

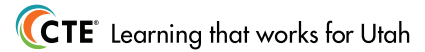
Career and Technical Education

Academy for Math, Engineering & Science

Wasatch Front South Region

2024-2025 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.



281

Students enrolled in CTE courses

96.2%

graduation rate for students who are CTE concentrators

95.5%

graduation rate for students who are CTE completers



Compared to the AMES graduation rate of

89.1%

65.4%

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.

25.6%

of students completed a CTE Career Pathway by the end of the 12th grade.

96.2%

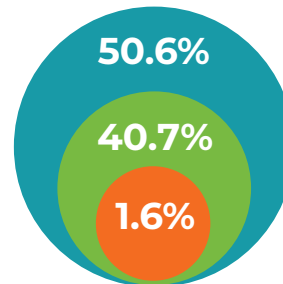
of CTE concentrators graduate in 4 years.

Caucasian	100%
Hispanic	100%
Economically Disadvantaged	93.5%
Asian	90.9%
Native American	66.6%
Black	0%
Homelessness	0%
Pacific Islander	0%
Students with Disabilities	0%

69.6%*

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, 2023-2024)



Postsecondary Education
Employment
Military Service

* Reported by a follow-up survey from students.

CREDENTIALS OF VALUE

EARNED

172*

TOP CERTIFICATIONS

- Exploring Computer Science
- Information Technology, Introduction
- Robotics 1
- Computer Systems 1
- Game Development Fundamentals
- Computer Programming 2, Python
- Electronics 1



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

PORTABLE.
STACKABLE.
TRANSFERABLE.
DRIVEN BY EMPLOYERS.



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

- Programming and Software Development
- Engineering
- Information Technology Systems
- Finance
- Business

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 in the Wasatch Front South Region.

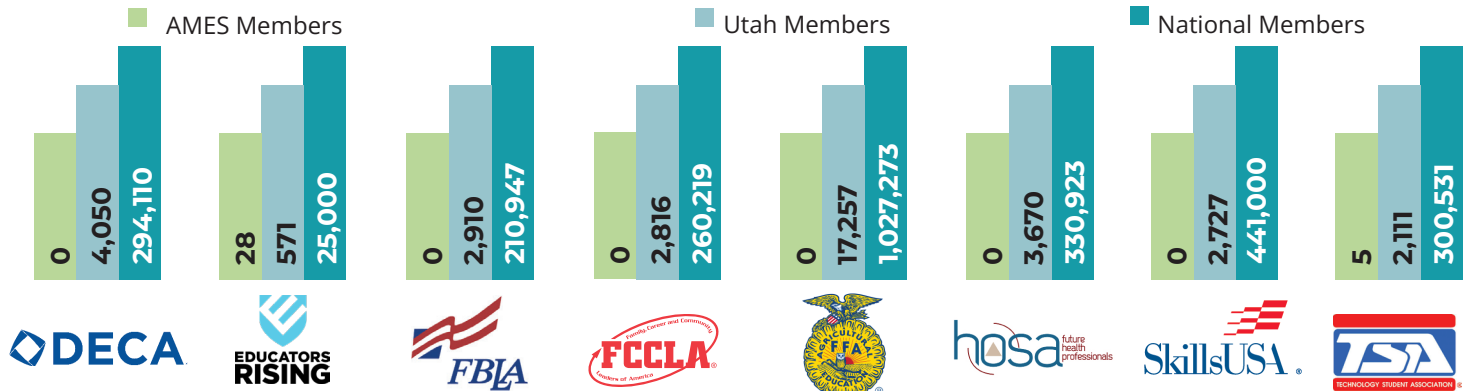


73%



33

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).

17,056

students in the Wasatch Front South Region participated in

College & Career Awareness

College and Career Awareness is a middle school course, for grades 7-8, 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.

36,901

CTE Concurrent Enrollment (CE) credits earned by students in the Wasatch Front South Region

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.

