

Career and Technical Education

Academy for Math, Engineering & Science (AMES)

2018-2019 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.

Data Represents Secondary Education
Source of Data: Utah State Board of Education

364

Students enrolled in CTE courses

100%

Graduation rate for students who are CTE concentrators.

Compared to AMES' graduation rate of

95%



32%

of students **concentrated** in a CTE Career Pathway. A **concentrator** is a student who has completed **1.5 credits** in a single CTE program of study.

17%

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



68.7%

of students statewide who concentrated in a CTE Pathway placed in postsecondary education, advanced training, military service, or employment.

(October 1-December 31, 2017-2018)



12

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.

90

students statewide received a CTE Scholarship and Tuition Award to a Utah public college or university.

Statewide, 258 high school seniors applied for a CTE Scholarship and Tuition Award, with 90 applicants receiving a college scholarship. Scholarships are for up to one year's tuition.



47,551

students statewide 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.

Academy for Math, Engineering & Science (AMES)

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

- Robotics & Electronics
- Office/Admin. Support & Technical Support
- Programming/Software Development
- Service Technician
- Pre-K: Early Childhood Education
- Culinary Arts
- Family & Human Services

117



Work-Based Learning

students participated in WBL activities, including internships, apprenticeships, and workplace readiness training.

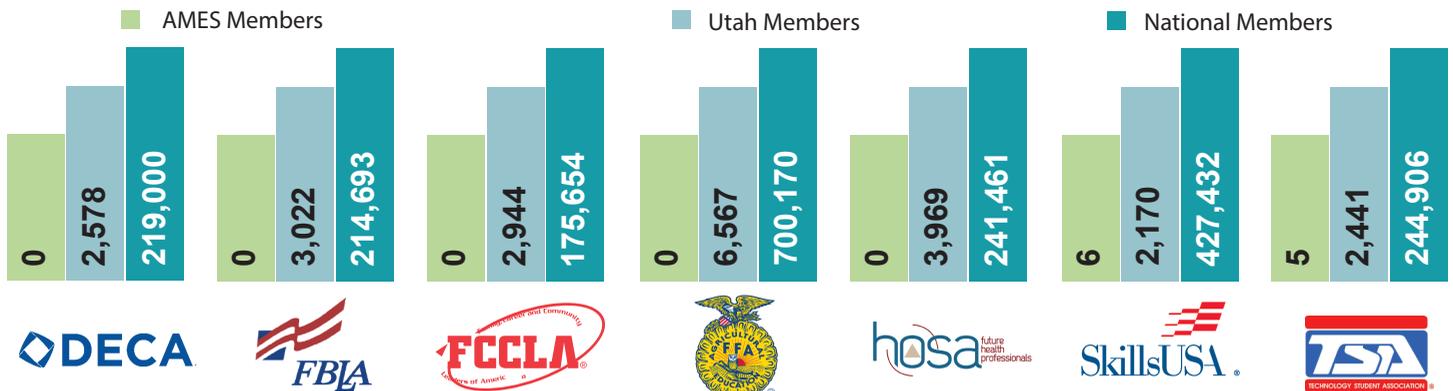
WBL provides opportunities for students to learn a variety of skills through **rigorous academic preparation** with **hands-on career development experiences**.



Career and Technical Student Organizations

11

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).

CREDENTIALS OF VALUE

PORTABLE. STACKABLE. TRANSFERABLE. THIRD-PARTY. DRIVEN BY EMPLOYERS.

182

CTE Skill Certifications awarded



Skill Certifications are aligned with standards and objectives set by the state of Utah. Certifications are awarded based on students' knowledge and performance.

16,580

Third-Party* certifications earned statewide

TOP CERTIFICATIONS:

- Microsoft Office Word 2016
- Microsoft Office PowerPoint 2016
- Microsoft Office Excel 2016
- Nurse Assistant (CNA)
- Emergency Medical Services, Intro



* business, trade association, or other industry group

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