# Academy for Math, Engineering & Science

**2020-2021 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.

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**Wasatch Front South Region**

**361**

Students enrolled in CTE courses

**100%**

Graduation rate for students who are CTE concentrators

Compared to the AMES graduation rate of **98%**

**17%** *

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.

**5%** *

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.

* Perkins V strengthens the requirements for a student to become a concentrator and completer. Percentages have decreased over prior years as a result of the new Perkins V definitions.

**100%**

of CTE concentrators graduate in 4 years.

- Asian: 100%
- Black: 100%
- Caucasian: 100%
- Hispanic: 100%
- Students from low-income families: 100%
- Students w/ disabilities: 100%
- Native American: 0%
- Pacific Islander: 0%

**48.7%**

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

(October 1-December 31, 2019-2020)

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**CREDENTIALS OF VALUE**

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

**63** **

CTE Skill Certifications earned

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

**2,371** **

Third-Party*** certifications earned regionwide

**TOP CERTIFICATIONS:**
- MOS Word or Word Expert
- MOS PowerPoint
- MOS Excel or Excel Expert
- Food Handlers Permit
- MTA: Programming w/ HTML and CSS, Intro
- MTA: Programming w/ Java, Intro

*** business, trade association, or other industry group.

** COVID-19 impacted certifications earned
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
- Information Technology Systems
- Engineering
- Programming & Software Development
- Food Science, Dietetics & Nutrition
- Health Science
- Business Information Management
- K-12: Teaching as a Profession

125 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

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

12,891 students regionwide participated in College and 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.

CTE Concurrent Enrollment (CE) credits earned

12 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.

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