

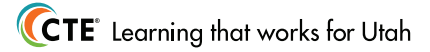
# Career and Technical Education

## Academy for Math, Engineering & Science

Wasatch Front South Region

## 2022-2023 AT-A-GLANCE

Career and Technical Education provides all students access to high-quality, rigorous career-focused programs that result in attainment of credentials with labor market value.



# 335

Students enrolled in CTE courses

# 93.3%

Graduation rate for students who are CTE **concentrators**

# 100%

Graduation rate for students who are CTE **completers**



Compared to the AMES graduation rate of

# 93.5%

# 93.3%

of CTE concentrators graduate in 4 years.

Asian	100%
Economically Disadvantaged	100%
Students with Disabilities	100%
Caucasian	91.6%
Black	0%
Hispanic	0%
Homelessness	0%
Native American	0%
Pacific Islander	0%

# 25.4%

of students **concentrated** in a CTE Career Pathway. A **concentrator** is a student who has completed specific requirements in a single CTE program of study.

# 18.1%

of students **completed** a CTE Career Pathway. A **completer** is a student who has completed specific course requirements and earned 3.0 credits in a single CTE program of study.

# 66.4%

of students in the **Wasatch Front South Region** who concentrated in a CTE Pathway placed in postsecondary education, military service, or employment, within six months after graduation.

(October 1-December 31, 2021-2022)



## CREDENTIALS OF VALUE

CTE Competency Certificates earned

PORTABLE.  
STACKABLE.  
TRANSFERABLE.  
DRIVEN BY EMPLOYERS.



# 55\*

### TOP CERTIFICATIONS

Exploring Computer Science 1  
Teaching as a Profession 1  
Robotics 1  
Gaming Development Fundamentals  
Information Technology, Intro  
Robotics 2



\* Utah skill certifications, business, trade association, or other industry group

## Top Pathways

Students completing a CTE Career Pathway are recognized by the state of Utah and their high school by receiving a CTE Secondary Pathway Completer Recognition Award.

### CTE Career Pathways with the Highest Completer Rates

- Engineering
- Graphic Design and Communication
- Automotive
- K-12: Teaching as a Profession
- Programming and Software Development
- Food Science, Dietetics and Nutrition

## WORKPLACE and COLLEGE READINESS

9th–12th grade CTE concentrators who earned credit, at “C” grade or better, in (CE, or IB, or AP) OR who passed skill certification/third-party industry exams.

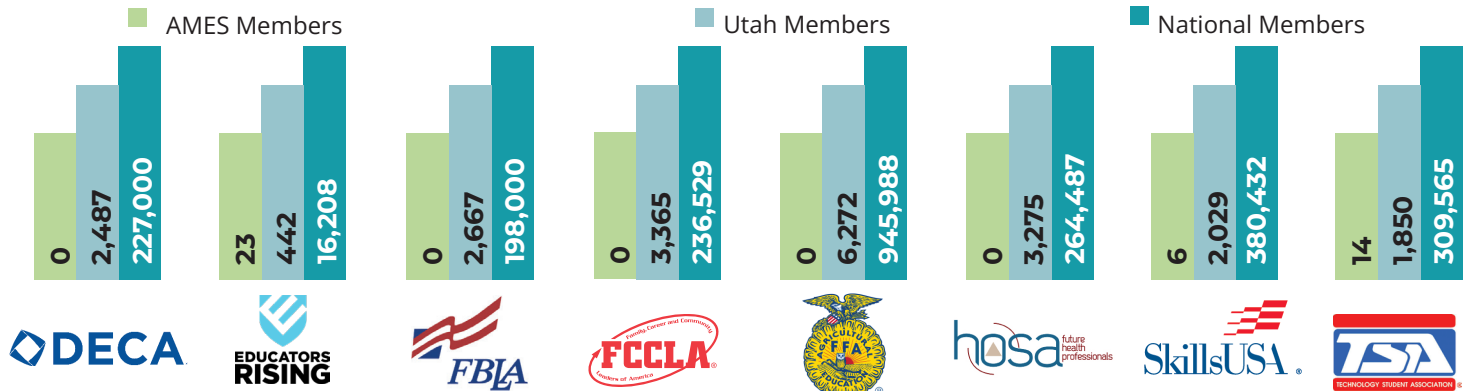


# 69.7%



# 43

students are members of a Career and Technical Student Organization (CTSO).



Students who participate in school organizations in 10th grade have higher grade point averages and are more likely to be enrolled in college at 21 years of age than other students (ctsos.org).

# 16,014

students in the Wasatch Front South Region participated in

## College & Career Awareness

College and Career Awareness is a middle school course designed to increase awareness of college and career pathways. Students explore high school, college, and career options based on individual **interests**, **abilities**, and **skills**. Students investigate high-skill and/or in-demand jobs in the Utah labor market, while developing workplace skills.

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

# 42

CTE Concurrent Enrollment (CE) credits earned

Students have opportunities to earn CE credits in CTE courses. CE provides prepared high school students with a challenging and rigorous college-level experience. Students in the program receive both college and high school credit.

