



# HIGHER EDUCATION APPROPRIATIONS SUBCOMMITTEE

24 January 2022

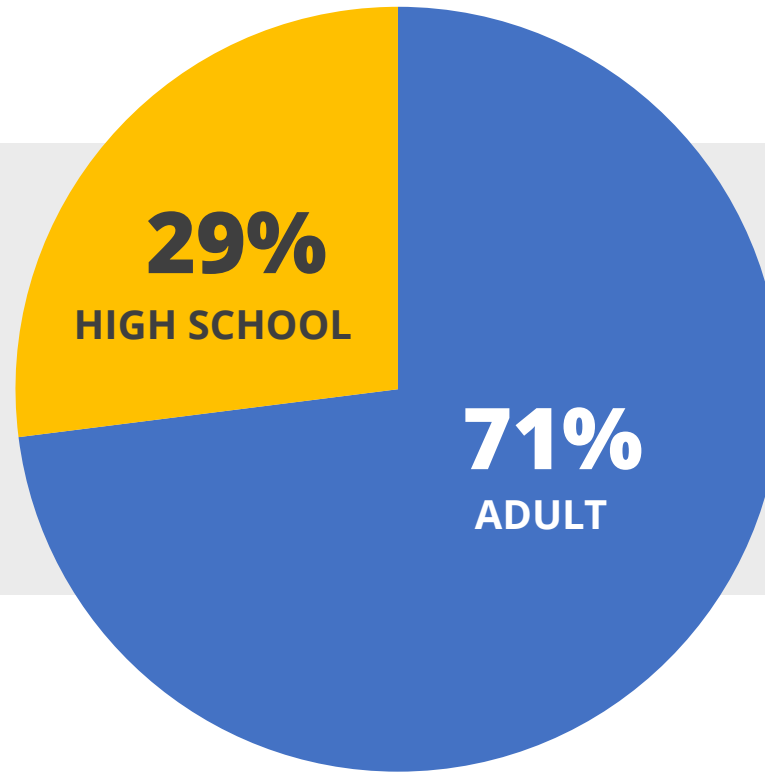


# OUR STUDENTS

FY 2021

**6,713**

Total Students



 **4.0%**

Headcount

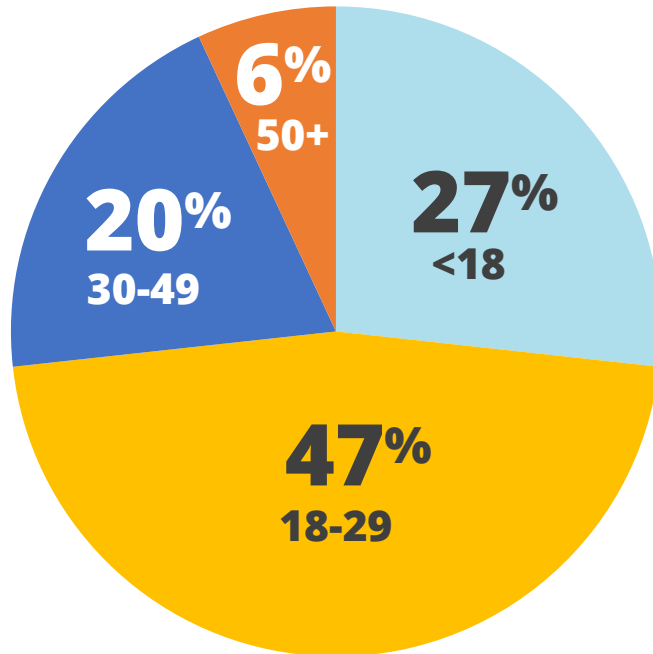


# OUR STUDENTS

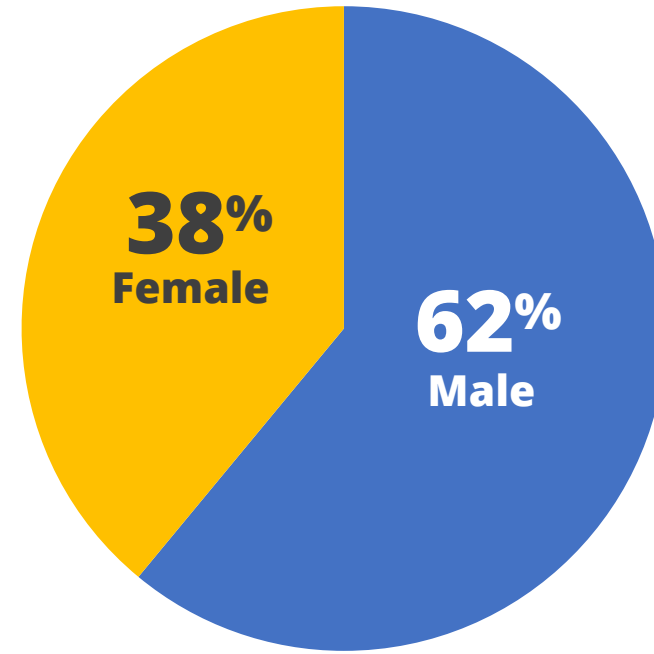
FY 2021

Average student age

**24** years



**AGE**



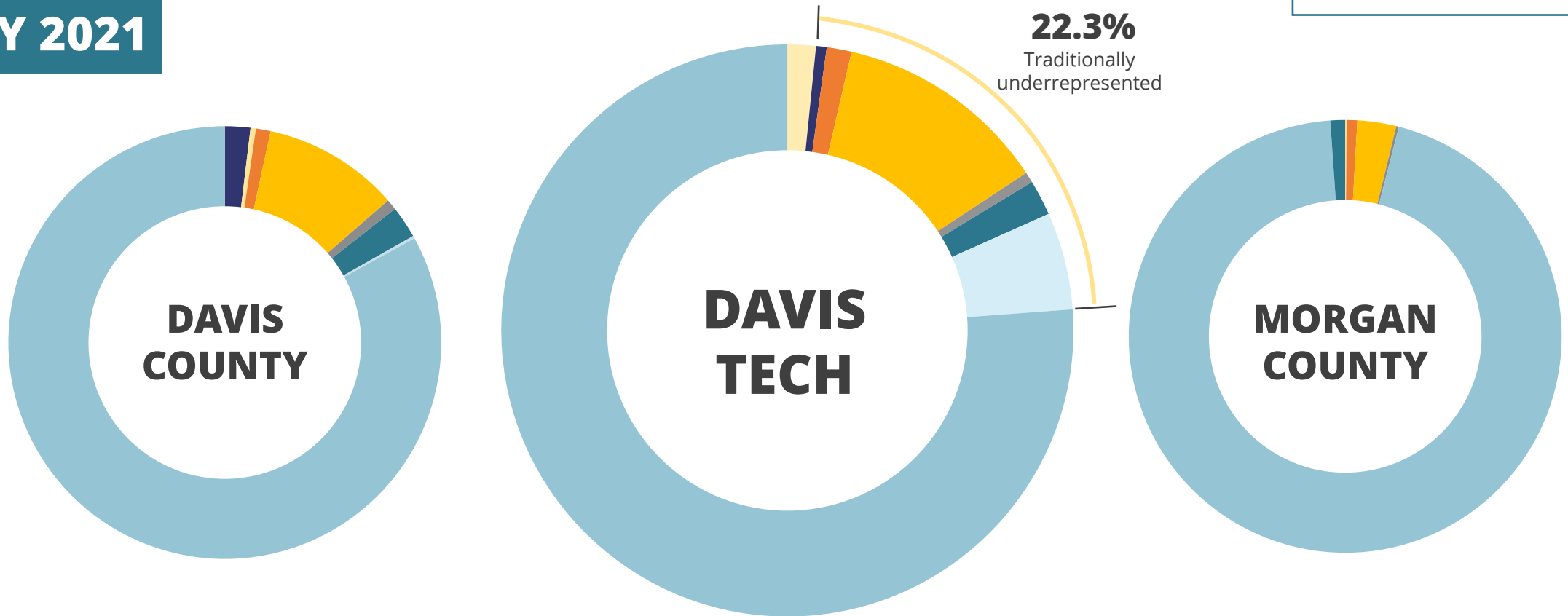
**GENDER**



# OUR STUDENTS

FY 2021

Students who are incarcerated:  
Adult: 154  
Juvenile: 4



- Asian (1.6%)
- American Indian or Alaska Native (0.6%)
- Black or African American (1.4%)

- Hispanic/Latino (12.1%)
- Native Hawaiian or Other Pacific Islander (0.6%)
- White (76.1%)

- Two or More Races (2.0%)
- Unspecified (5.5%)



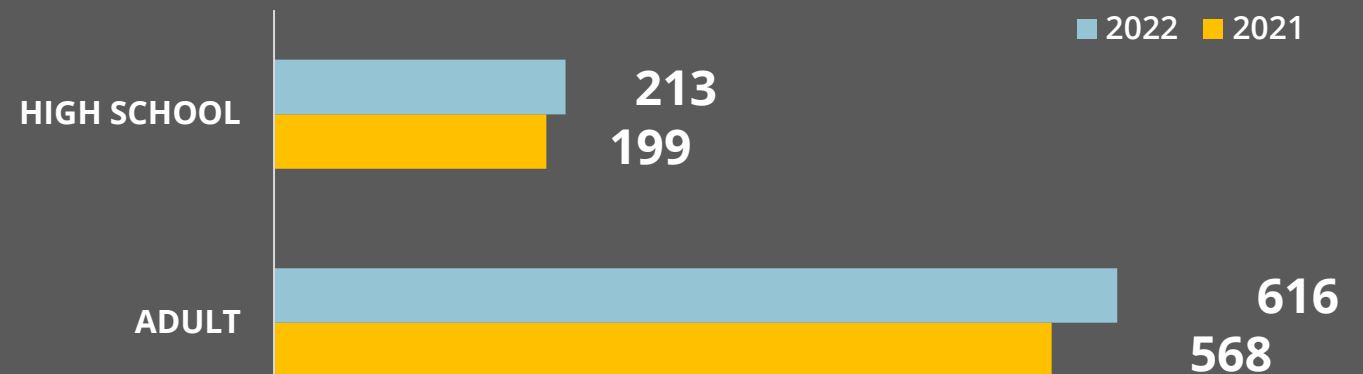


**RICKY ZAZUETA**  
Culinary Arts Program at  
Utah Department of Corrections

## ACCESS: INCREASING PARTICIPATION BY UNDERREPRESENTED STUDENTS

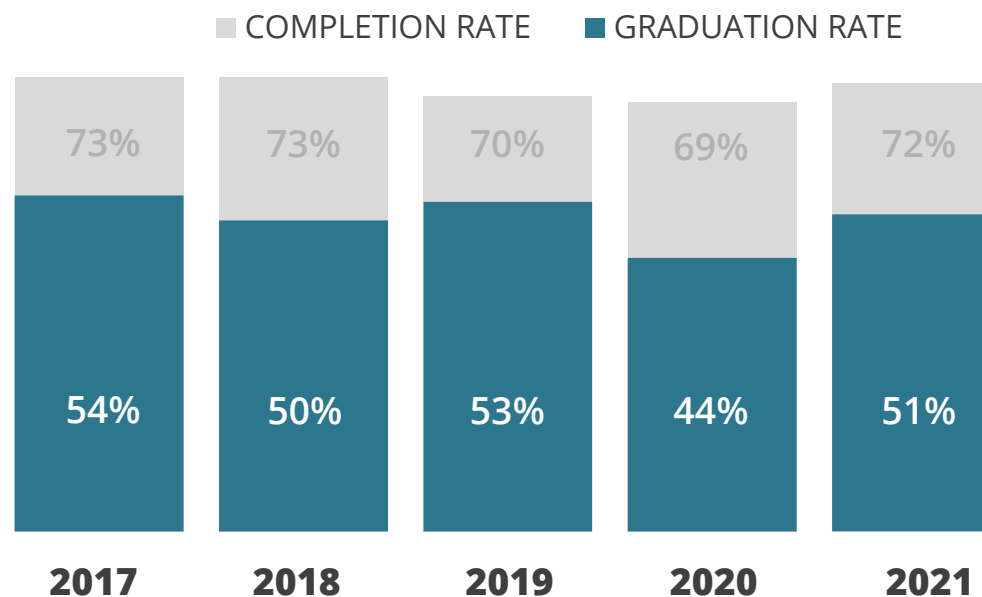
- Focusing on **equity, diversity, and inclusion**
- Directing **secondary student outreach**
- Engaging with **community-based** and **faith-based organizations**
- Building pathways with **Adult Education** and **ESOL** programs
- Hosting **Department of Workforce Services** and **Utah State Office of Rehabilitation** on campus
- **Eliminating barriers**
- **Focusing on student success**
- Expanding dedicated **scholarship** opportunities

### UNDERREPRESENTED ENROLLMENT YTD





## TIMELY COMPLETION: INCREASING GRADUATION RATES

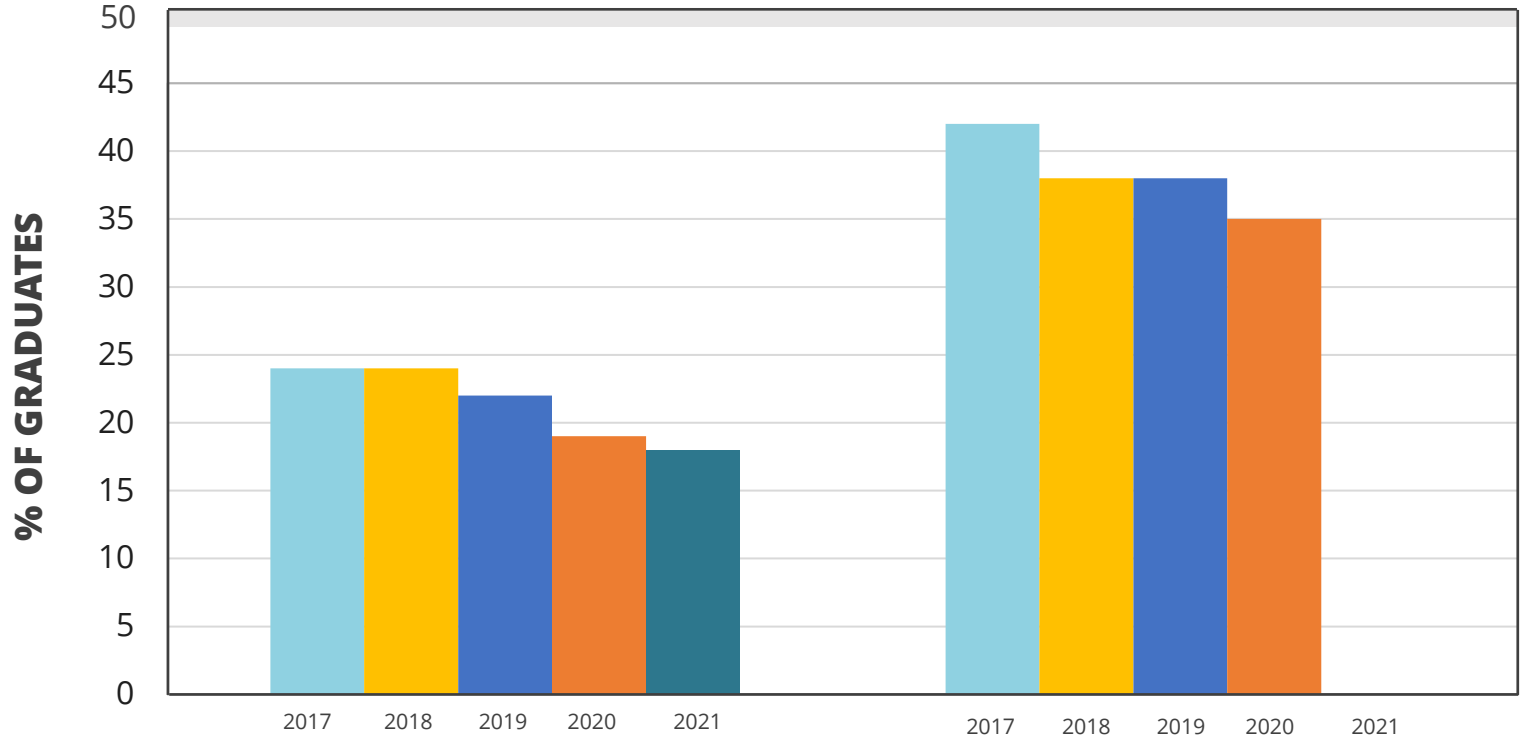


### STRATEGIES TO INCREASE GRADUATION

- New student information and **early warning systems**
- **Continuous evaluation** of program stop-out points
- USHE-led program **alignment**
- New **Student Resource Center** with dedicated staff to aid in retention through intervention and service referrals
- **On-site mental health counseling**



# SECONDARY STUDENT GRADUATION



**EARNED CERTIFICATE BEFORE GRADUATION**

**EARNED CERTIFICATE WITHIN ONE YEAR OF GRADUATION**



# SECONDARY

**ACCESS, TIMELY COMPLETION,  
AND HIGH YIELD AWARDS**



## SUCCESSSES

- Remained **open and accessible** when high schools were online
- Established **scholarships** specific to high school students
- Offering **six programs in eight high schools**
- Sponsoring **Career Path High** on campus
- Early partnership with new Davis School District **Catalyst Center**
- Placing **transition specialists** at DSD Teen Centers to work with students facing housing insecurity

## CHALLENGES

- **Unable to recruit** in the high schools during pandemic
- **Communicating the value proposition** of technical education
- **Converting students** who are interested in CTE **into technical education certificate seekers**
- A **white-hot labor market**

## IMPACT

- **Increase all graduates of high yield programs by 8%** over next five years
- **Increase underrepresented graduates by 10%**





FY 2021

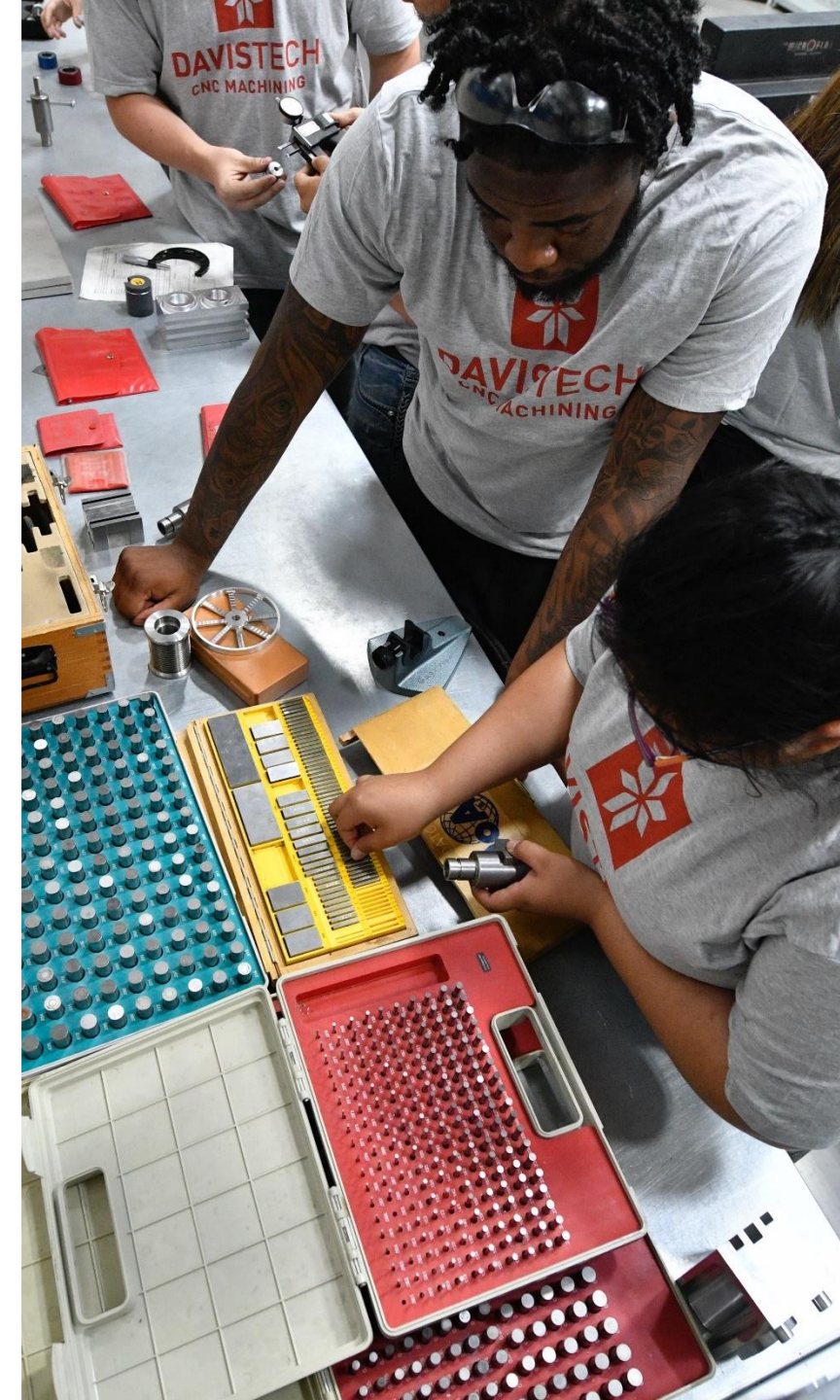
# CERTIFICATES AWARDED

## CERTIFICATES BY PROGRAM LENGTH

<600 Hours	600-899 Hours	900+ Hours	Total
653	264	522	1,439

## CERTIFICATES BY HIGH YIELD FIELDS

<600 Hours	600-899 Hours	900+ Hours	Total
7	116	380	503



# 2 MONTHS

Average time for students to earn back their cost of training

# \$3,752

Average Program Cost

Cost includes tuition, books, materials, and fees.

## AVERAGE WAGE INCREASE

Annual increase in wages from before training to after graduation

	WAGE INCREASE*	% INCREASE
900+ Hour Program	\$10,374	85%
< 900 Hour Program	\$5,787	44%

\*Source: Utah Department of Workforce Services

**FY 2021 Cumulative Student ROI** ▶ **\$5,601,880**  
(Increased wages less student-paid cost of training)



# EMPHASIS AND ALIGNMENT WITHIN REGIONAL WORKFORCE NEEDS

FY 2021

HIGH IMPACT PROGRAMS	Projected Annual State Openings
Architectural and Engineering Design	290
Automation and Robotics	440
Automotive Technology	1,010
Building Construction Technology (NEW)	1,860
Business Administrative Services	2,430
CNC Machining	500
Culinary Arts	2,130
Cybersecurity	430
Diesel/Heavy Duty Technology	350
Electrician Apprentice	1,930
Heating and Air Conditioning	540
Information Technology	1,030
Manufacturing Technology	150
Medical Office Administration	150
Plumbing Apprentice	910
Practical Nurse	220
Software Development	1,340
Surgical Technology	150
Web and Graphic Design	230
Welding Technology	730

Source: Utah Department of Workforce Services





## CHALLENGES FACING TECHNICAL COLLEGES/TECHNICAL EDUCATION

- Painfully **low unemployment**
- Faculty and staff **retention**
- Adequate **student support** including mental health
- **Student stop-outs** due to health, time management, and family hardships
- Stronger **EDI** efforts
- Campus **safety and security**
- Campus **renovation/program expansion**
- Legacy student **information and communication systems**
- Reaching **junior high school** students



# GROWTH AND CAPACITY REQUEST

Recommended Total Appropriations: **\$1,136,500**

Priority	Initiatives	Total
1	Health Technology Programs Expansion	\$419,600
2	Plumbing Apprenticeship Program Expansion	\$210,000
3	Electrician Apprenticeship Program Expansion	\$210,000
4	Licensed Clinical Social Worker/Student Advisor	\$116,000
5	Safety and Risk Management	\$120,000
6	Police Contract with Kaysville City	\$150,000
7	IT Related Programs Expansion	\$185,700
8	Equity, Diversity, and Inclusion Coordinator	\$105,000
9	IT Security Hardware and Software	\$100,000
10	Student Information System Support Technician	\$120,500
11	Welding Technology Program Expansion	\$140,000
12	Curriculum Developer	\$111,200

**FY 2023**





# INSTITUTIONAL EFFICIENCIES

- **No tuition increase** for five years
- **Funded first phase** of planned campus renovations from institutional funds
- **Expanded adjunct faculty and information technology** budgets with federal stimulus funds
- **Eliminated Coordinator** and **Administrative Assistant** positions
- **Added Grants Coordinator** position funded by administrative cost allowance on grants
- **Added Equity, Diversity, and Inclusion** responsibilities to ADA Specialist/Student Advisor
- **Established Risk Management Committee** to review and address institutional risks





# COVID-19 IMPACTS

- **Reduced physical capacity and forced online adaptation** in most programs, which affected enrollment and **slowed student progress**
- **Reduced clinical and externship** access
- **Limited access for students who are incarcerated**
- **Hampered** secondary student **outreach**
- Caused student and faculty **anxiety and fatigue**
- Forced some key industries to **limit hiring**



## STUDENTS DOING WELL

- **Highly supported** (stable housing, transportation, food, childcare, etc.)
- **Apprenticeship**
- **Practical Nurse**

## STUDENTS STRUGGLING

- **Underrepresented and economically disadvantaged**
  - Higher withdrawal rate
  - Lower graduation rate
  - Lower job placement rate
- **Nurse Assistant**
- **Those who never enroll**

## SUPPORT FOR STRUGGLING STUDENTS:

- **New Student Resource Center** with dedicated staff to aid in retention through intervention and service referrals
- **Department of Workforce Services and Utah State Office of Rehabilitation on campus**
- **Academic Development**
- **Transition specialists** for students with housing insecurity



# EDUCATIONAL PATHWAYS

FY 2021

1,281

Davis Tech students who enrolled in other Utah higher education institutions:

Davis Tech students who graduated from Weber State University:

- 129 students earned Associate Degrees
- 112 students earned Bachelor's Degrees



853



78



79



54



30

OTHER INSTITUTIONS

187



# DAVIS AND MORGAN SCHOOL DISTRICTS ALIGNMENT

- Course-to-course **articulation**
- Upfront recognition and **credit for prior learning**
- Piloting **pathways** with the new Davis School District **Catalyst Center**
- **Davis-Morgan-Weber K-16 Education Alliance**



# WATER CONSERVATION EFFORTS AND PLANS

**31%**  
Irrigation  
Water Reduction

- Replaced irrigation systems and controls to high-efficiency systems that limit watering frequency and duration, and that track savings
- Installed metering devices on domestic water supplies to benchmark and better manage consumption
- Began transition to xeriscaping



THANK YOU



**DAVISTECH**  
DAVIS TECHNICAL COLLEGE



**HILARY BOYD**  
CYBERSECURITY