

Career and Technical Education

Academy for Math, Engineering & Science (AMES)

2017-2018 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

358

Students enrolled in CTE courses

100%*

Graduation rate for students who are CTE concentrators.

Compared to AMES' graduation rate of

97%**

* SY 2017-2018
** SY 2016-2017



56%

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.

7%

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.



32,234

CTE Concurrent Enrollment (CE) credits earned statewide

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

(October 1-December 31, 2016-2017)



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.

105

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

Statewide, 277 high school seniors applied for a CTE Scholarship and Tuition Award, with 105 applicants receiving a college scholarship. Scholarships are for up to one year's tuition.



College means additional training beyond high school to obtain a **one-year certificate**, a **two-year associate or technical degree**, a **four-year bachelor's degree**, or more (a graduate or professional degree).



60%

of new jobs will require more than a high school diploma by the year 2020 (New Skills for Youth Grant).

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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

- Graphics/Printing
- Electronics
- Pre-K: Early Childhood Education
- Programming/Software Development
- Robotics



2,718

Work-Based Learning

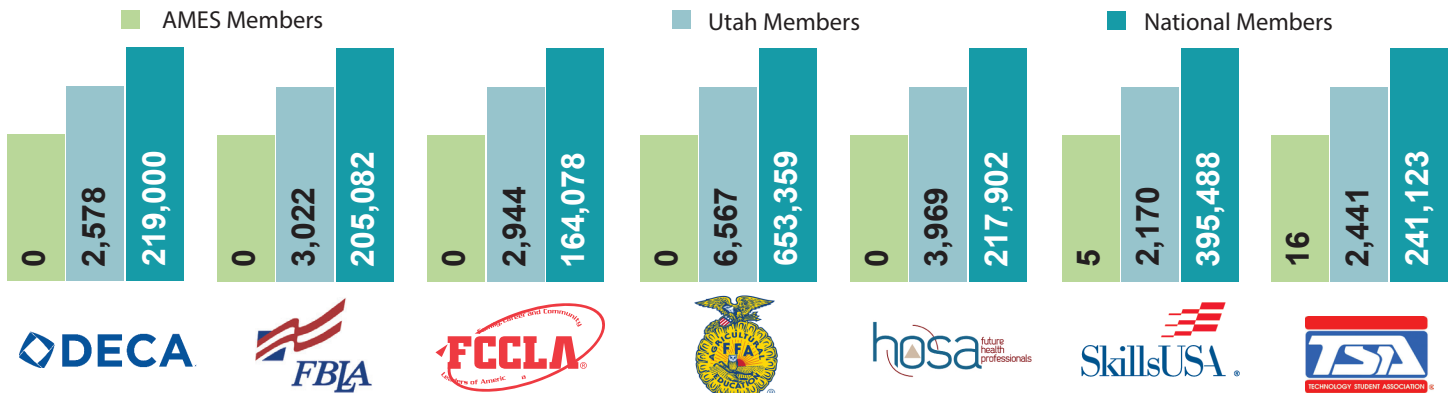
students statewide completed a Work-Based Learning CTE Internship.

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



21

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.

141

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.

19,189

Third-Party* certifications earned statewide

TOP CERTIFICATIONS:

- MOS Word or Word Expert
- MOS PowerPoint
- MOS Excel or Excel Expert
- Emergency Medical Responder
- Nurse Assistant (CNA)



* business, trade association, or other industry group