



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

Courses listed below provide a suggested sequence of courses for career and curriculum planning. Schools may offer additional courses beyond those listed within local Pathways.

CLASS AVAILABILITY MAY VARY AT YOUR SCHOOL

Course #	Foundation Courses (required)	Credit
05162	Visual Communication 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
11054	Photo Imaging	.50
11055	Video	.50
11102	Photojournalism	.50
11154 or 11155	Commercial Graphic Design or Graphic Technology	.50
11098 or 12998	Workplace Experience (Audio/Video Technology and Film or Business and Marketing)	.50
12001 or 22151	Business/Office Career Exploration or Career Exploration	.50
12009	Business Communications	.50
12104	Accounting	.50
12164	Principles of Marketing	.50

1.0 credit

1.0 credit

2.0 credits for completion

Foundation courses taken beyond the required credits can be used as elective credit
 Any High School CTE course(s) required for graduation may count towards Pathway completion
 Additional CTE Credits are recommended for Pathway completion

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						There are many options for education and training beyond high school, depending on your career goals.
English/Language Arts	4.0	English 9 1.0	English 10 1.0	English 11 1.0	English 12 1.0	<ul style="list-style-type: none"> • Certificate • Associate degree • Bachelor's degree • Professional degree • On-the-job training • Apprenticeship • Military training
Mathematics	2.0	Math* 1.0	Math* 1.0	Math* 1.0	Math* 1.0	
Social Studies	2.0	Social Studies* .50/1.0	Social Studies* .50/1.0	U.S History 1.0	U.S. Government 1.0	
Science	2.0	Earth Science 1.0	Biology 1.0	Science Elective*		
Health Enhancement	1.0	P.E./Health* .50	P.E./Health* .50	P.E./Health Electives*		
Arts	1.0	Arts Courses* 1.0				
Career and Technical Education	1.0	Pathway Foundation Course .50/1.0	Pathway Foundation Course .50/1.0	Pathway Elective Course .50/1.0	Pathway Elective Course .50/1.0	
Work-Based Learning		Participation in a Pathway-related work-based learning experience				
Career and Technical Student Organization		Business Professionals of America/DECA				
<ul style="list-style-type: none"> • *Talk to your school counselor about requirements in the core curriculum. Core curriculum and elective requirements vary district to district. • 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. 		<ul style="list-style-type: none"> • Dual enrollment course offerings vary by school and district. • 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. 				For more information on salary projections, labor market demand, and training options, visit lmi.mt.gov .