



# MONTANA CAREER PATHWAYS

## Career and Technical Education



Area of Study: **Business and Marketing Education**

### Career Pathway: Arts, A/V Technology, & Communication

#### Get the Facts

Through the application of artistic talent to practical problems and the learning of visual arts principles, students gain skills and techniques to work in any number of creative design, entertainment, and technological fields. Careers in this pathway require strong backgrounds in designing, producing, exhibiting or publishing multimedia content as well as effective communication skills.

#### Workforce Trends

The creative aspects of this career path are rapidly merging with technology and offering exciting and challenging careers. The Arts, A/V Technology, & Communication Career Pathway is organized into four career paths: Audio & Video Technology and Film; Broadcasting & Journalism; Printing Technology, and Telecommunications.

Montana continues to experience employment growth and job openings throughout careers within the Arts, A/V Technology, and Communications Career Pathway with 830 total job openings per year from 2015-2025.

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 SCHOOL		
Course #	Foundation Courses (required)	Credit
05162	Graphic Design	.50/1.0
10004	Computer Applications	.50/1.0
11151	Digital Media Technology	.50/1.0
Elective Courses		
10152	Computer Programming	.50
10201	Web Page Design	.50
10202	Computer Graphics	.50
11051	Audio/Visual Production	.50
11055	Video	.50
11101	Journalism	.50
11102	Photojournalism	.50
11154 or 11155	Commercial Graphic Design or Graphic Technology	.50
11098, 11198, or 12998	Workplace Experience (Audio/Video Technology & Film, Printing Technology, or Business & Marketing)	.50
12009	Business Communications	.50
12104	Accounting	.50
12164	Principles of Marketing	.50
Foundation courses taken beyond the required credits can be used as elective credit. Additional CTE Credits are recommended for Pathway completion		2.0 credits for completion

1.0 credit

1.0 credit

#### Careers in Arts, A/V Technology, & Communication are:

- High skill; High wage

#### Career Examples

- Audio-Video Designer/Engineer
- Broadcast Technician
- Commercial Artist
- Commercial Photography
- Computer/Digital Animator
- Film/Video Editor
- Game Developer
- Graphic Designer
- Media Specialist
- Videographer
- Virtual Reality Specialist
- Web Architect/Designer

According to the Montana Department of Labor and Industry, the median hourly wage for occupations within Arts, A/V Technology, & Communications is \$14.81.

State Graduation Requirements		Suggested High School Plan of Study				College and Career	
High School	9th Grade Suggested	10th Grade Suggested	11th Grade Suggested	12th Grade Suggested	Beyond High School		
Administrative Rules of Montana 10.55.905					<p>There are many options for education and training beyond high school, depending on your career goals.</p> <ul style="list-style-type: none"> <li>• Certificate</li> <li>• Associate degree</li> <li>• Bachelor's degree</li> <li>• Professional degree</li> <li>• On-the-job training</li> <li>• Apprenticeship</li> <li>• Military training</li> </ul> <p>For more information on salary projections, labor market demand, and training options, visit <a href="http://lmi.mt.gov">lmi.mt.gov</a>.</p>		
<b>English/Language Arts</b>	<b>4.0</b>	English 9 1.0	English 10 1.0	English 11 1.0			English 12 1.0
<b>Mathematics</b>	<b>2.0</b>	Math* 1.0	Math* 1.0	Math* 1.0			Math* 1.0
<b>Social Studies</b>	<b>2.0</b>	Social Studies* .50/1.0	Social Studies* .50/1.0	U.S History 1.0			U.S. Government 1.0
<b>Science</b>	<b>2.0</b>	Earth Science 1.0	Biology 1.0	Science Elective*			
<b>Health Enhancement</b>	<b>1.0</b>	P.E./Health* .50	P.E./Health* .50	P.E./Health Electives*			
<b>Arts</b>	<b>1.0</b>	Arts Courses* 1.0					
<b>Career and Technical Education</b>	<b>1.0</b>	Pathway Foundation Course .50/1.0	Pathway Foundation Course .50/1.0	Pathway Elective Course .50/1.0			Pathway Elective Course .50/1.0
<b>Work-Based Learning</b>		Participation in a Pathway-related work-based learning experience					
<b>Career and Technical Student Organization</b>		Business Professionals of America/DECA					
<ul style="list-style-type: none"> <li>• *Talk to your school counselor about requirements in the core curriculum. Core curriculum and elective requirements vary district to district.</li> <li>• Many CTE courses may qualify for dual enrollment credit, which in some cases may earn up to 1.0 credit toward Pathway completion. Talk to your school counselor about availability.</li> </ul>		<ul style="list-style-type: none"> <li>• Dual enrollment course offerings vary by school and district.</li> <li>• Many Montana post-secondary programs accept high school courses toward a two- and four-year degree through dual enrollment. Check with post-secondary campuses for details.</li> </ul>					