Utah Career and Technical Education Career Pathway

2019-2020 School Year

CTE Learning that works for Utah

CareerClusters® PATHWAYS TO COLLEGE & CAREER READINESS
Transportation, Distribution & Logistics

CTSO Information

Career and Technical Student Organizations (CTSO) align with the national Career Clusters® and the Utah CTE Career Pathways.

SkillsUSA is the CTSO for students in the Aviation Career Pathway. SkillsUSA provides quality education experiences for students in leadership, teamwork, citizenship, and character development.

Workforce Trends

Rising population and income will drive demand for airline travel and the need for commercial aviation workers. Those who have attended college for at least 2 years and have experience dealing with the public should have the best prospects.

Career Cluster: Transportation, Distribution & Logistics

Career Pathway: Aviation

CORE CODE	FOUNDATION COURSES (required)	CREDITS	
40.11.00.00.040	Private Pilot *	.50	.50 credit
	ELECTIVE COURSES		
40.11.00.00.042	Aircraft Systems *	.50	2.50 credits
40.11.00.00.046	Air Transportation *	.50	
40.11.00.00.044	Aviation History *	.50	
38.01.00.00.021	Electronics 1 *	.50	
40.11.00.00.048	Flight Simulator *	.50	
08.04.00.00.050	Meteorology *	.50	
41.00.00.00.050	CTE Internship	.50	
41.00.00.00.030	Workplace Skills	.50	
		3.00 credits for completion	

* Course can be taken up to 1.00 credit.

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.

Aviation is:

> High-skill
> High-wage
> In-demand

Sample Occupations Requiring:

High School Diploma
> Aircraft Structure, Surfaces, Rigging, and System Assembler
> Commercial Pilot

Certificate
> Aircraft Mechanic
> Aircraft Service Technician

Assoc. or Technical Degree
> Air Traffic Controller

Baccalaureate Degree
> Aircraft Co-pilot
> Aircraft Pilot
> Career and Technical Education Teacher
> Flight Engineer

Graduate or Prof. Degree
> Aviation Manager

Student Testimonial

"I plan to become a certified flight instructor and use that [credential] in order to build up my hours until I can get a job with a local airline. I learned everything I know about planes from Private Pilot Ground School [through CTE]. I even passed my written test from the information that I learn from that class."

Braden Ottley

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING

There are a number of options for education and training beyond high school, depending on your career goals.

12th Grade	1-Year Certificate	2-Year Associate or Technical Degree	4-Year Bachelor's Degree	More Graduate or Prof. Degree
	Certificates are awarded upon the successful completion of a brief course of study, usually one year or less. Upon completion of a course of study, a certificate does not require any further action to retain. In high school a variety of certificates can be earned.	An academic degree is an award for the completion of a program or course of study over multiple years at postsecondary education institutions. In 2016-2017, 74 percent of secondary students who concentrated in a CTE Career Pathway placed in postsecondary education, advanced training, military service or employment (October 1-December 31).		

Utah Business and Industry Facts

According to the Utah Department of Workforce Services, air transportation companies in Utah employ 6,316 workers.

In Utah, an aircraft mechanic, an aircraft service technician, and an aircraft pilot must be licensed.

UtahFutures: College and Career Planning

Visit UtahFutures.org to explore occupations, search salary projections, access labor market information, investigate training options, and to create a plan.

CTE Credentials of Value

In 2017-2018, 112,867 CTE Skill Certifications were awarded to secondary students and 19,189 third-party certifications were earned by secondary students.

Visit UtahCTE.org to access high-quality, rigorous career-focused programs that result in attainment of credentials with labor market value.

In 2017-2018, the graduation rate for students who concentrated in a CTE Career Pathway was 95 percent, compared to Utah's statewide graduation rate of 87 percent.