

# Utah Career and Technical Education Career Pathway

## 2018-2019 School Year



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

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

**Workforce Trends**  
 Technological improvements in the industry mean greater efficiencies in the workplace. Growth is expected to stem from businesses, schools, and radio and television stations seeking new equipment to improve their audio and video capabilities.

According to the U.S. Bureau of Labor Statistics, employment of broadcast and sound engineering technicians is projected to increase 7 percent through the year 2024.

### Career Cluster: Arts, Audio/Visual Technology & Communication

#### Career Pathway: Broadcasting: Radio Broadcasting Technician

CORE CODE	FOUNDATION COURSES (required)	CREDITS	
40.01.00.00.040	Radio Broadcasting 1 *	.50	1.00 credit
40.01.00.00.045	Radio Broadcasting 2 *	.50	
ELECTIVE COURSES			
32.02.00.00.010	Accounting 1	.50	2.00 credits
32.02.00.00.140	Business Management	.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	
41.00.00.00.030	Workplace Skills	.50	
<b>3.00 credits for completion</b>			

\* 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.**

**Radio Broadcasting Technician is:**  
 > High skill

**Sample Occupations Requiring:**

High School Diploma

> Radio Announcer

Certificate

> Sound Engineering Technician

Assoc. or Technical Degree

> Audio Video Equipment Technician

> Broadcast Technician

> Communication Equipment Mechanic

> Radio, Cellular, and Tower Equipment Installers and Repairers

> Radio Broadcaster

Baccalaureate Degree

> Audio-Visual Specialist

> Career and Technical Education Teacher

Graduate or Prof. Degree

> Radio Broadcaster

**Student Testimonial**

“The CTE courses have helped me focus, get experience, and gain an understanding of the dedication and work required to obtain my goal. These classes have also helped me make the right choice to continue my education.”

Marian Vega

### 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 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, there are 65 radio and television broadcasting firms in Utah. The annual median salary for a broadcast technician is \$35,500.

**CTE Skill Certificates**

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

**UtahFutures: College and Career Planning**

Visit [UtahFutures.org](http://UtahFutures.org) for salary projections, labor market demand, and training options.

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.

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.