



Career and Technical  
Education

# CTE Administrators Meeting

CTE Summer Conference  
July 2024

# CTE Deputy Associate Director and State Director Team



Kevin Imes



Kathy Bowersock

# ADE CTE Initiatives for 2024-2025

- From Compliance to Service – “We are a service agency”
- The “P word”
- The Arizona Education Economic Commission – Superintendents, Industry, and CTEDs

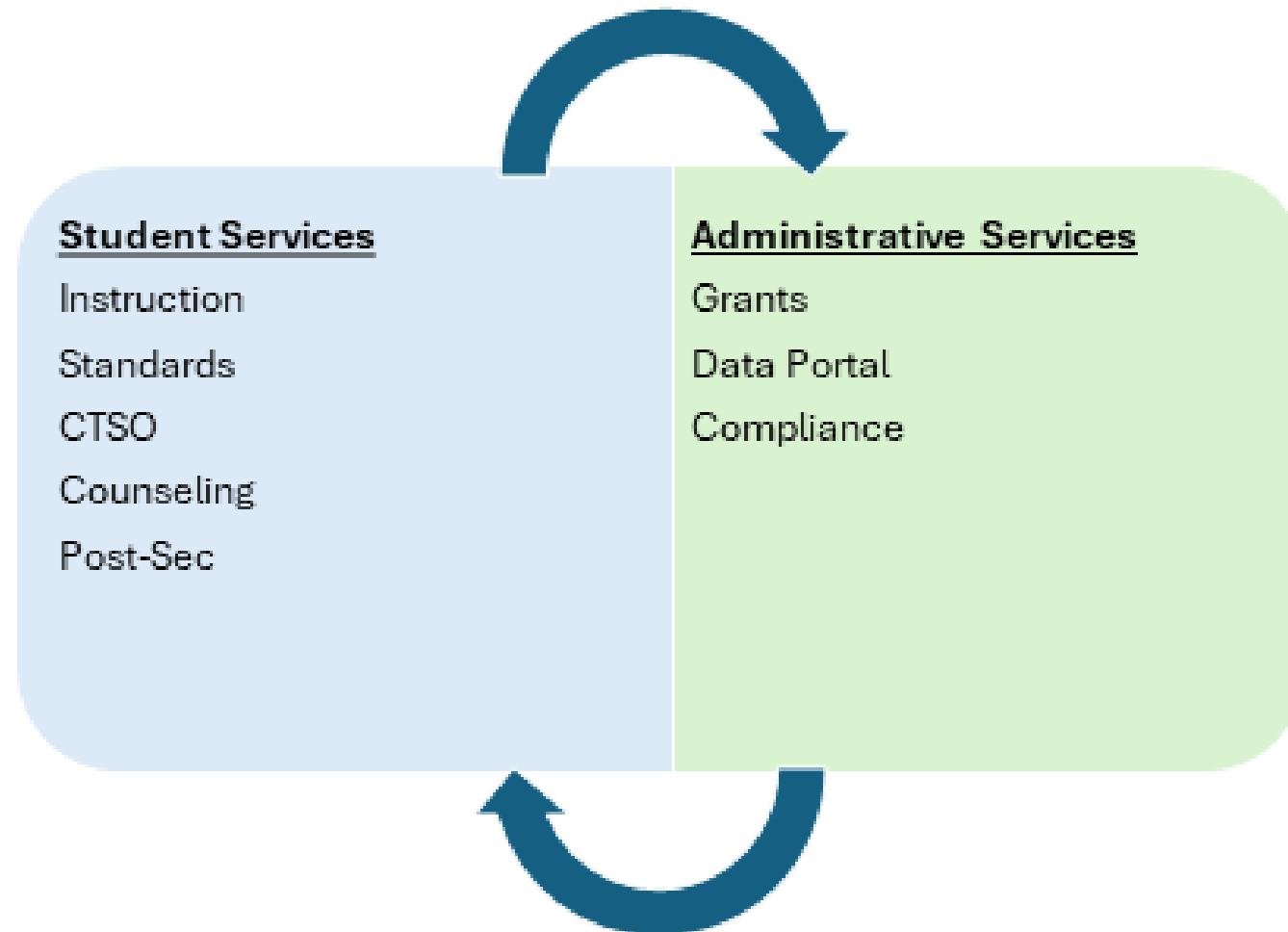
# Move from Compliance to Service

- Why – Mission: Every student has a developed career pathway
- What – Provide a SERVICE to you
- Where – Rural and Metro
- How – Team Alignment
- Who – Everyone. Alignment of teams depend on the service being provided

# Services

- SERVICE – Provide and interpret data to make decisions
- SERVICE – Provide and use resources
- SERVICE – Provide solutions
- SERVICE – Intentional connections to stakeholders

# Service Areas



The ADE CTE Team would like you to share your thoughts with us to help us improve your Customer Service experience.



<https://forms.office.com/r/rXPrtXzDMy>

## The “P Word”

# An update on Perkins



# AEEC Update – Welcome 3 new members

- Superintendent Dr. Manny Valenzuela – Sahuarita Unified School District
- Superintendent Steve Hicks – Camp Verde Unified School District
- Superintendent Dr. John Croteau- Dysart Unified School District



A TRUE PUBLIC-PRIVATE PARTNERSHIP

*"If you want to go fast, go alone. If you want to go further, go together."*

*Robin Jones Gunn*



[AEEC Intro Video 1](#)

[Swiss Ambassador Video](#)



COMMUNITY COLLEGES



LOCAL CTE PROGRAMS



CTEDS



ADULT EDUCATION

WE ARE TEACHING!

**AEEC** | ARIZONA EDUCATION ECONOMIC COMMISSION

Banner Health



HUDBAY

WE ARE HIRING!



Raytheon Technologies

LUCID

# Arizona industry leaders understand the need to collaborate with educators.



## AEEC ARIZONA BUSINESS AND INDUSTRY GROUPS

- 1.SEMICONDUCTOR
- 2.AEROSPACE & DEFENSE
- 3.HEALTHCARE
- 4.NATURAL RESOURCES
- 5.CONSTRUCTION
- 6.MANUFACTURING
- 7.TRANSPORTATION
- 8.INTELLIGENCE & TECHNOLOGY

**THE**



**CAN OFFER YOU**

- **Exposure, Enrollment, and Resources**
- **Resources to reach rural communities**
- **An effective solution that works**
- **Direct contact with industries**

**See you Tuesday – 7/16**  
**Hilton El Conquistador at 4:00 PM**  
**Turquoise Room**



azeec.org

ARIZONA EDUCATION ECONOMIC COMMISSION

# AEEC INDUSTRY PROGRAM SOLUTION





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ARIZONA EDUCATION ECONOMIC COMMISSION

# AEEC INDUSTRY PROGRAM SOLUTION

MIDDLE SCHOOL

HIGH SCHOOL



PUBLIC AWARENESS CAMPAIGN

CAREER ADVISORS

**Outreach:** A Dedicated Team of Career Advisors for each Industries' In-Demand Job & PCO\*

PCO\*: Professional Career On-Boarding



# AEEC INDUSTRY PROGRAM SOLUTION

**Career Exploration Experience:** World-Class Immersive Technology is used to present Career Options in Highly Attractive Way. Unique and Most Technically Advanced Career Exploration Platform to Attract both Parents and Students. Focused on In-Demand Jobs in Key Strategic Industries.

**CAREER EXPLORATION**

**MIDDLE SCHOOL** ..... **HIGH SCHOOL** .....



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**READINESS & INDUSTRY SKILLS**

Middle School Students are Inspired and Introduced to Life & Career Readiness Skills. Including Health, Resiliency and Self-Confidence that builds the foundation for their future.

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SELECT INDUSTRY OF INTEREST

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SELECT CAREER AND CTE ENROLLMENT

High School Students Enroll in one of many Industry Approved Career Technical Education Programs delivered in a traditional and immersive way which also allows us to address the needs of rural areas. Industry created curriculum will prepare students with the needed knowledge, skills and certifications.

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**PERSONAL GROWTH & EMPLOYABILITY DEVELOPMENT**

High School Students Learning Soft Skills:

- Communication Skills
- Developing Work Ethic
- Problem Solving
- Company & Industry Specific Interviewing Skills

High School Students participate in activities that promote their Health and Mental Wellness to support their personal growth.



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EMPLOYMENT & POST SECONDARY

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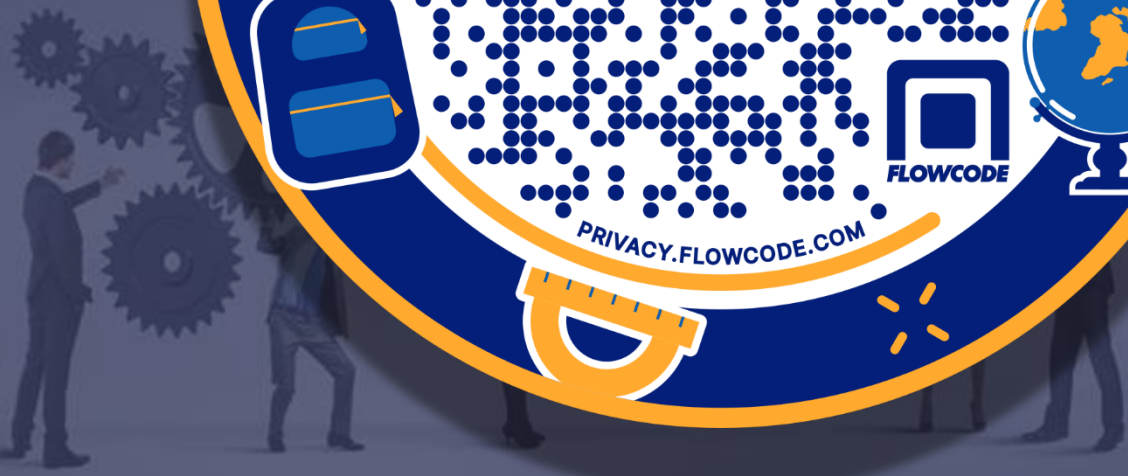
**AEEEC** | ARIZONA  
EDUCATION  
ECONOMIC  
COMMISSION



I'M IN!

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**ASU • Helios**  
**Decision Center for**  
**Educational Excellence**

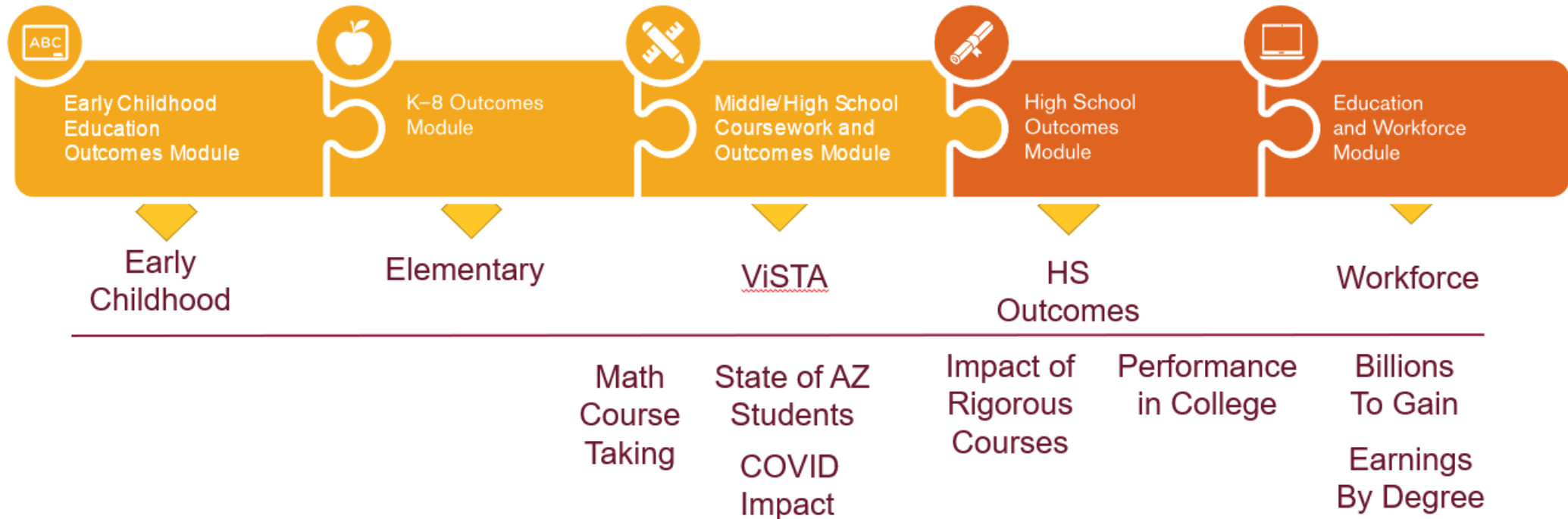
**Joe O'Reilly**

[joseph.oreilly@asu.edu](mailto:joseph.oreilly@asu.edu)

602.320.6087

[Decisioncenter.asu.edu](http://Decisioncenter.asu.edu)

# Our Projects Connect The Dots From Pre-K Through Employment



# Giving High Schools Data on How Students Did in Dual Enrollment, Community College & University



# Workforce & Education

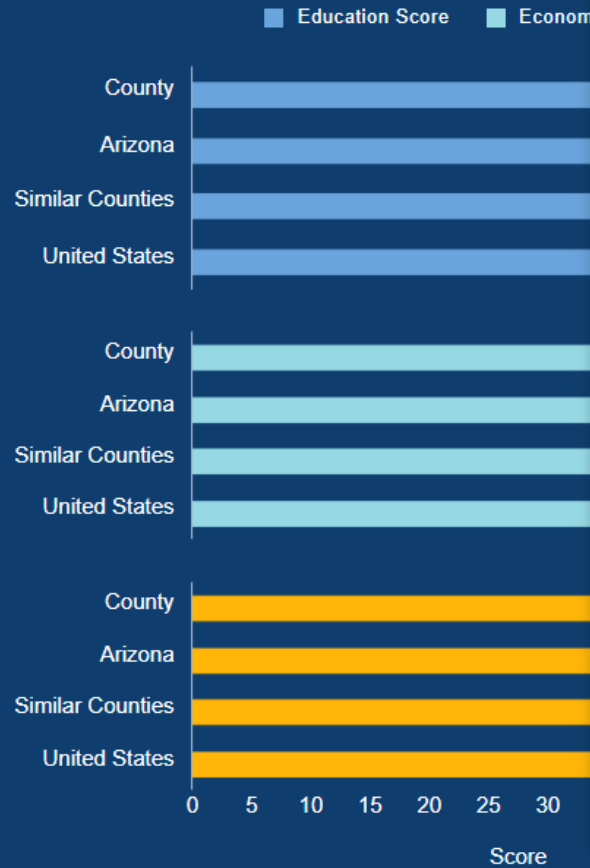


# Characteristics of the Selected County

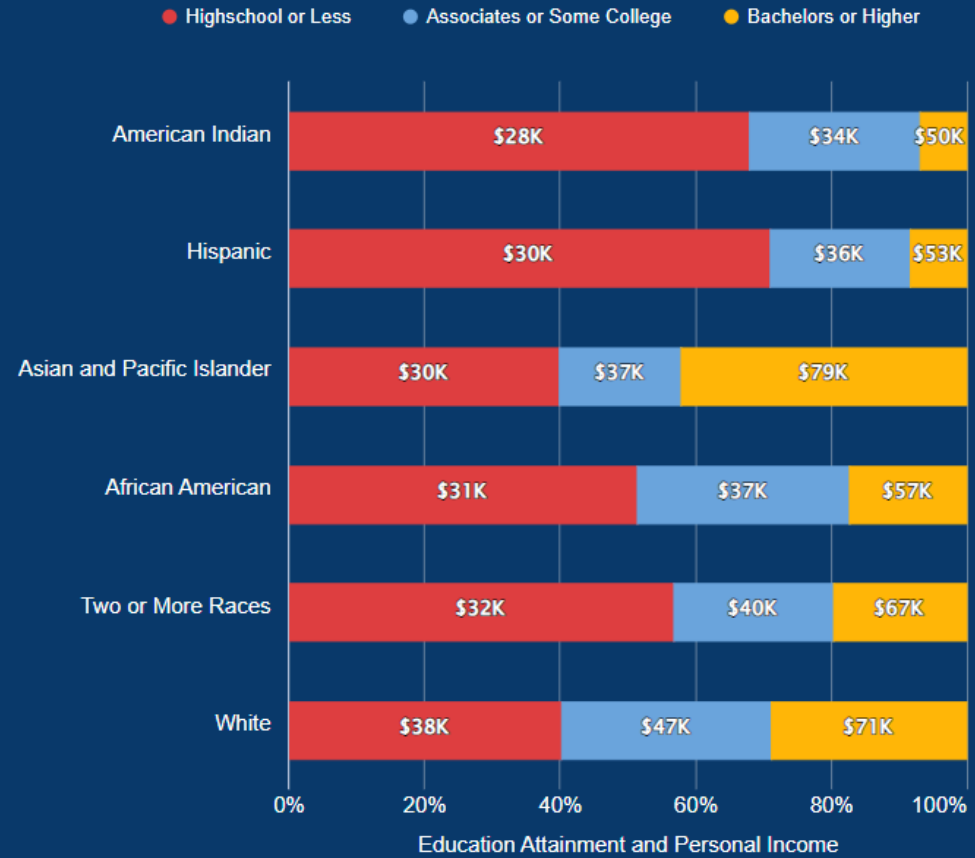


## Regional Score

- Arizona ▲
- Select a region
- Apache
- Arizona
- Cochise
- Coconino
- Gila
- Graham
- Greenlee
- La Paz
- Maricopa
- Mohave
- Navajo
- Pima
- Pinal
- Santa Cruz
- Yavapai
- Yuma



## Regional Outcome





# Industry Overview

## Current and Projected Jobs by Industry

Total Jobs

2,005,867

H3 Percent

33.81%

Degree Demand

495,498

Industrial Diversity

92.8

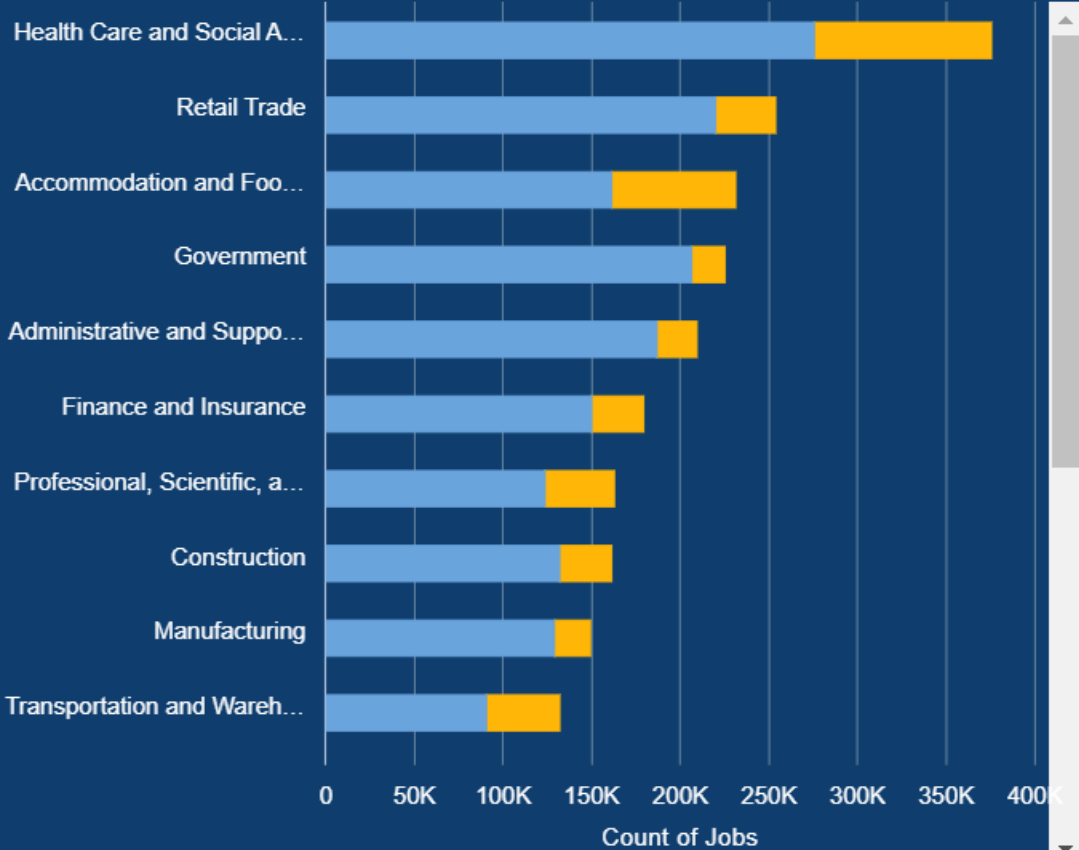
Median Earnings

\$49,332

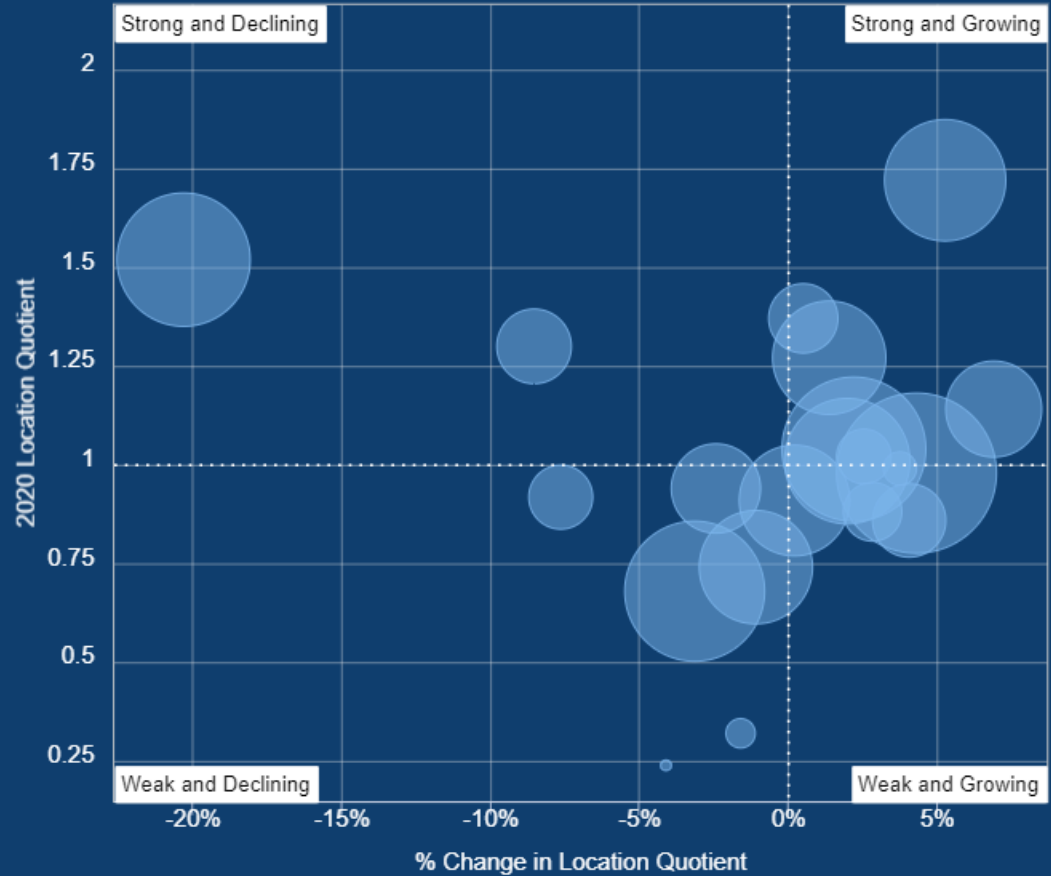
### Industry job counts and projected change

All Jobs

Counts Percent 2020 jobs of industry Change 2020-2030



### Industry concentration and projected change







# Industry Detail

Demographics

Maps

H3 Percent  
34%

Turnover Rate  
46%

Representativeness  
90

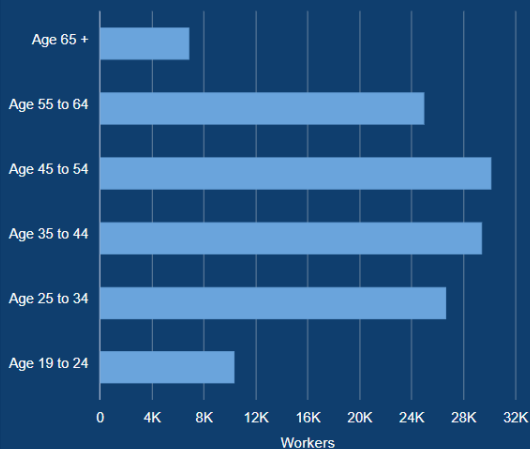
Net Migration  
1,358

Unemployment  
3.5%

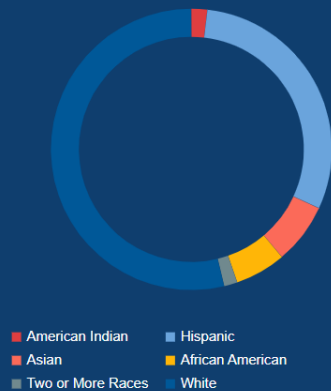
Manufacturing

All Jobs

## Age Distribution



## Race/Ethnicity



## Gender



# Details About A Specific Industry

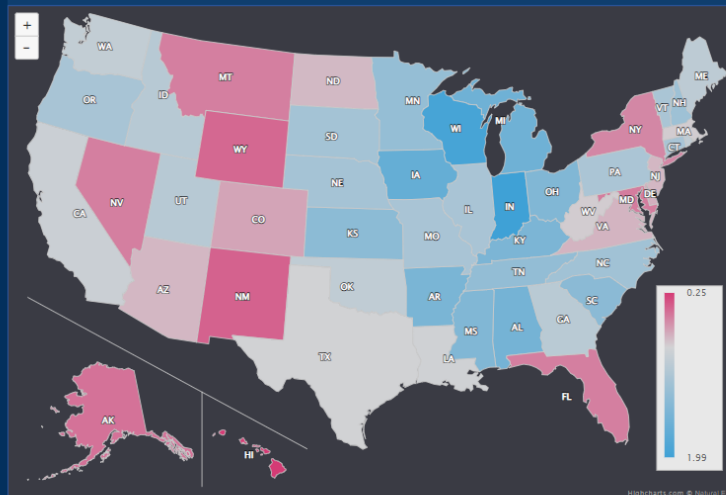
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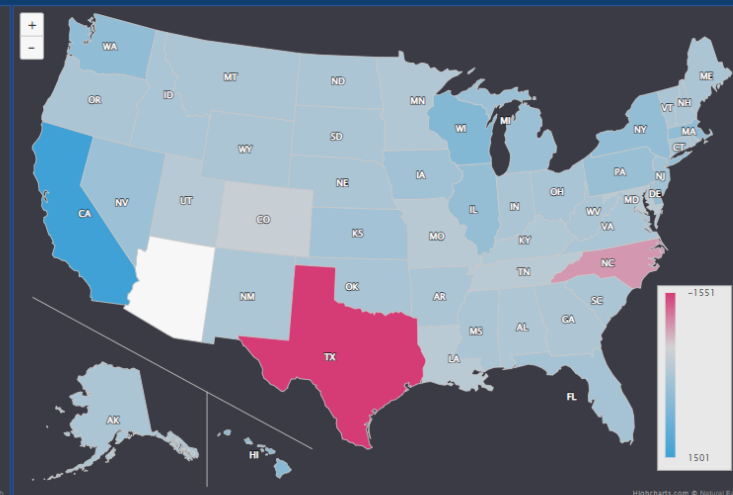
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## Regional Concentration



## Regional Migration

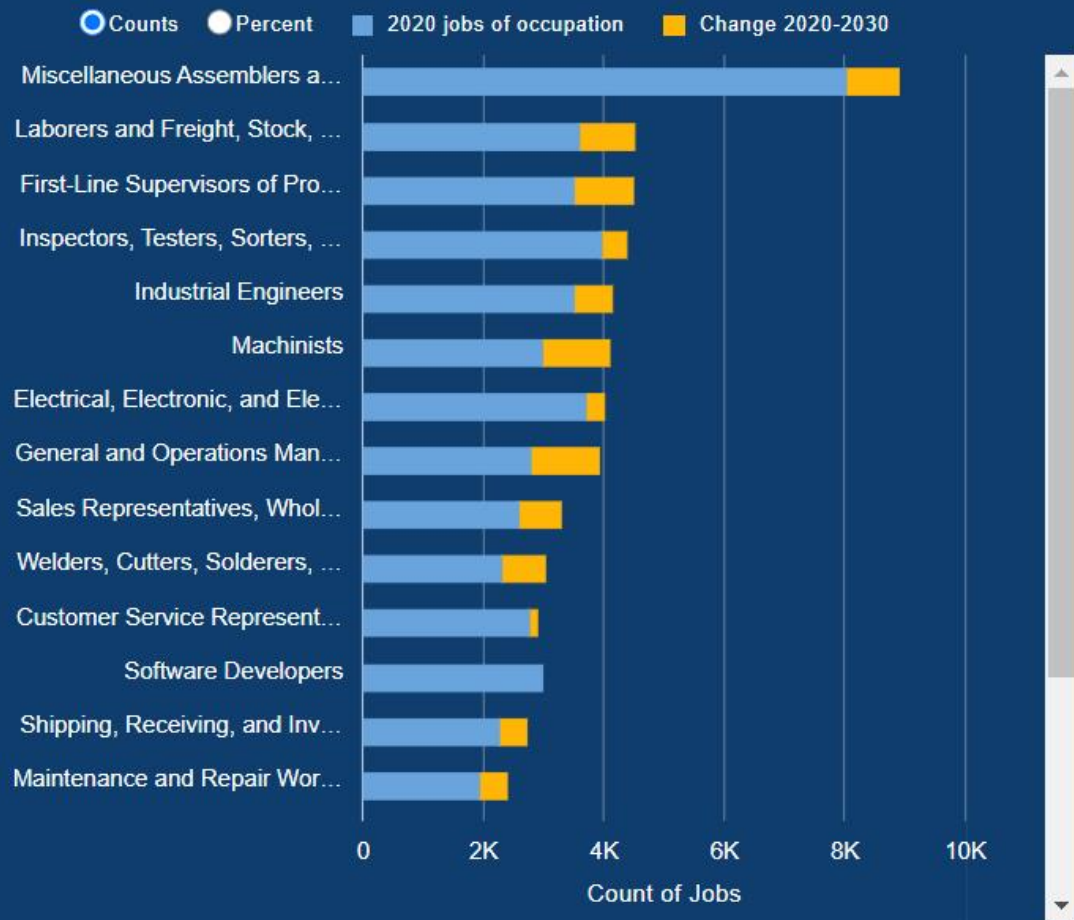




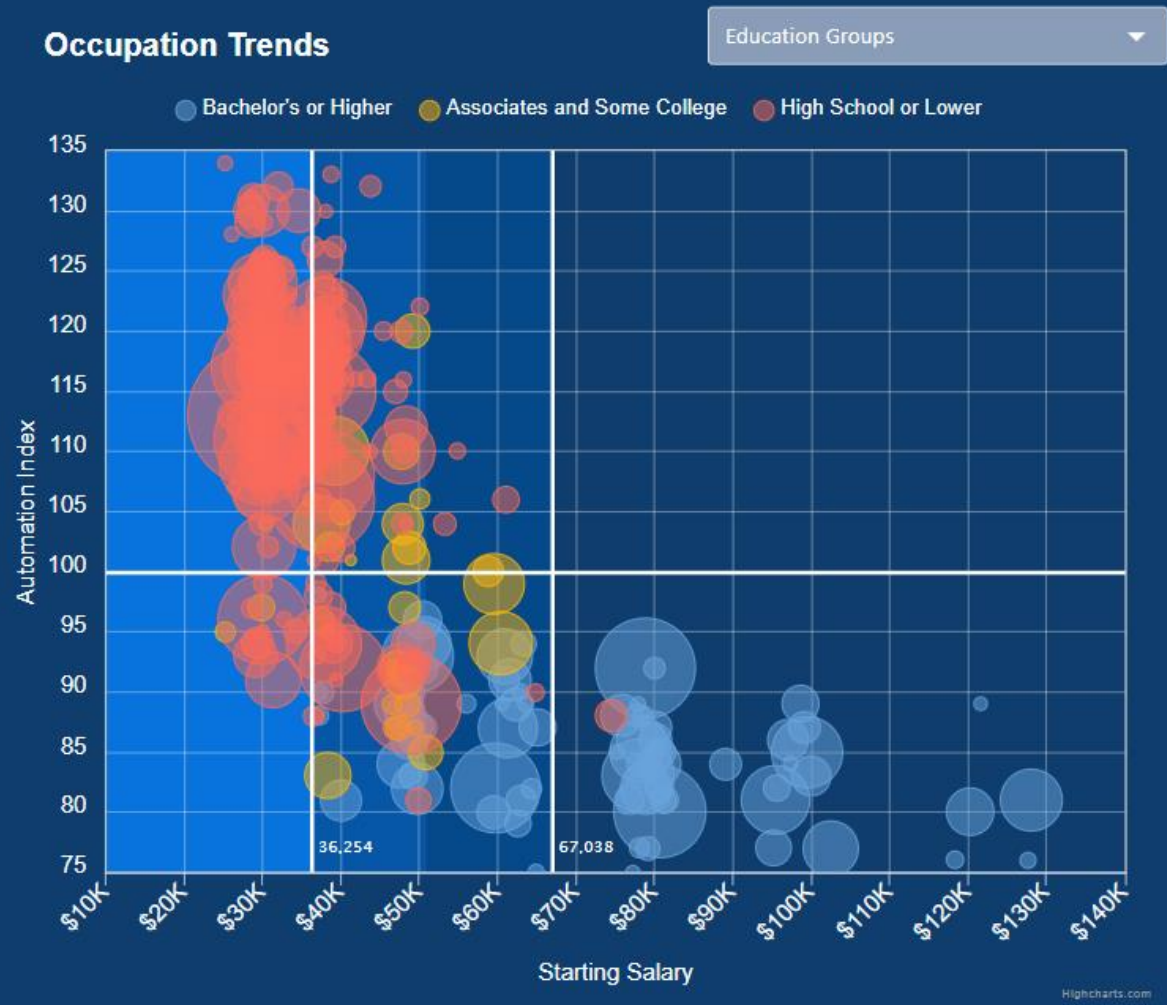


Manufacturing
All Jobs
All Occupations

### Occupation job counts and projected growth

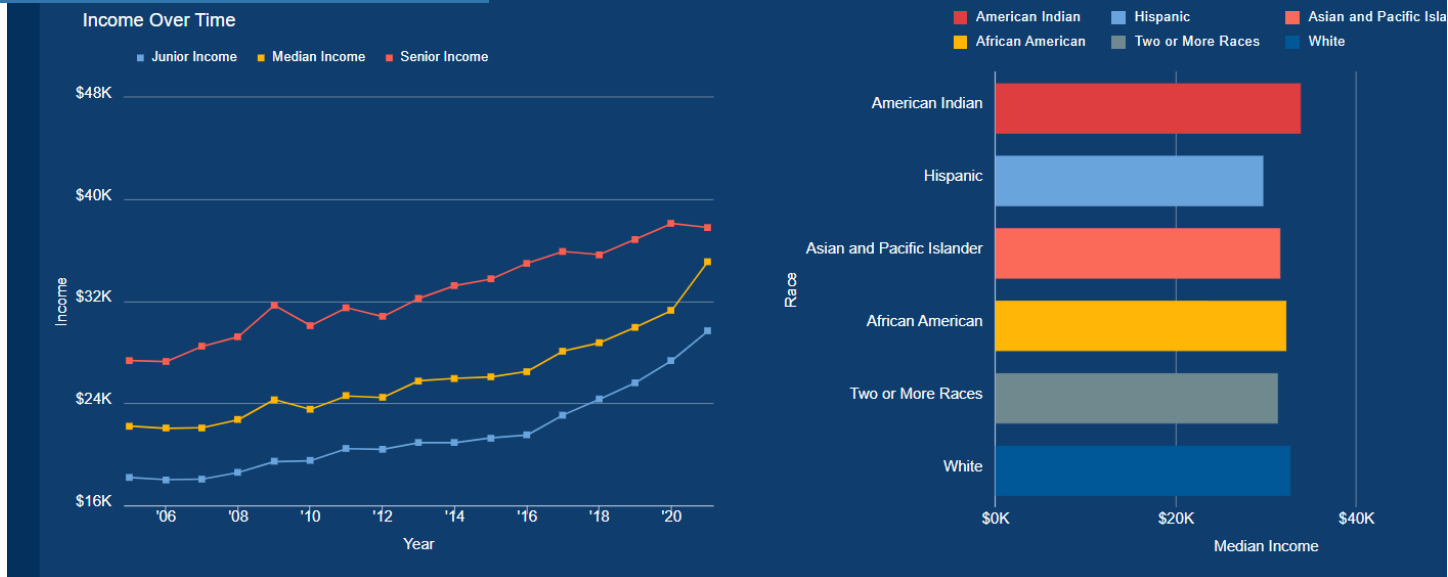
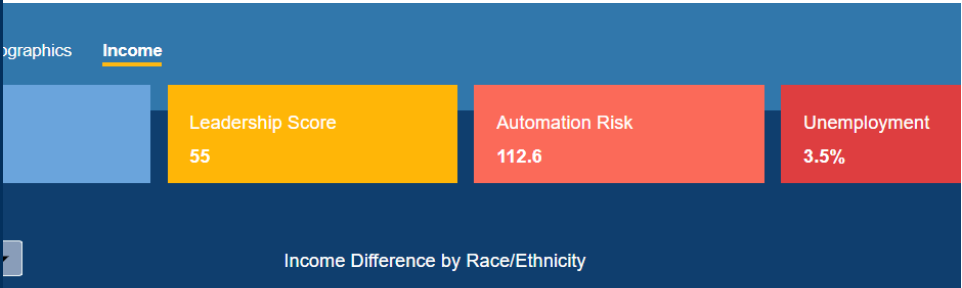


### Occupation Trends





## Details On A Specific Occupation Within a Chosen Industry



# Pathways Into Jobs and to Better Jobs



# Skills Needed To Advance to a Better, Related Job



### Viable Advancement Occupations

Openings

213

Income Increase

+ \$27,068 (77%)

Automation Risk

Significantly Lower

Turnover

34% ↑

Food Batchmakers



Industrial Engineering Technologists and Technicians



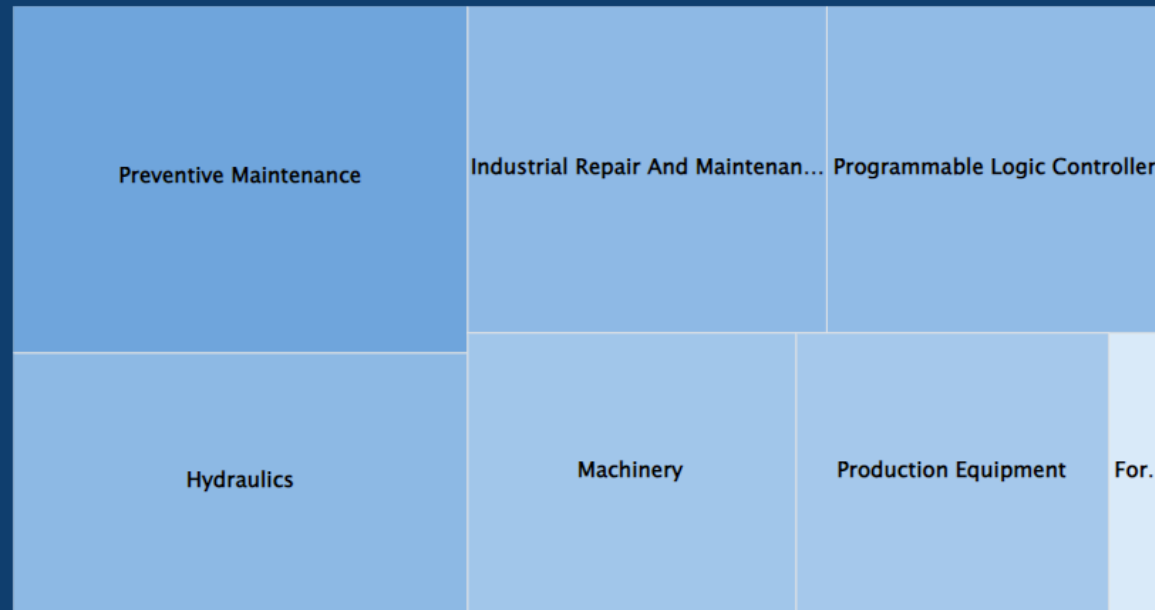
Industrial Machinery Mechanics



Installation, Maintenance, and Repair Workers, All Other



Rolling Machine Setters, Operators, and Tenders, Metal and Plastic



Importance Score 5 4 3 2 1 0

# Outcomes of the Education System in the Selected County

## Education

Summary

Post-Secondary

Career and Technical Education

Total Students

1,232,776

AZ ELA

37.4%

AZ Math

29.7%

High School Outcomes

76%

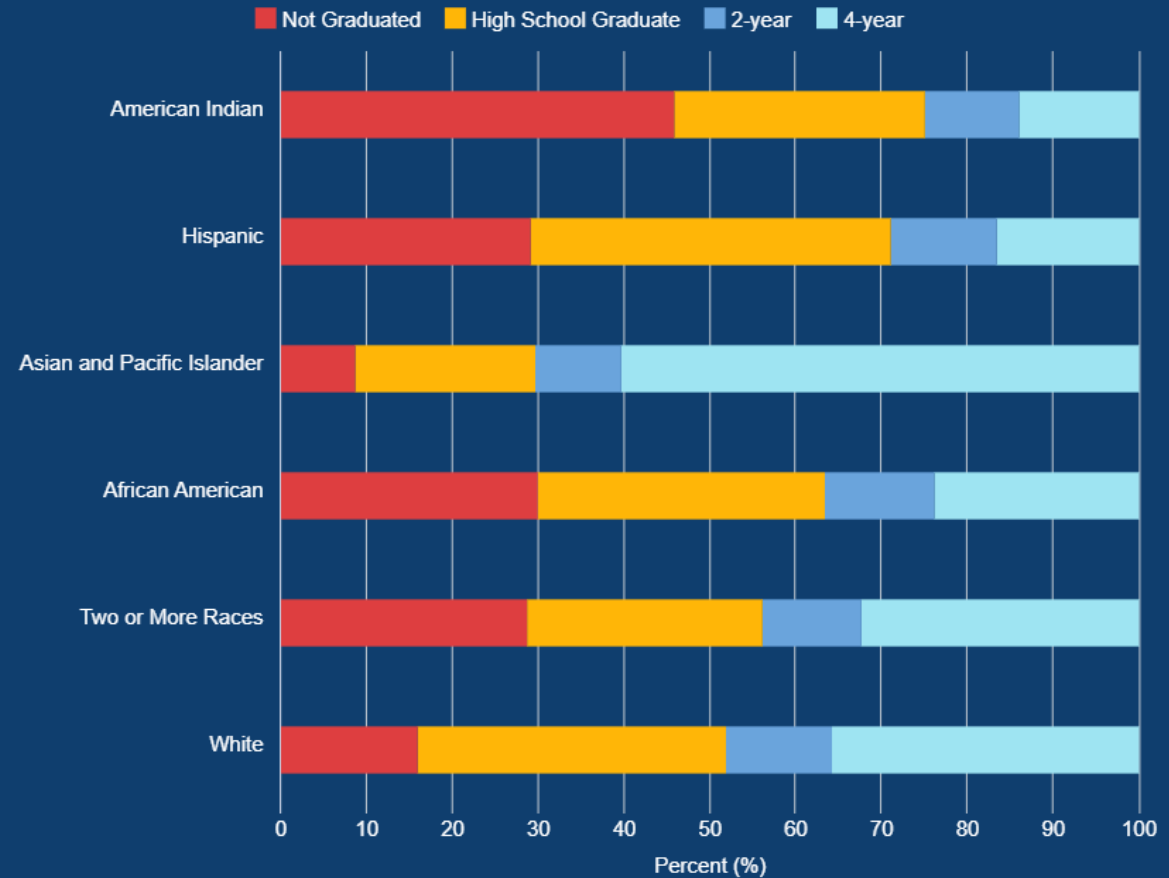
Post-Secondary Enrollment

45.5%

### Education Summary

NAEP	Arizona	United States	Rank
4th Grade Reading	31.4%	33.1%	28
8th Grade Math	23.8%	25.3%	33

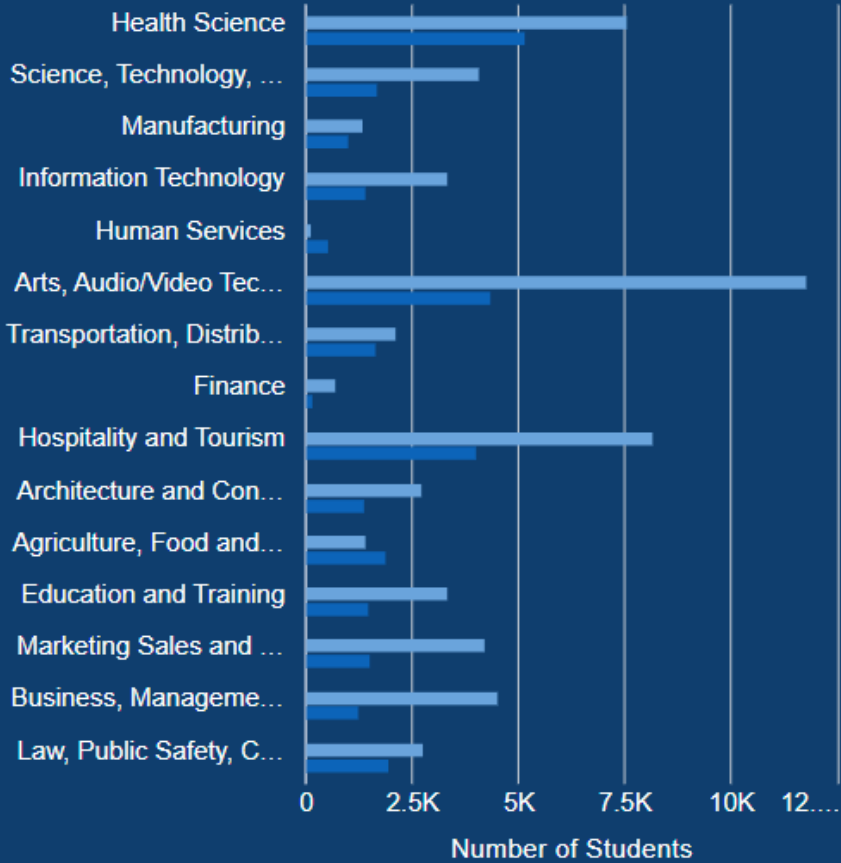
Metric	County	Arizona	United States
High School Graduation	76.0%	75.7%	85.3%
Post-Secondary Enrollment	45.5%	44.5%	60.0%



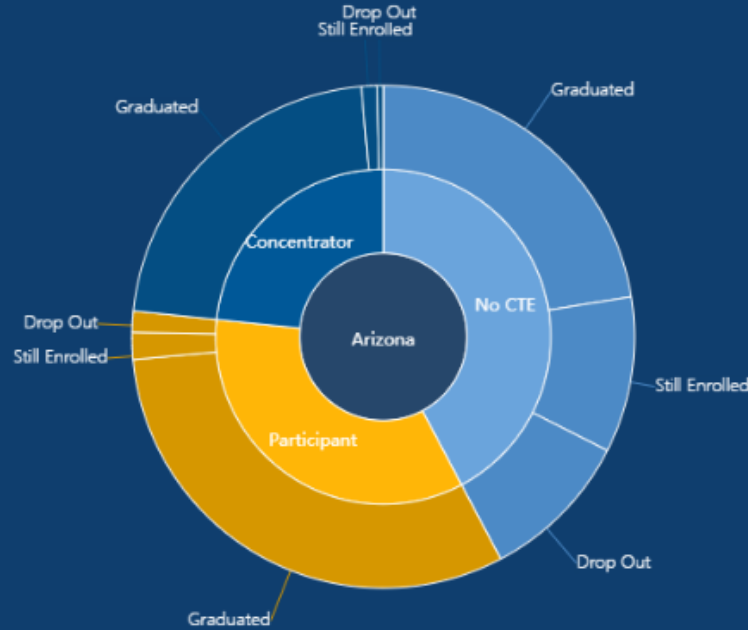
# CTE Outcomes in the Selected County

All Subgroups ▾

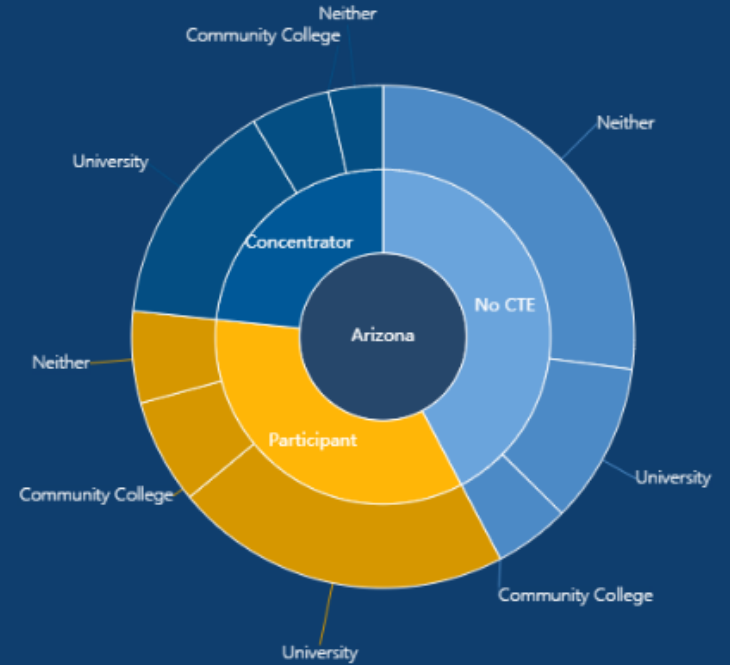
Participant Concentrator



## CTE and Graduation



## CTE and Path to College



# How Can This Module Be Useful To You?







**ASU • Helios**  
**Decision Center for**  
**Educational Excellence**

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# School Counselor Team



Emily Brown

# Fiscal and Grants Team



Gina Schmitz



Bobby Neves



Kendra McCaffrey



Cindy Tucci



Audrey Dieken



Mark McManus

# FY 2025 Federal Perkins

**\$34,315,878**

allocated to Arizona

# FY 2025 Allocation Breakdown

## FY 2025 Federal Perkins

Secondary	\$24,364,479.08
Postsecondary	\$5,348,300.28
Reserve	\$1,116,766.14
State Leadership	\$1,879,350.00
Basic Administration	\$1,606,982.50

# FY 2025 Allocation Breakdown

## FY 2025 State Priority

Arizona	\$11,576,300.00
Secondary	\$9,000,942.00
State Administration Match	\$2,575,358.00

# CTE Grants – Perkins 2024 Grant Reminders

- Grant Final Narratives & Performance Measure Improvement Plan Final Summaries of Progress Due September 15th
- Reimbursements & Budget remaining
- Grant end determined by District: June 30<sup>th</sup> or September 30<sup>th</sup>
- Completion Report due 90 days after project end date.

# Grant Specialist Changing to Align Schools Within a CTED

<b>Mark McManus / Charles Jarvis</b>	<b>Cindy Tucci / Tammie Chavez</b>	<b>Audrey Dieken / Charles Jarvis</b>	<b>Gina Schmitz</b>
CAVIT	CVIT	EVIT	CTE Industry Credential Grants
CTD	NATIVE	GIFT	State Leadership Grants
CAVIAT	NAVIT	WAVE	State Innovative Grants
Mountain Institute CTED	Pima JTED	All Postsecondary Schools	
STEDY	Charters not affiliated with a CTED		
VACTE			
West-MEC			
State Institutions			



# Data Accountability Team



Charles Jarvis



Samuel Irvin



Tammie Chavez



# Perkins V SDLP for FY 2025

Textual definitions for performance measures did NOT change.

Secondary Performance Measures	SDLP	90% of SDLP	Postsecondary Performance Measures	SDLP	90% of SDLP
1S1 Graduation Rate	95.75%	86.18%	1P1 Retention & Placement	50.48%	45.53%
2S2 Reading/ELA Proficiency	40.83%	36.74%	2P1 Credential, Certificate, or Degree	51.98%	46.78%
2S2 Mathematics Proficiency	43.68%	39.31%	3P1 Nontraditional Enrollment	30.57%	27.52%
2S3 Science Proficiency	22.62%	20.36%			
3S1 Placement	70.61%	63.55%			
4S1 Nontraditional	32.25%	29.03%			
5S1 Industry Credentials	85.92%	77.32%			
5S4 Technical Skills Assessment	76.27%	68.64%			

- State Determined Levels of Performance are for FY 2025 only (plan revision year).
- Established per Perkins requirements – higher than the average of the past two year’s actual performance
  - 2022 and 2023
  - Exception is 2S3 Science due to new science assessment (AzSCI)

# CTE Data & Accountability Updates

- CTE Data Portal is currently open for edits/adjustments to FY 2023-2024 Enrollment and FY 2022-2023 Placement Survey
- CTE staff are reviewing data for consistency and technical issues
- LEA must review for accuracy
- Postsecondary CAR III/IV will open in October, due in December, no changes to the CAR III/IV forms from last year
- Donna Kerwin has retired – Charles Jarvis is new point-of-contact until new staff is hired and onboarded

## FY 2023-2024 Preliminary Perkins Performance (Secondary)

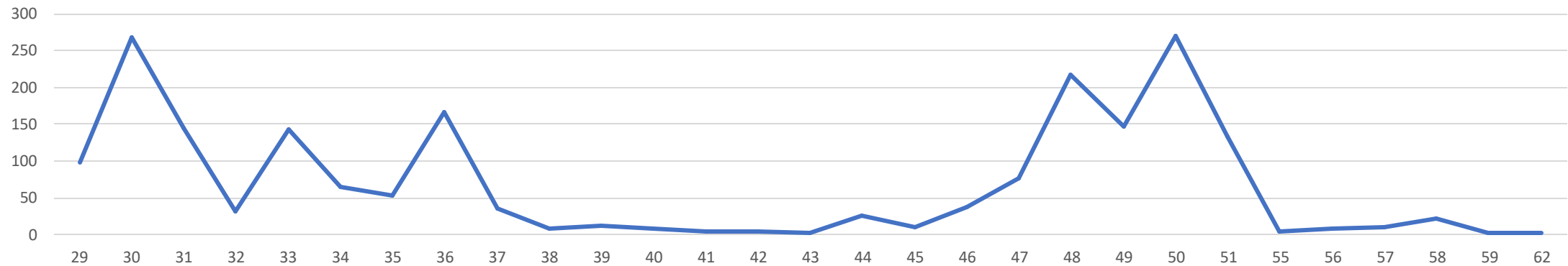
Secondary Performance Measures	Numerator	Denominator	Preliminary Performance	SDLP	Met 90%
1S1 Graduation Rate	26836	27883	96.2%	93%	Yes
2S2 Reading/ELA Proficiency	11445	26420	43.3%	25.25%	Yes
2S2 Mathematics Proficiency	9736	26420	36.9%	29%	Yes
2S3 Science Proficiency	6341	26209	24.2%	21%	Yes
3S1 Placement	18298	26551	68.9%	77%	No
4S1 Nontraditional	9087	31747	28.6%	34%	No
5S1 Industry Credentials	10302	12162	84.7%	34%	Yes
5S4 Technical Skills Assessment	18945	23427	80.9%	71%	Yes

Postsecondary performance not available.

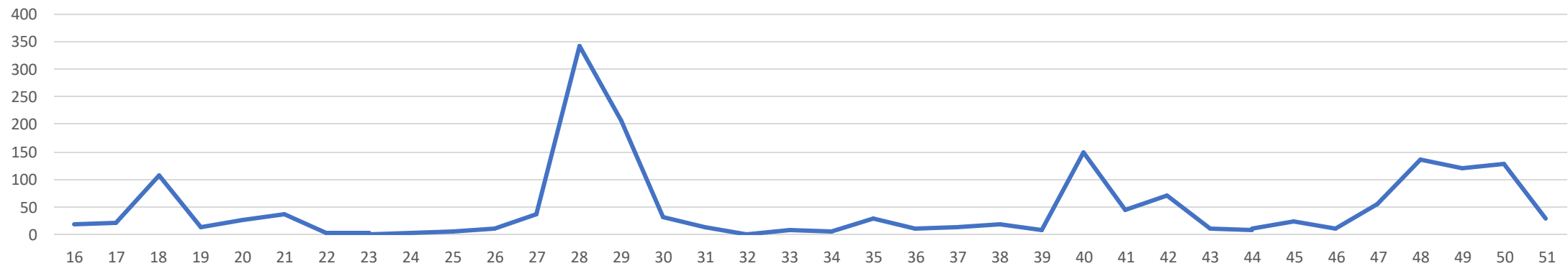
# Enrollment Data Submission by Week

LEAs did a great job submitting data over the course of the year (fewer “spikes”)!

FY 2023



FY 2024



# Standards, Assessment and Career Development Team



Susan Farretta



Judy Balogh



Cathy Reed



Hannah Higgs



Jet Wilson Dight

# Technical Standards Technical Skills Assessment and eCTE

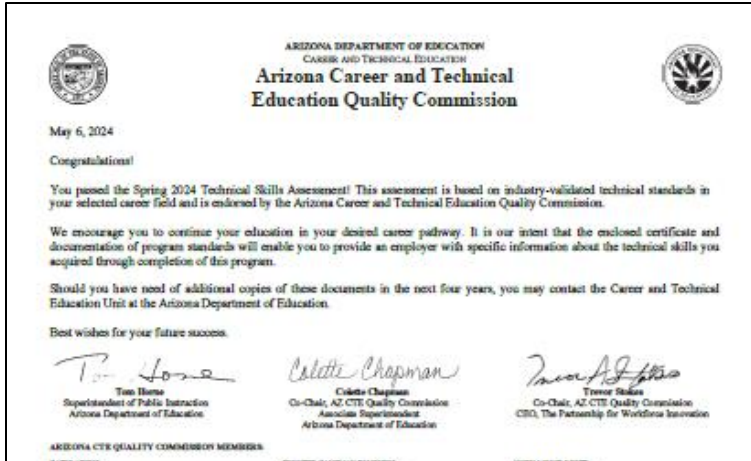
## Updated Program Technical Standards

**Aircraft Mechanics**  
**Automotive Collision Repair**  
**Diesel Engine Repair**  
**Early Childhood Education**  
**Fashion Design & Operations**  
**Network Security**  
**Software and App Design**

**Energy Systems**  
**Heavy Industrial Maintenance**  
**Heating, Ventilation, & Air Conditioning**  
**Plumbing**



# 2023-2024 TSA Results



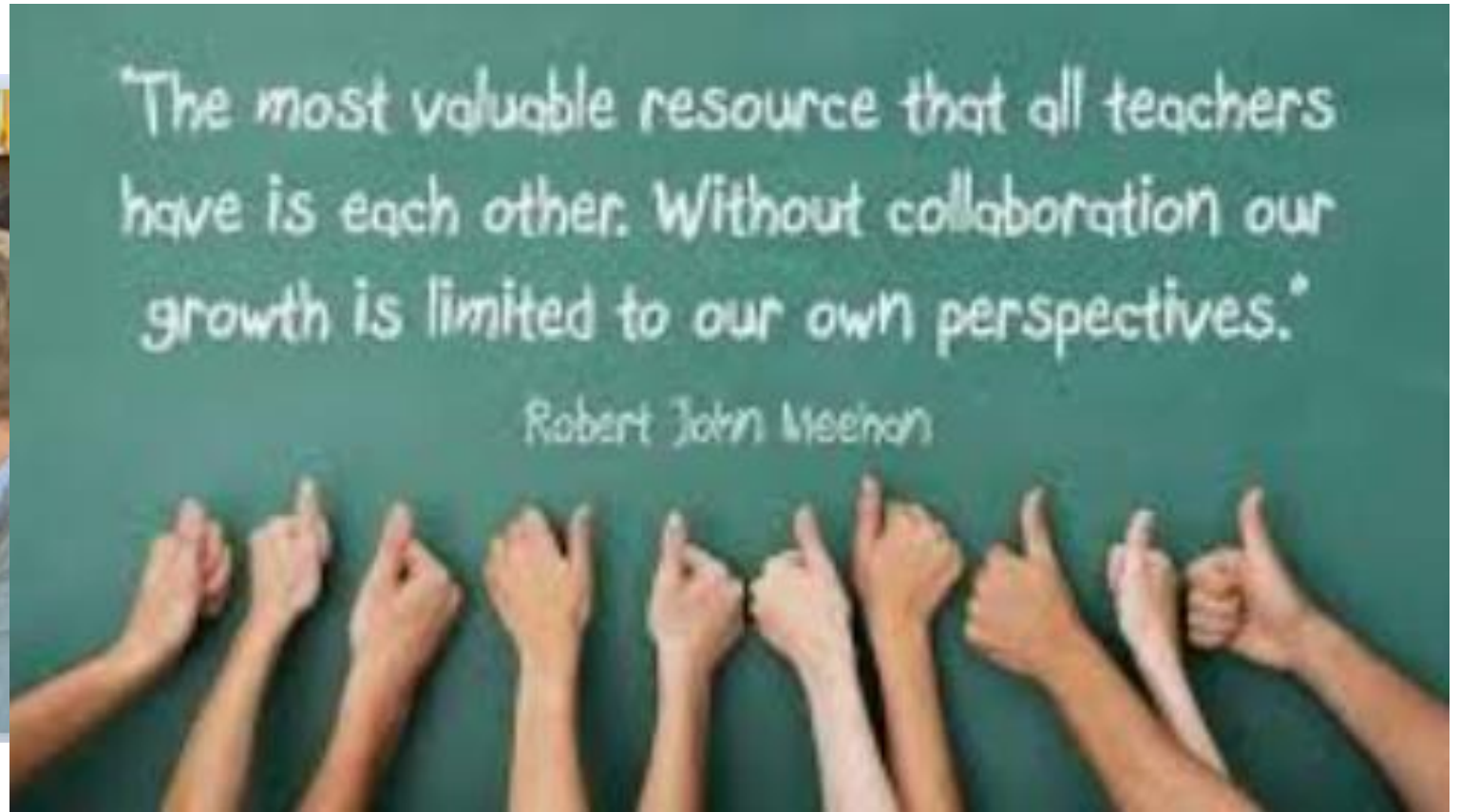
54 Programs

39,138 Students

29,655 Passed (76%)



# 2024 TSA Teacher Institutes



**30 programs      200+ teachers**  
**6 all-day institutes**

# Introducing...



# eCTE

**Early CTE introduces middle school students to careers of interest.**

**Early CTE engages middle school students in knowledge and skills required by various careers.**

**Early CTE leads middle school students to career plans that includes academic studies and CTE programs.**

## Standards, Assessment, Career Development Team

### **Judy Balogh**

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### **Jet Wilson Dight**

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# Program Services Team



Tracy Rexroat



Joe Grieco



Elena Sobampo



Cindy Gutierrez



Kylie Chamblee



Jason Wojcik



Bruce Watkins

# CTE Program Services

<https://www.azed.gov/cte>

## **Webpages – CTE program related**

### **CTE Programs and Standards**

<https://www.azed.gov/cte/programs>

### **Industry Credentials**

<https://www.azed.gov/cte/cte-industry-credentials>

### **Work-Based Learning – New!**

<https://www.azed.gov/cte/work-based-learning>

### **Technical Skills Assessments**

<https://www.azed.gov/cte/assessments>

### **CTSO**

<https://www.azed.gov/cte/ctso>

### **Arizona CTE Professional Skills**

<https://www.azed.gov/cte/profskills>

### **CTE Teacher Certification**

<https://www.azed.gov/cte/certification-professional-development>

## CTE Programs and Standards

CTE Program Lists and Information:

▶ [Elements of an Approved CTE Program](#)

▶ [Approved CTE Program Lists](#)

Below is an alphabetical list of all programs that includes program descriptions, industry credentials, coherent sequences, technical standards, blueprints, equipment lists, and more.

▶ [A-B](#)

▶ [C-E](#)

▶ [F-L](#)

▶ [M-Z](#)

▶ [CTE Programs with Embedded Academics](#)

▶ [Local Occupational Programs](#)

▶ [The Development of Arizona Career and Technical Education Programs](#)

▶ [ADE Quality and Compliance Monitoring](#)

[AZ CTE Home Page](#)

[CTE Programs and Standards](#) ▾

[CTED - Career & Technical Education District](#)

[CTE Postsecondary](#)

[CTE Industry Credentials](#)

[CTE Technical Skills Assessments \(TSAs\)](#)

[CTE Grants](#)

[CTE Data and Accountability](#)

[Arizona School Counselors](#)

[CTE Administrator Resources](#)

[CTE Work-Based Learning](#)

[Arizona CTE Professional Skills](#)

[K-8 Career Literacy](#)

[CTSOs](#)

[CTE Certification & Professional](#)

# Upcoming Dates to Know

New Perkins V entity applications – Due August 1<sup>st</sup>

- Any new LEA or charter wishing to become a Perkins approved program

New Industry Credentials - Sept 2024 State Board of Education

- Any Approved Credentials added to SY 24-25 list

On going SY 24-25 – Requests for:

- Monitoring training at the district/teacher level
- Program specific technical assistance/new teacher assistance
- Professional support-standards based technical trainings



# Program Monitoring – Service focused

**2020-2021** – the beginning, a year of challenges

- Several changes to improve processes and evaluation of programs as well as interrater reliability

**2021-2022**

- Development of guides, new procedures to better serve districts

**2022 - 2023**

- CTED community college program monitoring form
- IGA guidance for compliance
- HLC crosswalk for Quality
- Funding guidance

**2023 – 2024**

- automated email reminders
- Major Change – annual CTSO compliance submission form

**2024 - 2025**

- Using prior year CTSO submission data for 7a and 7b
- **New** Work-Based Learning Guide
- No further changes for last year of rotation

Continue to seek input to better serve our CTE Family



# CTSO Team



Lacy Beanland-Kirk



Julie Ellis



Missey Boucher-Goodman



Bethany Matos



Andrew Kuntz



Sandra Oigny



Michelle Martinez



Alvin Todd



Megan Victory



Cheryl Groat



Allison Ashford

# CTSOs





# CTSO Membership

- Breakdown sheet with each CTSO
- On ADE Website
- In Packet

- **FBLA – Pay State**
- **FCCLA – Pay Nationals**
- **FFA – Pay State**
- **HOSA – Pay Nationals**
- **Skills USA – Pay Nationals**

## CTSO MEMBERSHIP

CTSO	WHERE TO ENTER MEMBERS:		INDIVIDUAL DUES (See Chart Below for Pricing)	AFFILIATION PROGRAM DUES (See Chart Below for Pricing)	MINIMUM MEMBERSHIP REQUIREMENT	PAY DUES TO:		RECEIVE INVOICE FROM:		DUE DATE:	
	STATE	NATIONALS				STATE	NATIONALS	STATE	NATIONALS	FALL	SPRING
Arizona DECA	No	Yes	\$15 or \$20 per Student \$15 or \$20 per Advisor	Yes	5 Students + 1 Advisor	No	Yes	No	Yes	30-Sep	1-Feb
EdRising Arizona	Yes	Yes	\$20.00 per Student \$20.00 per Advisor	Yes	5 Students + 1 Advisor	Yes	No	No	No	30-Sep	1-Mar
Arizona FBLA	No	Yes	No Individual Fee \$25.00 per Advisor	Yes	5 Students + 1 Advisor	No	Yes	No	Yes	1-Oct	1-Mar
FCCLA Arizona	No	Yes	\$20.00 per Student \$20.00 per Advisor	No	12 Students + 1 Advisor	No	Yes	No	Yes	30-Sep	1-Mar
Arizona FFA	Input membership through acls.org		\$14.00 per Student only +\$35.00 Chapter Fee \$20.00 per Student	Yes	5 Students	Yes	No	Yes	No	30-Sep	15-Feb
Arizona HOSA	No	Yes	\$20.00 per Student \$20.00 per Advisor	Yes	5 Students + 1 Advisor	Yes Total Affiliation	Yes Traditional	Yes Total Affiliation	Yes Traditional	1-Nov	15-Mar
SkillsUSA Arizona	No	Yes	\$20.00 per Student \$27.00 per Advisor	Yes	5 Students + 1 Advisor	No	Yes	No	Yes	15-Nov	1-Mar
Arizona Thespians	No	Yes	\$35.00 per Member	Yes	5 Students + 1 Advisor	No	Yes	No	Yes	Yes No Specific Date	Yes No Specific Date

### PROGRAM AFFILIATION MEMBERSHIP

ARIZONA DECA		ARIZONA FBLA		ARIZONA FFA			
100% PROGRAM AFFILIATION	TOTAL COST	CHAPTER ENROLLMENT	CO-CURRICULUM PROGRAM	ENROLLMENT IN AG ED CLASSES	BASIC AFFILIATION FEE	ONE STAR SUPPLEMENTAL PACKAGE FEE	TOTAL ONE STAR AFFILIATION FEE
Must affiliate 100% of students in program including both Challenge units, Student Based Enterprise, and Internships. Number of members registered should approximately match current year 100th day enrollment.	# x \$15.00 per Student or Advisor	5-40	\$600.00	5-40	\$650.00	\$550.00	\$1,200.00
		41-75	\$1,125.00	41-100	\$650.00	\$650.00	\$1,300.00
		76-100	\$1,500.00	101-150	\$1,400.00	\$800.00	\$2,200.00
		101-125	\$1,675.00	151-200	\$2,400.00	\$750.00	\$3,150.00
		126-150	\$2,250.00	201-250	\$2,750.00	\$550.00	\$3,300.00
		151-175	\$2,625.00	251-300	\$3,300.00	waived	\$3,300.00
		176-200	\$3,000.00	301-350	\$3,850.00	waived	\$3,850.00
		201-225	\$3,375.00	351-400	\$4,350.00	waived	\$4,350.00
		226-250	\$3,750.00	401-450	\$4,850.00	waived	\$4,850.00
		251-275	\$4,125.00	451-500	\$5,500.00	waived	\$5,500.00
Chapter Activation Form and DECA Membership Portal must be completed for registration. Payments for membership must be made directly to: DECA Inc. Attn: DECA Membership 1908 Association Drive Reston, VA 20191		276-300	\$4,500.00	501+	\$6,150.00	waived	\$6,150.00
		301-325	\$4,875.00	For Two Star Supplemental Packages, contact Bethany Matos at <a href="mailto:Bethany.Matos@azed.gov">Bethany.Matos@azed.gov</a>			
		325+ or district wide	Contact FBLA Arizona				
		Add \$25.00 per Advisor for the Professional Division.					



Revised July 27, 2020

NO. OF STUDENTS		STUDENT AFFILIATION	EDUCATIONAL RESOURCES	PROFESSIONAL AFFILIATION	TOTAL COST
1-24	Not Eligible				
25 - 99	\$395.00		The formula used for the minimum dollars you must purchase is: \$5.55 x the number of student affiliations. NOTE: You must pay the retail price of the product you choose to order. Your required purchase may be more if the product you are purchasing costs more than the minimum formula calculated above.	The affiliation is inclusive of both your state and the national affiliations. Use the formula below to determine the cost per professional: State affiliation PLUS \$20.00 national. For state affiliation cost go to: <a href="http://bit.ly/3d8jS4TDP">http://bit.ly/3d8jS4TDP</a> Minimum of one professional for every 100 students.	Student Affiliation + Educational Resources & applicable shipping + Professional Affiliation
100 - 150	\$640.00				
151 - 250	\$1,312.00				
251 - 350	\$1,750.00				
351 - 500	\$2,185.00				
501 - 650	\$2,750.00				
651 - 750	\$3,045.00				
751 - 1,000	\$3,770.00				
1,001 - 1,250*	\$4,425.00				

\*Due November 15. For more Members, please view the full document at: <https://www.skillsusa.org/?a=100>

ARIZONA HOSA	
100% PROGRAM AFFILIATION	TOTAL COST
Must affiliate at least 100% of program. Number of members should be at or around 100th day enrollment from previous year.	# x \$20.00 - 20%
<b>MUST SUBMIT FORM</b>	

EdRising Arizona	
100% PROGRAM AFFILIATION	TOTAL COST
Must affiliate 100% of program. Number of members should be pulled from your 100th day enrollment from previous year and will be verified at the state office.	# of students in the program on 100th day enrollment from previous year x \$20.00 - 20% = Total Due

# Calendar of Events

- On ADE Website
- Will update TBDs when they become available
- In packet

ARIZONA CTOSs CALENDAR OF EVENTS			ARIZONA DEPARTMENT OF EDUCATION		
DATE	2024	DATE	2025		
6-8	FFA - State Leadership Conference (Tucson, AZ)	TBD	DECA - District Competitions (Statewide) [January]		
13	CTSO New Advisor Training (Glendale, AZ)	TBD	HOSA - State Online Testing (Online)		
20-24	SkillsUSA - State Officer Leverage Training (Atlanta, GA)	TBD	SkillsUSA - Regional Leadership & Skills Conferences		
17-21	FFA - State Leadership Camp (Heber, AZ)	TBD	HOSA - Regional Conferences (TBD)		
24-29	SkillsUSA - National Leadership & Skills Conference (Atlanta, GA)	TBD	FBLA - Region 4 Conference (TBD)		
26-29	HOSA - International Leadership Conference (Houston, TX)	TBD	FBLA - Region 2 Conference (TBD)		
8/27-7/8	FBLA - National Leadership Conference (Orlando, FL)	TBD	FBLA - Middle Level Competition (TBD)		
8/28-7/6	FCCLA - National Leadership Conference (Seattle, WA)	TBD	FBLA - Region 3 Conference (Phoenix, AZ – GCU)		
13	CTSO New Advisor Training (Tucson, AZ)	TBD	FBLA - Region 1 Conference (Thatcher, AZ – EAC)		
25-27	SkillsUSA - State Officer Training (Tucson, AZ)	TBD	FBLA - Region 5 Conference (Phoenix, AZ – GCU)		
1	CTSO New Advisor Training - (Phoenix, AZ)	24-25	FFA - Pinnacle - Senior Leadership Conference (Peoria, AZ)		
22-23	FBLA - Adviser Leadership Conference (Tucson, AZ)	TBD	HOSAAAZATA - Regional Sports Medicine Conference		
22-23	SkillsUSA - Adviser Leadership Conference (Tucson, AZ)	TBD	SkillsUSA - Regional Leadership & Skills Conferences		
29-30	DECA - Adviser Leadership Conference (Tucson, AZ)	7	FCCLA - Pre-SLC Workshop - Virtual		
29-30	HOSA - Adviser Leadership Conference (Tucson, AZ)	28-1	FFA - Spring Conference (Tucson, AZ)		
29-30	FCCLA - Adviser Boot Camp (ABC) (Tucson, AZ)	TBD	DECA - State Career Development Conference (Phoenix, AZ)		
TBD - Aug 31	FFA - Chapter Officer Leadership Training (Mesa, AZ)	2-3	FFA - Chapter Officer Leadership Training (Mesa, AZ)		
TBD	SkillsUSA - SPARK Program of Work Conference (Phoenix, AZ)	3-5	FCCLA - State Leadership Conference (Tucson, AZ)		
TBD	FFA - Summit Leadership Conference (Tucson, AZ)	17-18	HOSA - State Leadership Conference (Tucson, AZ)		
11	FFA - Summit Leadership Conference (Chandler, AZ)	TBD	FFA - State Leadership Camp (Heber, AZ)		
12	CTSO New Advisor Training (Phoenix, AZ)	2-3	FBLA - Middle Level State Leadership Conference (Tucson, AZ)		
12	FFA - Summit Leadership Conference (Goodyear, AZ)	2-4	FBLA - State Leadership Conference (Tucson, AZ)		
16	FFA - Summit Leadership Conference (Safford, AZ)	22-23	SkillsUSA - State Leadership & Skills Conference (Phoenix, AZ)		
18	FFA - Summit Leadership Conference (Cottonwood, AZ)	25-30	DECA - International Career Development Conference (ICDC) (Orlando, FL)		
20	FFA - Summit Leadership Conference (Yuma, AZ)				
19-25	SkillsUSA - Washington Leadership Training Institute (Washington, DC)				
23-25	FBLA - Leadership Camp (Williams, AZ)				
25-27	FCCLA - Chapter Leadership Camp (Williams, AZ)				
27-29	HOSA - Washington Leadership Academy (Washington, DC)				
9/28-10/2	DECA - Leadership at Lost Canyon (Williams, AZ)				
0CT TBD	FBLA - FBLA on Fire Leadership Conference with the Suns (Phoenix, AZ)				
1-2	SkillsUSA - Regional Officer Training (Phoenix, AZ)				
3	SkillsUSA - Fall Leadership Conference (Phoenix, AZ)				
7-8	HOSA - Leadership Camp (Williams, AZ)				
7	FFA - Summit Leadership Conference (Winslow, AZ)				
21-Oct	DECA - Fall Leadership Conference (Phoenix, AZ)				
Oct 23-26	FFA - National Convention (Indianapolis, IN)				
TBD	HOSA - Regional Online Testing (Online)				
5	HOSA - Fall Leadership Conference (Phoenix, AZ)				
5-8	SkillsUSA - Camp Champion Leadership Conference (Williams, AZ)				
6	FBLA - Fall Leadership Extravaganza (FLEX) (Phoenix, AZ)				
7	FCCLA - Fall Leadership Conference (Phoenix, AZ)				
7-8	DECA - Western Region Leadership Conference (Bellevue, WA)				
8	DECA - NASCAR DECA Day ( Phoenix, AZ)				
22	FBLA - Adviser Competitive Event Training (Phoenix, AZ)				
5	CTSO New Advisor Training (Phoenix, AZ)				



WELCOME!

# Cheryl Groat

Program Project Specialist  
for FFA and Agriscience



# New Advisor Trainings

Cost: **FREE**



Dates:

- Thursday August 1<sup>st</sup> 8:00am – 3:30pm – ADE North Campus
- Thursday September 12th 8:00am-3:30pm – ADE North Campus
- Thursday October 17th 8:00am-3:30pm – ADE North Campus
- Thursday December 5th 8:00am-3:30pm – ADE North Campus

Sign up: <https://azed.jotform.com/241056660623856>



# Advanced Advisor Training

Cost: **FREE**

Dates:

- Monday – Thursday December 9 – 12, 4:00pm – 6:00pm
- Virtual

Sign up: <https://azed.jotform.com/241484409846869>



# Advisor Leadership Conferences

**FBLA and SkillsUSA:** August 22<sup>nd</sup> – 23<sup>rd</sup> at Westin La Paloma

**DECA, FFLA, and HOSA:** August 29<sup>th</sup> – 30<sup>th</sup> at Westin La Paloma

PLEASE encourage your Advisors to sign up!

# Monthly Mailings

Each CTSO will deliver one monthly newsletter.

If you would like to receive the monthly newsletter:

<https://azed.jotform.com/241275786832870>



# Questions, Concerns, Comments

Julie Ellis

Email

[Julie.Ellis@azed.gov](mailto:Julie.Ellis@azed.gov)

Work

602-542-5350

Cell

520-465-3655

Thank you!

# Arizona CTE Curriculum Consortium

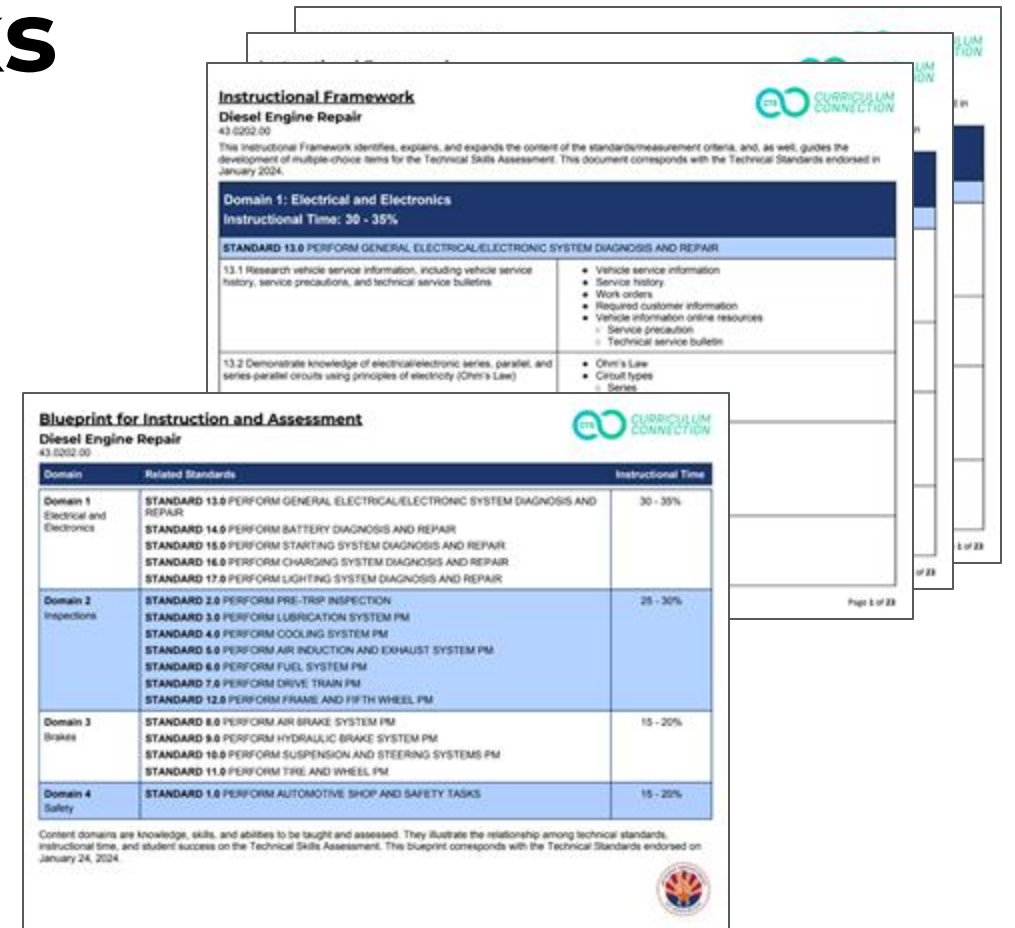
1. New Instructional Resources
2. Featured Resources Collection
3. Upcoming Opportunities



[cte.ctecaz.org](https://cte.ctecaz.org)

# 1. 23/24 New or Updated Blueprints and Instructional Frameworks

- Aircraft Mechanics
- Automotive Collision Repair
- Diesel Engine Repair
- Early Childhood Education
- Heating, Ventilation, and Air Conditioning
- Heavy Equipment Operations
- Network Security
- Software & App Design



The image displays two documents from the Arizona Department of Education. The top document is the 'Instructional Framework' for Diesel Engine Repair (43.0202.00), which identifies, explains, and expands on the content of the standards/assessment criteria. It includes a table for 'Domain 1: Electrical and Electronics' with an instructional time of 30-35%. The table lists two standards: 13.0 (Perform general electrical/electronic system diagnosis and repair) and 13.2 (Demonstrate knowledge of electrical/electronic series, parallel, and series-parallel circuits using principles of electricity (Ohm's Law)).

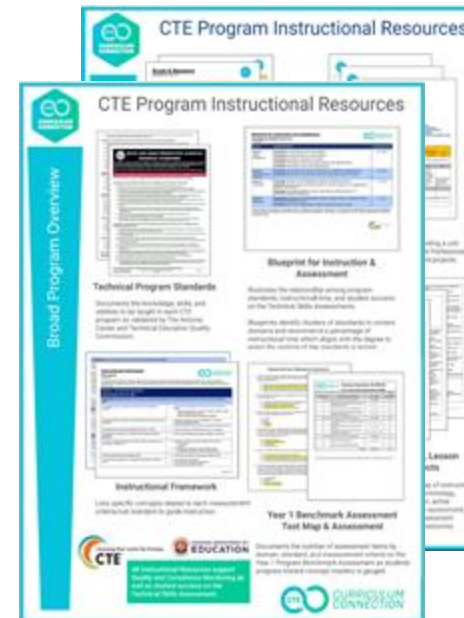
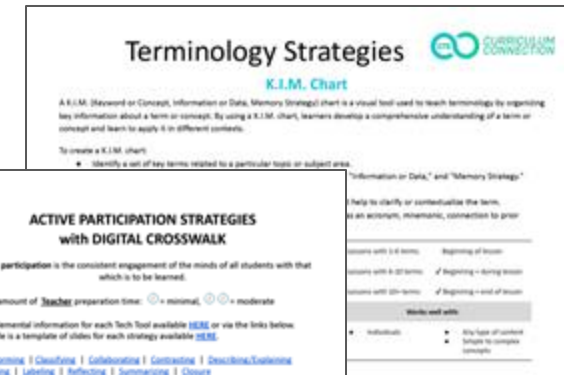
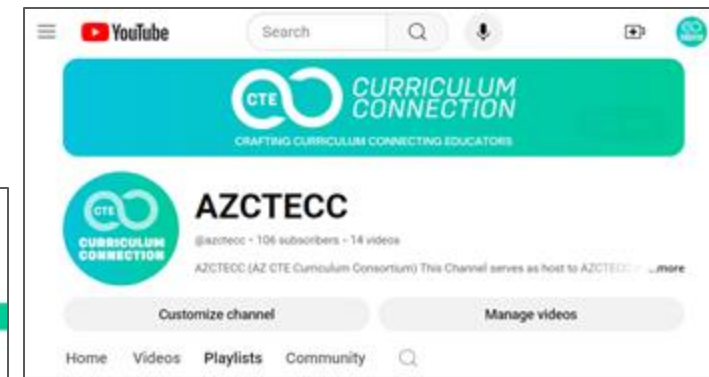
The bottom document is the 'Blueprint for Instruction and Assessment' for Diesel Engine Repair (43.0202.00). It provides a summary of the standards and their instructional times across four domains:

Domain	Related Standards	Instructional Time
Domain 1 Electrical and Electronics	STANDARD 13.0 PERFORM GENERAL ELECTRICAL/ELECTRONIC SYSTEM DIAGNOSIS AND REPAIR STANDARD 14.0 PERFORM BATTERY DIAGNOSIS AND REPAIR STANDARD 15.0 PERFORM STARTING SYSTEM DIAGNOSIS AND REPAIR STANDARD 16.0 PERFORM CHARGING SYSTEM DIAGNOSIS AND REPAIR STANDARD 17.0 PERFORM LIGHTING SYSTEM DIAGNOSIS AND REPAIR	30 - 35%
Domain 2 Inspections	STANDARD 2.0 PERFORM PRE-TRIP INSPECTION STANDARD 3.0 PERFORM LUBRICATION SYSTEM PM STANDARD 4.0 PERFORM COOLING SYSTEM PM STANDARD 5.0 PERFORM AIR INDUCTION AND EXHAUST SYSTEM PM STANDARD 6.0 PERFORM FUEL SYSTEM PM STANDARD 7.0 PERFORM DRIVE TRAIN PM STANDARD 12.0 PERFORM FRAME AND FIFTH WHEEL PM	25 - 30%
Domain 3 Brakes	STANDARD 8.0 PERFORM AIR BRAKE SYSTEM PM STANDARD 9.0 PERFORM HYDRAULIC BRAKE SYSTEM PM STANDARD 10.0 PERFORM SUSPENSION AND STEERING SYSTEMS PM STANDARD 11.0 PERFORM TIRE AND WHEEL PM	15 - 20%
Domain 4 Safety	STANDARD 1.0 PERFORM AUTOMOTIVE SHOP AND SAFETY TASKS	15 - 20%

Content domains are knowledge, skills, and abilities to be taught and assessed. They illustrate the relationship among technical standards, instructional time, and student success on the Technical Skills Assessment. This blueprint corresponds with the Technical Standards endorsed on January 24, 2024.

# 2. Featured Resources Collection

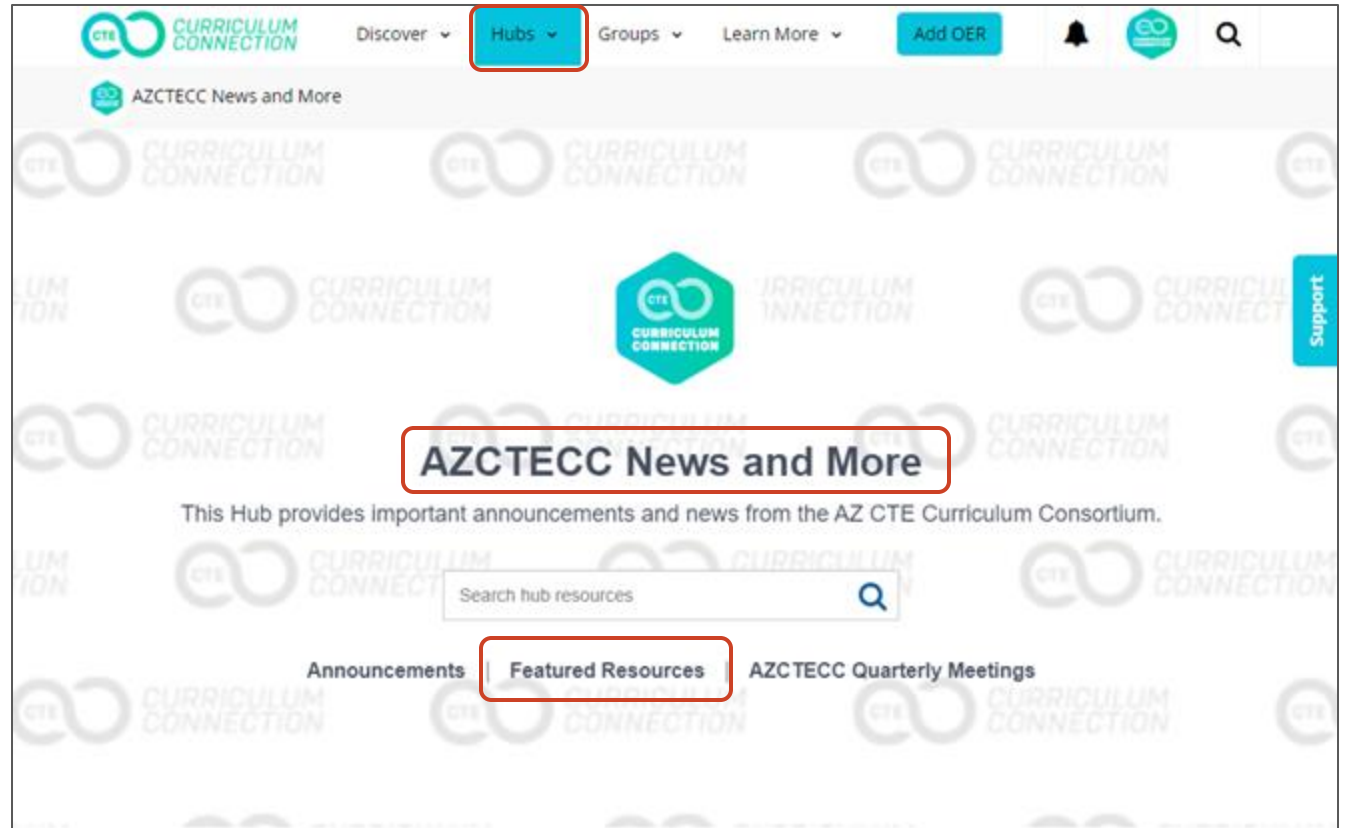
- CTE Curriculum Connection Quick Start Guide
- Instructional Resources Overview
- AZCTECC YouTube Channel
  - CTE Curriculum Connection quick tips video series
  - Instructional Resource videos
  - Program Specific playlists
- Instructional Strategies
  - Active Participation (including technology integrations)







# Featured Resources



\*if you don't see all 6 currently featured resources you're not logged in

# 3. Upcoming Opportunities for CTE Teachers

## Grant Funded

- Blueprint for Instruction and Assessment & Instructional Framework
- Instructional Terminology
- Benchmark Assessment

## Consortium Supported

- Scope & Sequence and Task Analysis
- CTE Content Expert
- CTE Teacher Curriculum Writer

More details and teacher nomination form coming soon.



# We're here to serve you!



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@AZ\_CTE\_CC



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COLLEGE OF SOCIAL & BEHAVIORAL SCIENCES

**Southwest Institute  
for Research on Women**

**PROJECT CHANGE**



WORKING TO INCREASE **GENDER  
NONTRADITIONAL ENROLLMENT** IN  
CAREER AND TECHNICAL EDUCATION  
PROGRAMS, AND TO PROMOTE **SAFE  
AND HEALTHY SCHOOLS**.





# SERVICES WE PROVIDE

- ▶ Presentations to students and educators at no cost.
- ▶ Educator presentations provide professional development hours.
- ▶ Presentations are provided in multiple formats:
  - ▶ In-person
  - ▶ Live Zoom
  - ▶ Pre-recorded video presentations

# Presentations We Offer

## **CTE 101**

(students and parents)

## **Gender, CTE, and Nontraditional Career Success**

(students and parents)

## **Stopping Sexual Harassment**

(students, educators & counselors)

## **Digital Citizenship & Cyberbullying**

(students, parents, educators & counselors)

## **Recruitment & Retention of Nontraditional Students**

(educators & counselors)

**SCAN ME** for  
Program Flyer &  
Contact





# THANK YOU

**Maya Salas**

**(520) 591-0257**

**[mayaisalas@arizona.edu](mailto:mayaisalas@arizona.edu)**



COLLEGE OF SOCIAL & BEHAVIORAL SCIENCES

**Southwest Institute  
for Research on Women**

The professional association building community, advocacy, and leadership for Arizona Career and Technical Education (CTE) Administrators



ACOVA



# MEET THE ACOVA BOARD



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Buckeye Union High School District




**Member at Large**  
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Glendale Union High School District

# ACOVA SESSIONS

**7/15**

 Coronado I


 10:00am



ACOVA  
CRITICAL  
ISSUES

**7/16**

 Coronado I

 10:00am



ACOVA  
BUSINESS  
MEETING



# M & M SESSIONS

9/18



EVIT



12:30



MINI M & M





# ANNUAL CONFERENCES



**Nov. 7-8**

 Prescott Resort



**ACOVA/ACTEAZ  
FALL  
CONFERENCE**

**Feb. 6-7**

 Prescott Resort



**ACTEAZ/ACOVA  
MID WINTER  
CONFERENCE**



**LEADERS** INSTILL IN THEIR PEOPLE A HOPE FOR  
SUCCESS AND A BELIEF IN THEMSELVES.  
POSITIVE LEADERS EMPOWER PEOPLE TO  
ACCOMPLISH THEIR GOALS.

-UNKNOWN





VISIT OUR WEBSITE AND  
FOLLOW US ON SOCIAL MEDIA



2024

# *The Power of Storytelling*

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Welcome





# *ACTEAZ Executive Director*

---

Pam Ferguson



# Your Voice

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# Premier Series

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Empower Educators: Unleash Proven Strategies for Maximum Impact

- Fall 2024 Schedule





# Growth & Networking

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- **NCLA Best Practices**  
October 9 – 11, 2025 | Portland, Oregon
- **ACTE Visions**  
December 4 – 7 | San Antonio, Texas
- **ACTE Region V** (50<sup>th</sup> Anniversary)  
May 1 – 3 | Las Vegas, Nevada
- **AZ CTE Summer Conf.**  
July 10 – 16 | Tucson, AZ





ACTE  
AZ



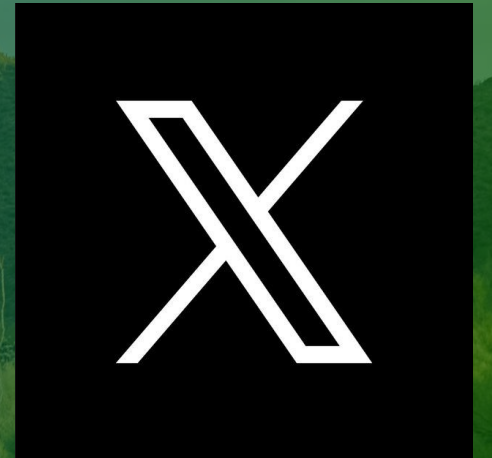
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[linkedin.com/company/acteaz](https://linkedin.com/company/acteaz)



[@acteaz](https://www.x.com/acteaz)



# THANK YOU

---

Stephen Weltsch

623.293.2529

[stephenweltsch@acteaz.org](mailto:stephenweltsch@acteaz.org)



Career and Technical  
Education

**Thank you all for the  
important work you do  
every day leading our  
teachers and students  
to be #1 in the Nation in  
Career and Technical  
Education.**

ACTEAZ Summer Conference  
July 2024