

# High School to College and Career Pathway: Secondary

Career and Technical Education: Preparing Students for College and Career!



## Area of Study: Skilled and Technical Sciences Education

### Pathway: Communication – Television Broadcasting Technician

#### Get the Facts

Nearly 25 percent of all American households watch TV online. Two-thirds of online TV viewers access programs through streaming video, while 41 percent choose free downloads.

#### Workforce Trends

Employment growth will result from increased hours of programming, but will be offset by labor saving technology.

In 2010, 3D television is expected to enter the homes of Americans. This new technology will equal the transition from black-and-white to color television.



#### CAREER AND TECHNICAL EDUCATION

##### Recommended Pathway Courses

(Students may select individual courses for exploration, or a complete Pathway for an in-depth focus.)

**CLASS AVAILABILITY MAY VARY AT YOUR HIGH SCHOOL**

Course #	Foundation Courses: (required)	Credit
10.0201	TV Broadcasting 1	.50
10.0202	TV Broadcasting 2	.50
Or choose the following courses:		
10.0203	Video Production 1	.50
10.0204	Video Production 2	.50
<b>Elective Courses:</b>		
10.0205	Radio Broadcasting 1	.50
10.0206	Radio Broadcasting 2	.50
11.0201	Computer Programming 1	1.00
11.0210	Graphic Communications, Introduction	.50
11.0210	Multimedia	1.00
47.0105	Basic Electronics	.50
50.0406	Basic Film Photography	.50
50.0407	Basic Digital Photography	.50
32.0199	Student Internship (Critical Workplace Skills)	.50

1.00 credit

2.00 credits

3.00 credits for completion

#### Television Broadcasting Technician is:

- > High skill
- > High wage
- > High demand
- > Nontraditional for females

#### Sample Career Occupations

- > Audio and Video
- > Equipment Tech.
- > TV Broadcasting Teacher

Middle School		State Requirements		High School Suggested Education Plan				College and Career
7th Grade	8th Grade	Middle School	High School	9th Grade Suggested	10th Grade Suggested	11th Grade Suggested	12th Grade Suggested	Beyond High School
Language Arts 7 1.00	Language Arts 8 1.00	2.00	Language Arts 4.00	Language Arts 9 1.00	Language Arts 10 1.00	Language Arts 11 1.00	Language Arts 12 1.00	There are a number of options for education and training beyond high school, depending on your career goals. <ul style="list-style-type: none"> <li>&gt; Certificate</li> <li>&gt; Associate degree</li> <li>&gt; Bachelor's degree</li> <li>&gt; Professional degree</li> <li>&gt; On-the-job training</li> <li>&gt; Apprenticeship</li> <li>&gt; Military training</li> </ul> For more information on salary projections, labor market demand, and training options, visit <a href="http://www.utahfutures.org">www.utahfutures.org</a> .
Math * 1.00	Math * 1.00	2.00	Math 3.00	Math * 1.00	Math * 1.00	Math * 1.00		
Science .50	Science 1.00	1.50	Science 3.00	Earth Systems 1.00	Biological Science 1.00	Additional Credit 1.00		
Utah Studies .50	U.S. History I 1.00	1.50	Social Studies 3.00	Geography for Life .50	World Civilizations .50	U.S. History II 1.00	U.S. Government and Citizenship .50	
P.E. 1.00	Health .50	1.50	P.E./Health 2.00	Participation Skills and Techniques .50	Fitness for Life .50 / Health Education .50 Lifetime Activities or Sport .50			
The Arts .50	The Arts .50	1.00	Fine Arts 1.50	Fine Arts Courses 1.50				
Keyboarding .50			Computer Tech. .50	Computer Technology .50				
CTE Intro 1.00		1.00	CTE 1.00	Refer to Career and Technical Education box above.				

\* Talk to your school counselor about math requirements in the new common core curriculum. Core curriculum and elective requirements may vary district to district.

Concurrent enrollment course offerings vary by school and district. Many Utah postsecondary programs accept high school courses toward a two- or four-year degree through concurrent enrollment. Check regional postsecondary Pathways for details.