

Career and Technical Education


NUAMES

(Northern Utah Academy for Math, Engineering and Science)

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.

Wasatch Front North Region

 CTE Learning that works for Utah

1,086

Students enrolled in CTE courses

99.5%

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

100%

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

Compared to the NUAMES graduation rate of

98%



99.4%

of CTE concentrators graduate in 4 years.

Asian	100%
Black	100%
Economically Disadvantaged	100%
Hispanic	100%
Caucasian	99.2%
Students with Disabilities	85.7%
Homelessness	0%
Native American	0%
Pacific Islander	0%

73.1%

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.

19.1%

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.

87.3%

of students in the **Wasatch Front North 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.



746*

TOP CERTIFICATIONS

CAD Architectural Design 1
CAD Mechanical Design 2
Electronics 2
Electronics 1
Robotics 1
CAD Architectural Design 3



* 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

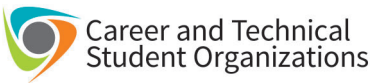
- Engineering
- Mechanical Design (CAD)
- Architectural Design (CAD)
- Programming and Software Development
- Health Science
- Accounting and Finance
- Graphic Design and Communication
- Web Development
- Cybersecurity

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.

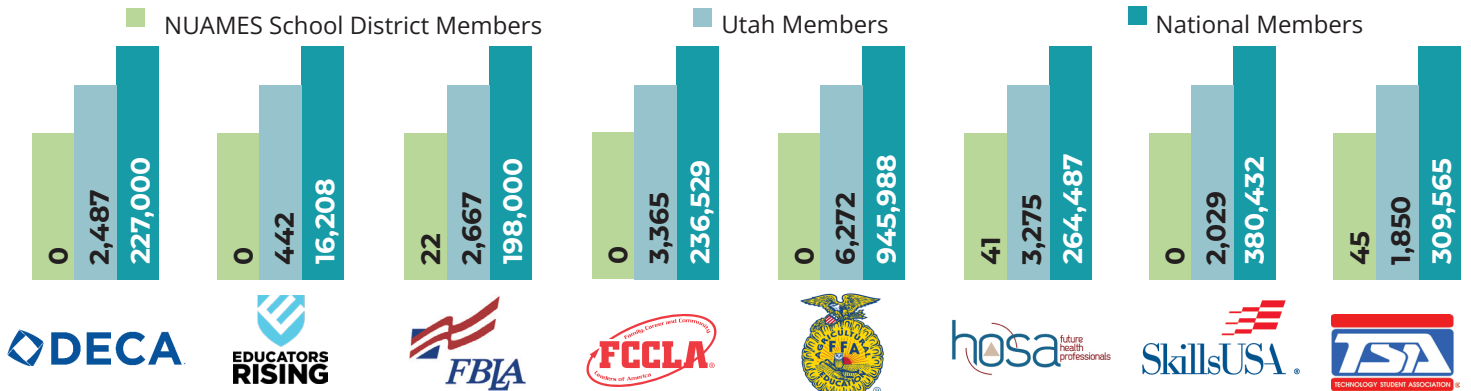


100%



108

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).

9,896 students in the Wasatch Front North 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.

5,562

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.

