Career and Technical Education

Utah County Academy of Science (UCAS)

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.

Mountainland Region

494 Students enrolled in CTE courses

100% Graduation rate for students who are CTE concentrators

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.

3% * 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.

56.5% of students who concentrated in a CTE Pathway placed in postsecondary education, advanced training, military service, or employment.

(October 1-December 31, 2019-2020)

CREDENTIALS OF VALUE
PORTABLE. STACKABLE. TRANSFERABLE. THIRD-PARTY. DRIVEN BY EMPLOYERS.

112** 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.

1,675** Third-Party*** certifications earned regionwide

TOP CERTIFICATIONS:
- MOS PowerPoint
- MOS Word or Word Expert
- Emergency Medical Responder
- MOS Excel or Excel Expert
- Food Handlers Permit
- MTA: Programming w/ Python, Intro

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

** COVID-19 impacted certifications earned
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**
- Programming & Software Development
- Engineering
- Business Administration
- Business Information Management
- K-12: Teaching as a Profession
- Broadcasting & Digital Media
- Graphic Design & Communication

**1,110** students regionwide 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**

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

<table>
<thead>
<tr>
<th></th>
<th>UCAS Members</th>
<th>Utah Members</th>
<th>National Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>DECA</td>
<td>1,283</td>
<td>152,000</td>
<td></td>
</tr>
<tr>
<td>Educators Rising</td>
<td>0</td>
<td>1,955</td>
<td></td>
</tr>
<tr>
<td>FCCLA</td>
<td>5,563</td>
<td>2,014</td>
<td></td>
</tr>
<tr>
<td>SkillsUSA</td>
<td>1,910</td>
<td>6,750,038</td>
<td>293,804</td>
</tr>
<tr>
<td>TSA</td>
<td>0</td>
<td>2,031</td>
<td>10,108</td>
</tr>
</tbody>
</table>

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 (ctsoc.org).

**12,064** 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.

**957** 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.