# Audio-Video Technology & Communications

**Arcadia Valley High School Career Cluster Program of Study**

This Program of Study Template can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner’s educational and career goals. **Ask your high school counselor to help you fill in the required courses you need to graduate.**

<table>
<thead>
<tr>
<th>Grade</th>
<th>English (8 semesters)</th>
<th>Math (6 semesters)</th>
<th>Science (6 semesters)</th>
<th>Social Studies (6 semesters)</th>
<th>Other Required Courses, Recommended Electives</th>
<th>Career &amp; Technical Courses and/or Degree Major Courses</th>
<th>SAMPLE Occupations Relating to this Pathway</th>
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<tbody>
<tr>
<td>9</td>
<td>Comm Arts I</td>
<td>High School Math</td>
<td>High School Science Course</td>
<td>High School S.S. Course</td>
<td>Personal Finance Computer Science Ag. Electives Audio Visual Electives</td>
<td>Check with high school counselor for course offerings</td>
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<tr>
<td>10</td>
<td>Comm Arts II</td>
<td>High School Math</td>
<td>High School Science Course</td>
<td>High School S.S. Course</td>
<td>Personal Finance Computer Science Audio Visual Electives</td>
<td>Check with high school counselor for course offerings</td>
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<tr>
<td>12</td>
<td>Senior Comm Arts &amp; Comm Arts elective</td>
<td>*College Algebra *College Trig.</td>
<td>High School Science Course</td>
<td>High School S.S. Course</td>
<td>See high school counselor for more course offerings</td>
<td>*AVCTC Graphic Arts Program Check with high school counselor: Television Production IV, Conv. Journ.-IV, Yearbook IV Printmaking, Portfolio Development, College Art History +Fundamentals of Music, Music Theory, * additional Band &amp; Choir Courses by audition</td>
<td>~ Please note that upper level visual arts courses can be taken in any order during any year as long prerequisites are met</td>
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- Actor
- Audio-Video Designer and Engineer
- Broadcast Technician
- Commercial Artist
- Computer Animator
- Curator/Gallery Manager
- Director and Coach
- Fashion Designer
- Journalist
- Lithographer
- Musician
- Printing Equipment Operator
- Telecommunication Technician
- Videographer
- Web Page Designer

- *English Comp I *Public Speaking
- *College Algebra *College Trig.
- *MFH College General Biology
- *Am. College History I & II *College Political Systems
- *College Microcomputer App *Intro to Mass Media *Intro to Cinema *Intro to Broadcasting *TV Production Practicum *Intro to Theatre (Available as Dual Enrollment)
- *Check with school counselor for dual enrollment classes available on the MAC website or on MAC Campus

- *College Algebra *College Trig.
- *MFH Intro to Chem *College Astronomy or Oceanography
- *Am. College History I & II *College Political Systems
- *College Microcomputer App *Intro to Mass Media *Intro to Cinema *Intro to Broadcasting *TV Production Practicum *Intro to Theatre *Theatre History I & II (Available as Dual Enrollment)
- *AVCTC Graphic Arts Program Check with high school counselor: Television Production IV, Conv. Journ.-IV, Yearbook IV Printmaking, Portfolio Development, College Art History +Fundamentals of Music, Music Theory, * additional Band & Choir Courses by audition
- *Check with school counselor for dual enrollment classes available on the MAC website or on MAC Campus
**Dual Credit courses** can often be substituted for high school credit.  
**Dual Enrollment courses** can be taken on a MAC campus or online.

**Assessments/Certifications:**  
College Placement Assessments, Compass, ACT, SAT

**Clubs/Extracurricular Activities:**  
Ask your Counselor what is available at your school.

**Additional Learning Opportunities:**  
- Theater Guild
- Yearbook
- Newspaper
- Speech & Debate Team
- Skills USA

**Work-Based Learning:**  
- After School Employment  
- Internship/Mentorship  
- Job Shadowing  
- Service Learning  
- Supervised Business Experience

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<td></td>
<td>Video Graphics, Special Effects, and Animation</td>
<td>Lithographers and Platemakers</td>
<td>Interior Designers, Commercial/Residential and Home Furnishings Coordinators</td>
<td>Cinematographers, Film/Video Editors</td>
<td>Station Managers and Radio &amp; TV Announcers</td>
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<tr>
<td></td>
<td>Audio Video Designers and Engineers</td>
<td>Computer Typography and Composition Equipment Operators</td>
<td>Graphic Designers, CAD Technicians, and Fashion Illustrators</td>
<td>Dancers</td>
<td>Publishers, Editors, and Journalists and Reporters, Print, Broadcast, Other Broadcast Technicians</td>
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<td>Technical Computer Support Technicians, State, Film, Video, and DVD</td>
<td>Desktop Publishing Specialists</td>
<td>Textile Designers</td>
<td>Play Writers, Screen Writers, Screen Editors, Script Writers</td>
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<td>Audio Video System Service Technicians</td>
<td>Web Page Designers</td>
<td>Commercial Artists, Illustrators, and Artists, all Media</td>
<td>Directors and Coaches, Performers, actors, Musicians</td>
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<td>Audio Systems Technicians</td>
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<td>Curators and Gallery Managers</td>
<td>Make-Up Artists and Costume Designers</td>
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<td></td>
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<td></td>
<td>Fashion Designers</td>
<td>Stagecraft Designers, Lighters, Sets, Sound Effects, Acoustics, Painters</td>
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<td>Composers, Conductors, and Music Instructors</td>
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<tr>
<th>Pathways</th>
<th>Audio and Video Technology and Film</th>
<th>Printing Technology</th>
<th>Visual Arts</th>
<th>Performing Arts</th>
<th>Journalism and Broadcasting</th>
<th>Telecommunications</th>
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<td></td>
<td>Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services</td>
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**Cluster Knowledge and Skills**  
- Academic Foundations  
- Communications  
- Problem Solving and Critical Thinking  
- Information Technology Applications  
- Systems  
- Safety, Health and Environmental  
- Leadership and Teamwork  
- Ethics and Legal Responsibilities  
- Employability and Career Development  
- Technical Skills  

**Cluster K&S**