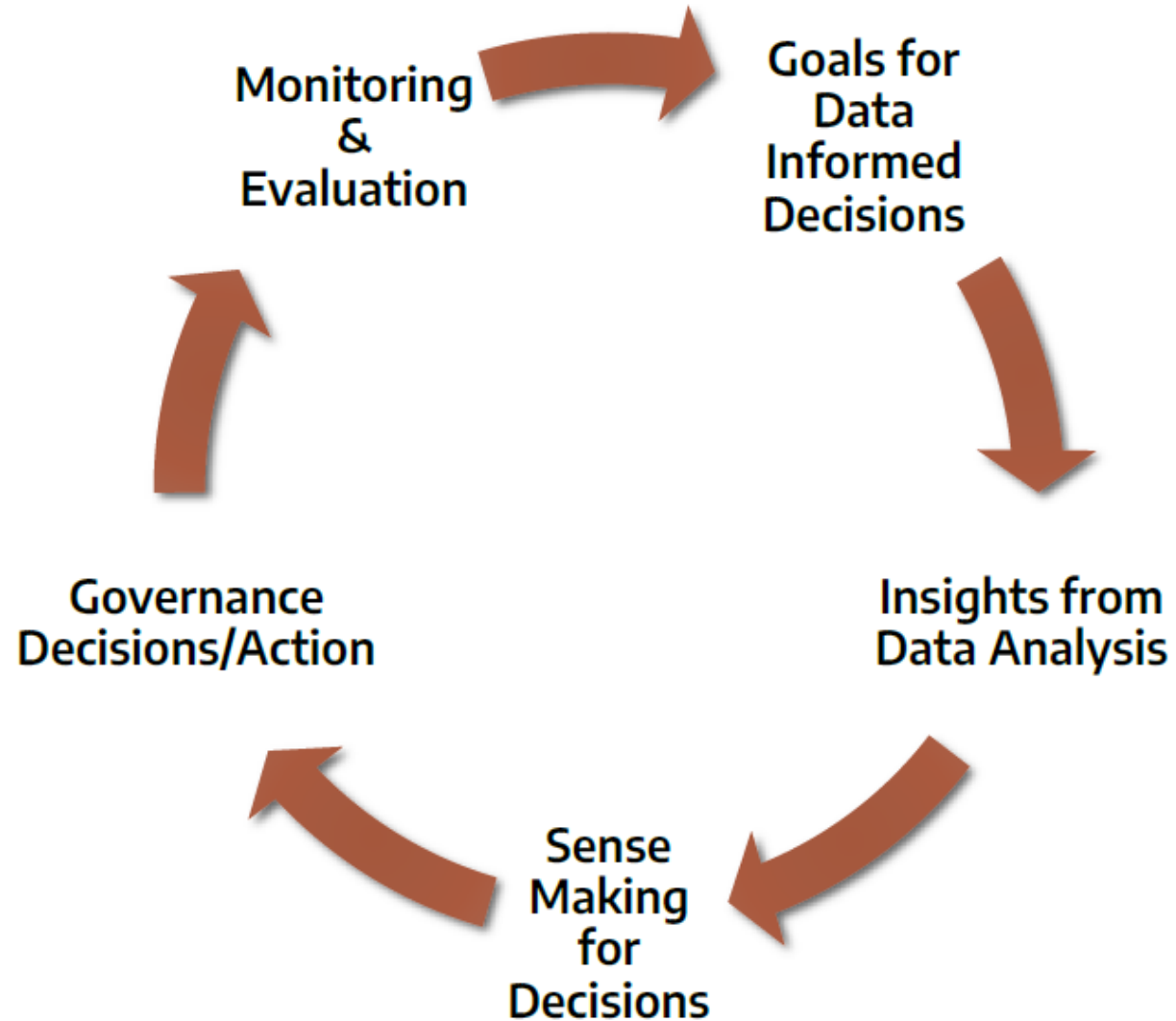
The Board

6. Makes informed governance decisions
7. Takes action & evaluates
8. Builds a data culture
9. Insists on privacy & ethical considerations



DIG is Dynamic Process In Trustee Decision-Making

DIG is a dynamic and iterative cycle.



Data Sources

- Your president and college staff

- Texas Higher Education Coordinating Board
- Texas Success Center. [Pathways Data Dashboards](#)
- Community College Survey of Student Engagement
- [IPEDS](#) (Federal database)
- Postsecondary Employment Outcome Explorer (Census Data)
- Projections –Texas Workforce Commission



Texas Higher Education Coordinating Board (THECB)

Community College Formula Funding

Community College Finance - Performance Tier Outcomes Analysis (2018 – 2025; Forecasted 24-25)

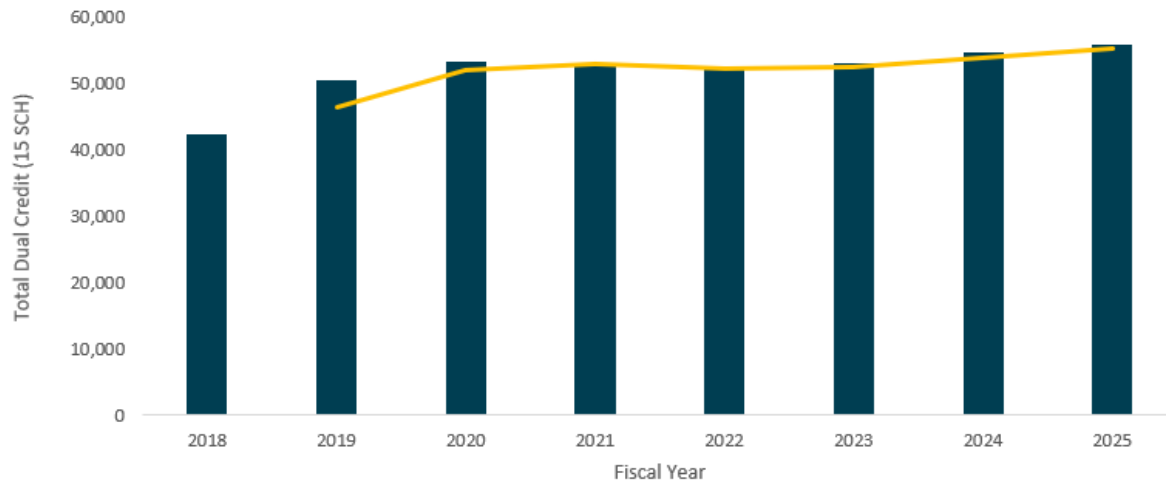


Overview Dual Credit Transfer Co-enrollment ICLC OSA Certificate Advanced Technical Certificate Associate Degree Bachelor's Degree

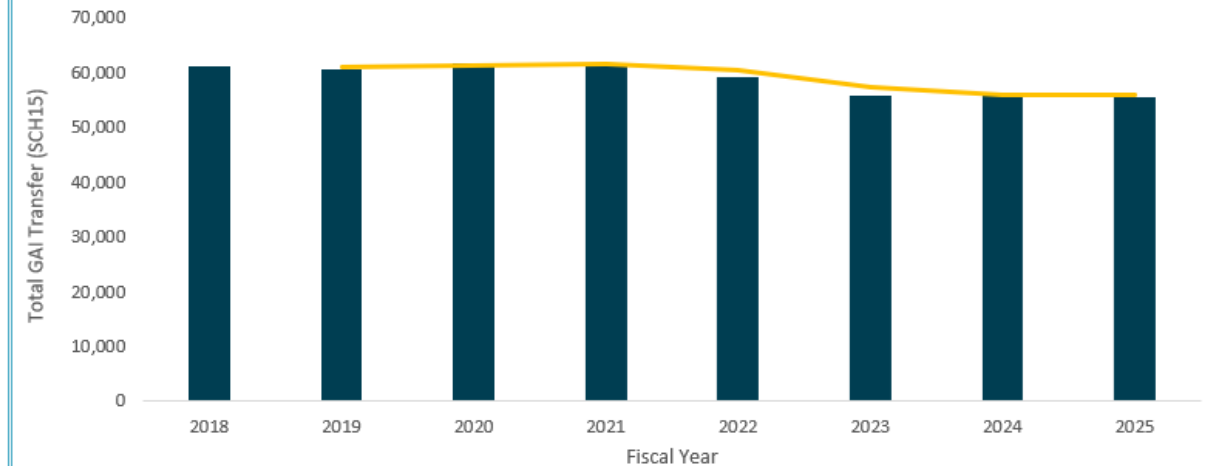
Institution

[Northeast Texas Co...](#)
 [Odessa College](#)
 [Panola College](#)
 [Paris Junior College](#)
 [Ranger College](#)
 [San Jacinto Commu...](#)
 [South Plains College](#)
 [South Texas College](#)
 [Southwest Texas C...](#)
 [Tarrant County Coll...](#)
[Temple College](#)
[Texarkana College](#)
[Texas Southmost C...](#)
[Trinity Valley Com...](#)
[Tyler Junior College](#)
[Vernon College](#)
[Victoria College](#)
[Weatherford College](#)
[Western Texas Coll...](#)
[Wharton County Ju...](#)

Dual Credit (15 SCH) Outcome



GAI Transfer (15 SCH) Outcome



GAI Co-enrollment Outcome

1,800
1,600

Advanced Technical Certificate Outcome

700

Key Question:
How are students doing
as measured by
key performance indicators?



Community College Indicators



Job Placement



Completion/Transfer



Milestone Attainment-15 hours in year one (units, interim certificates, etc.)



Term to Term Persistence



Completing 6 + hours in term 1



Course Retention and Course Success
(all non-withdrawals) (A-C)



Enrollment

Lagging

Low Influence

Early Momentum Metrics

Leading

High Influence

• Fall First Time College Students: 1,260



= 10 students

Completed Fall Successfully: 1,069 (85%)



 = 10 students

Returned Spring : 957 (76%)



= 10 students

Returned Fall: 614 (49%)



= 10 students

- Graduated in 3 years: 251 (20%)



= 10 graduates

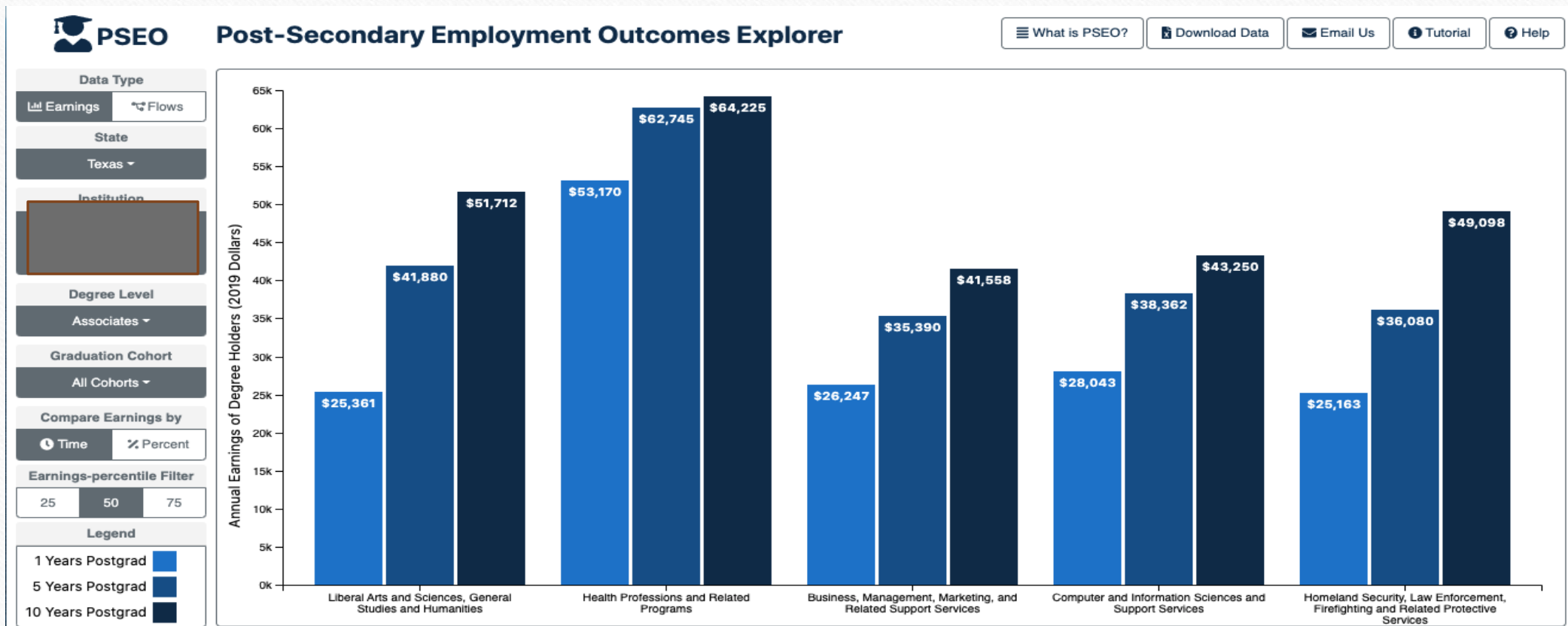
Credentials of Value

Post Completion Outcomes



Employment Outcomes by Program

PSEO Maintained by US Census Bureau



Projections

Regional Labor Market



Key Occupation: Aircraft Mechanics and Service Technicians

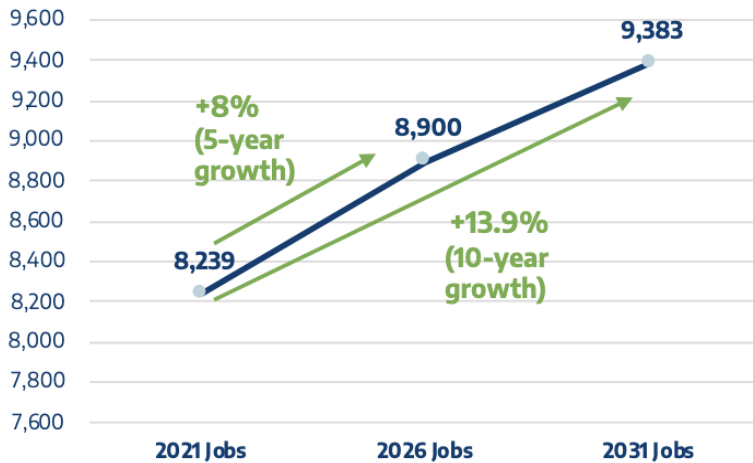


Texas Association of Community Colleges

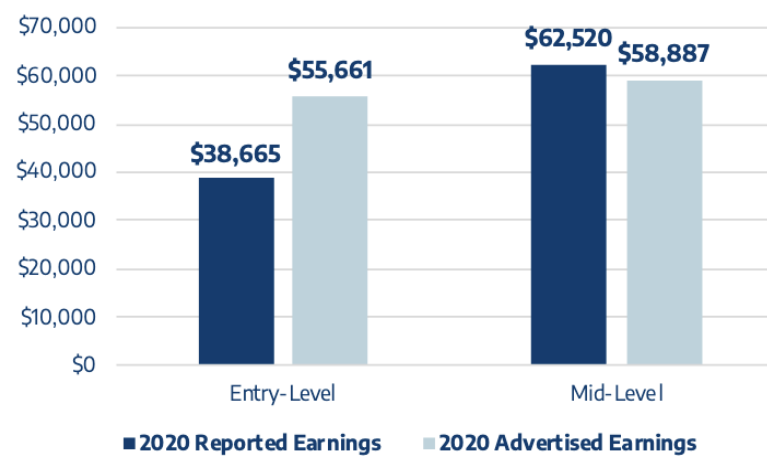
Region: North Texas

Unique Job Postings: 554

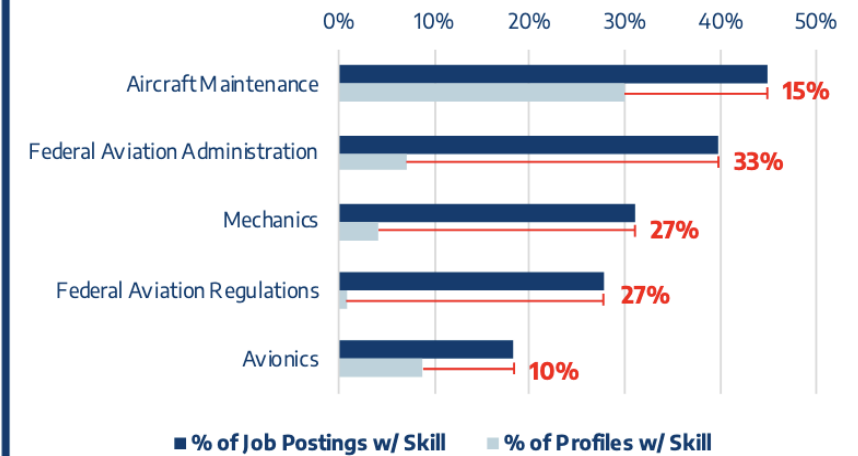
Job Growth Projections



Annual Earnings



Top Skills Gaps



Common Qualifications

- Security Clearance
- Secret Clearance
- Security Identification Display Area (SIDA) Badge
- Airport Security Clearance
- Top Secret-Sensitive Compartmented Information (TS/SCI Clearance)

Top Industry Sectors

- Transportation and Warehousing
- Manufacturing
- Public Administration
- Health Care and Social Assistance
- Professional, Scientific, and Technical Services

Top Employers

- State of Texas
- Global Medical Response
- Airbus
- Gulfstream Aerospace
- Textron

Automation Risk

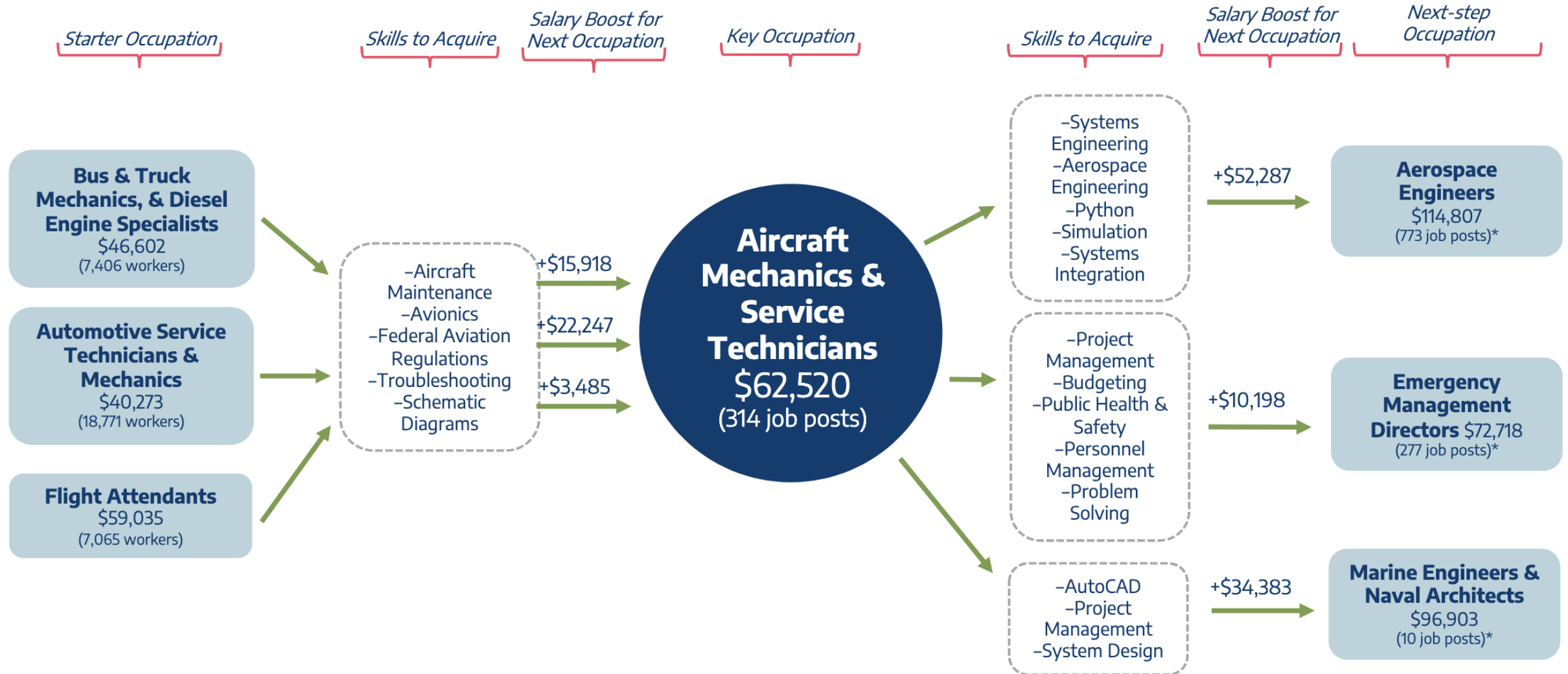


Key Occupation: Aircraft Mechanics & Service Technicians



Texas Association of
Community Colleges


Region: North Texas



Source: Lightcast, formerly Emsi Burning Glass, 2022

*Occupation typically requires a bachelor's degree or higher.

Questions for Understanding Institutional Data



Institutional Comparisons:

1. How does our college's data compare to state or national averages and trends?
2. How does our college's data compare to peers (institutions of similar sizes or located in the surrounding area)?

What's missing?

1. What additional questions do these data raise?
2. What additional data do we need to answer these questions?
3. What qualitative data (through focus groups, interviews, etc.) should we collect to better understand what students experience?

What is a Board to do?

- Understand the data
- Decide on governance (policy, fiduciary, advocacy) actions to take?
- Setting the direction and creating the culture to support CEO to take action



Examples of Data-Informed Governance



All 50 community colleges in Texas participate in the Talent Strong Texas Pathways Initiative, led by the Texas Success Center

- [Pathways Data Dashboards](#)

Colleges have implemented data-informed policies related to:

- Scholarships & promise programs
- High impact practices for quality instruction
 - 8-week courses
 - Corequisites for developmental education
- Student success & early alert systems
- Basic needs & mental health supports
- Student personas & pathways maps

Student Success & Data-Informed Governance

- With the passage of House Bill 8, being a responsible fiscal agent is tied to student POST COMPLETION success and strong partnerships with business & industry
- State funding is tied directly to the key types of data we have been discussing today
 - community college fundable outcomes
 - credential of value attainment, workforce & academic
 - high-demand credentials of value linked directly back to regional & state workforce demand