

Career and Technical Education

NUAMES

Northern Utah Academy for Math, Engineering and Science

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

614

Students enrolled in CTE courses

97.6%*

Graduation rate for students who are CTE concentrators.



Compared to Utah's statewide graduation rate of

86%**

* SY 2017-2018
** SY 2016-2017

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.

3%

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.



2,260

CTE Concurrent Enrollment (CE) credits earned

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.

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).

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

105

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 24 or more

60%

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

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 Pathway with the Highest Completer Rate
Robotics

2,718



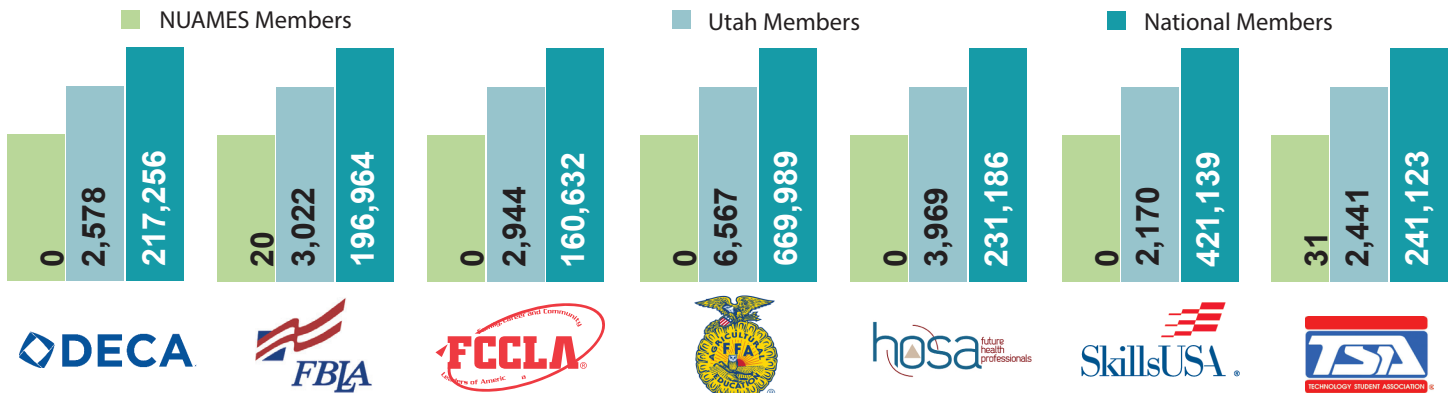
students statewide completed a Work-Based Learning CTE Internship.

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



51

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.

199

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