

Career and Technical Education

Area of Study: Business

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.

Workforce Trends:

The creative aspects of this career path are rapidly merging with technology and offering exciting and challenging careers. 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.

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
- 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.

Recommended Pathway Courses:

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

- Foundation Courses (required)
- Digital Computing .50 credit

- Graphic Design 1 .50 credit
- TV 1/ Podcasting .50 credit
- Introduction to Photography .50 credit
- AV 1:Photography .50 credit
- AV 2:Photography .50 credit

Elective Courses

- AV 2:Yearbook 1.0 credit
- AV 2:Newspaper 1.0 credit
- Graphic Design 2 .50 credit
- Graphic Design 2-Dual Credit Option (also offered as Independent Study) .50 credit
- Graphic Design 3-Dual Credit Option (also offered as Independent Study) .50 credit
- IB Film .50 credit
- Film 1-Introduction to Media Arts-Dual Credit Option .50 credit
- Film 2-Digital Media in the Arts-Dual Credit Option .50 credit
- Film Study-Dual Credit Option (also offered as Independent Study) .50 credit
- Film Editing -Dual Credit Option (also offered as Independent Study) .50 credit
- Web Design (also offered as Independent Study).50 credit
- Web Design 2 .50 credit
- IS-Digital Technologies-(Dual Credit Option) .50 credit
- IS-Design Studio .50 credit
- TV 2& Podcasting -Broadcasting Production 1.0 credit
- TV 3-Documentary Film/Capstone 1.0 credit
- Workplace Experience .50/1.0 credit

College and Career Beyond High School

There are many options for education and training beyond high school, depending on your career goals.

- Certificate
- Associate degree
- Bachelor's degree
- On-the-job training
- Apprenticeship

MCPS Graduation Requirements-High School

- English/Language Arts 4.0 credits
- Mathematics 3.0 credits
- Social Studies 2.0 credits

- Science 2.0 credits
- Health Enhancement 2.0 credits
- Art 1.0 credit
- Career and Technical Education 1.0 credit

Suggested High School Plan of Study

9th Grade

- English 9 1.0 credit
- Math 1.0 credit
- Social Studies .50/1.0 credit
- Earth Science 1.0 credit
- P.E./Health 1.0 credit
- Art Courses 1.0 credit
- Art
- Pathway Foundation .50 credit

10th Grade

- English 10 1.0 credit
- Math 1.0 credit
- Social Studies .50/1.0 credit
- Biology 1.0 credit
- P.E./Health 1.0 credit
- Art
- Pathway Foundation .50 credit

11th Grade

- English 11 1.0 credit
- Math 1.0 credit
- U.S. History 1.0 Credit
- Science Elective
- P.E./Health Electives
- Art
- Pathway Elective .50 credit

12th Grade

- English 12 1.0 credit
- Math 1.0 credit

- U.S. Government 1.0 credit
- Science Elective
- P.E./Health Electives
- Art
- Pathway Elective .50 credit

Work-Based Learning- Participation in a Pathway-related work-based learning experience
Career and Technical Student Organization- BPA/DECA