Utah Career and Technical Education Career Pathway

2018-2019 School Year

CTE Learning that works for Utah

CareerClusters® PATHWAYS TO COLLEGE & CAREER READINESS
Arts, A/V Technology & Communications

Career Cluster: Arts, Audio/Visual Technology & Communication

Career Pathway: Broadcasting: TV Broadcasting Technician

CORE CODE	FOUNDATION COURSES (required)	CREDITS	
40.01.00.00.005	TV Broadcasting 1 *	.50	1.00 credit
40.01.00.00.010	TV Broadcasting 2 *	.50	
	ELECTIVE COURSES		
40.13.00.00.015	Advanced Commercial Photography *	.50	2.00 credits
40.13.00.00.012	Basic Digital Photography *	.50	
35.02.00.00.030	Computer Programming 1	1.00	
35.02.00.00.010	Digital Media 1	1.00	
38.01.00.00.021	Electronics 1 *	.50	
40.01.00.00.030	Video Production 1 *	.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.

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 Broadcasting Technician Career Pathway. SkillsUSA provides quality education experiences for students in leadership, teamwork, citizenship, and character development.

Workforce Trends

As businesses, schools, and radio and television stations demand new equipment, to improve their audio and video capabilities, the demand for broadcast and sound engineering technicians is expected to increase.

According to the U.S. Bureau of Labor Statistics, employment of audio and visual technicians is projected to grow 12 percent through the year 2024.

Broadcasting Technician is:

> High skill
> High wage
> High demand

Sample Occupations Requiring:

High School Diploma
> Advertising Salesperson

Certificate
> Video Editor

Assoc. or Technical Degree
> Audio Video Equipment Technician
> Broadcast Technician
> Radio, Cellular, and Tower Equipment Installers and Repairers
> Sound Engineering Technician

Baccalaureate Degree
> Announcer
> Camera Operator
> Career and Technical Education Teacher
> Film and Video Editor
> Producer and Director

Graduate or Prof. Degree
> Television Broadcaster

Student Testimonial

"I knew a lot about how to film, but I didn't know much about the technical aspects. The CTE classes helped me gain that understanding. Not only did I learn the technical aspects of cameras, as I enjoy cinematography, but I also learned the technical aspects of sound, lighting."

Morgan Taylor

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

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.

2-Year Associate or Technical Degree

4-Year Bachelor's Degree

More Graduate or Prof. Degree

An academic degree is an award for the completion of a program or course of study over multiple years at postsecondary education institutions.

In 2015-2016, 73 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, the broadcasting industry in Utah employs 2,091 workers.

CTE Skill Certificates

Competency-based student assessments, measured by core standards and competencies needed to be successful in the workforce.

In 2016-2017, 105,691 CTE skill certificates were awarded to high school students. Students' knowledge and performance is demonstrated as part of the Skill Certificate process.

UtahFutures: College and Career Planning

Visit UtahFutures.org for salary projections, labor market demand, and training options.

In 2016-2017, the graduation rate for students who concentrated in a CTE Career Pathway was 95 percent, compared to Utah's statewide graduation rate of 86 percent.