



# Audio-Video Technology & Communications

## Fredericktown 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.**

Grade	English 8 semesters	Math 6 semesters	Science 6 semesters	Social Studies 6 semesters	Other Required Courses, Recommended Electives	Career & Technical Courses and/or Degree Major Courses	SAMPLE Occupations Relating to this Pathway
9	Comm Arts I	High School Math	High School Science Course	High School S.S. Course	Personal Finance Computer Science Ag. Electives Audio Visual Electives	Check with high school counselor for course offerings	<ul style="list-style-type: none"> <li>▶ Actor</li> <li>▶ Audio-Video Designer and Engineer</li> <li>▶ Broadcast Technician</li> <li>▶ Commercial Artist</li> <li>▶ Computer Animator</li> <li>▶ Curator/Gallery Manager</li> <li>▶ Director and Coach</li> <li>▶ Fashion Designer</li> <li>▶ Journalist</li> <li>▶ Lithographer</li> <li>▶ Musician</li> <li>▶ Printing Equipment Operator</li> <li>▶ Telecommunication Technician</li> <li>▶ Videographer</li> <li>▶ Web Page Designer</li> </ul> <p><i>~ Please note that upper level visual arts courses can be taken in any order during any year as long prerequisites are met</i></p>
10	Comm Arts II	High School Math	High School Science Course	High School S.S. Course	Personal Finance Computer Science Audio Visual Electives	Check with high school counselor for course offerings	
11	Comm Arts III Comm Arts elective  *English Comp I *Public Speaking	Pre-College Algebra or high school math course  *College Algebra	High School Science Course  *College General Biology	High School S.S. Course  *Am. College History I & II *College Political Systems	See high school counselor for more course offerings  *College Microcomputer App *Intro to Mass Media *Intro to Cinema *Intro to Broadcasting *TV Production Practicum *Intro to Theatre (Available as Dual Enrollment)	*Unitec Graphic Arts Program Check with high school counselor: Television Production III, Conv. Journ.- III, Yearbook III College Art History, Painting II +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	
12	*Senior Comm Arts & Comm Arts elective	*College Algebra	High School Science Course  *College Intro to Chemistry	High School S.S. Course  *Am. College History I & II *College Political Systems	See high school counselor for more course offerings  *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)	*Unitec 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. Check with your Counselor.**

**\*Dual Enrollment courses can be taken online or on a MAC campus.**

**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



**Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services**

<b>Sample Career Specialties / Occupations</b>	<p>Video Systems Technicians</p> <p>Video Graphics, Special Effects, and Animation</p> <p>Audio-Video Designers and Engineers</p> <p>Technical Computer Support Technicians, State, Film, Video, and DVD</p> <p>Audio-Video System Service Technicians</p> <p>Audio Systems Technicians</p>	<p>Graphics and Printing Equipment Operators</p> <p>Lithographers and Platemakers</p> <p>Computer Typography and Composition Equipment Operators</p> <p>Desktop Publishing Specialists</p> <p>Web Page Designers</p>	<p>Commercial Photographers, Digital, Still, Video, Film</p> <p>Interior Designers, Commercial/Residential and Home Furnishings Coordinators</p> <p>Graphic Designers, CAD Technicians, and Fashion Illustrators</p> <p>Textile Designers</p> <p>Commercial Artists, Illustrators, and Artists, all Media</p> <p>Curators and Gallery Managers</p> <p>Fashion Designers</p>	<p>Production Managers, Digital, Video, Stage</p> <p>Cinematographers, Film/Video Editors</p> <p>Dancers</p> <p>Play Writers, Screen Writers, Screen Editors, Script Writers</p> <p>Directors and Coaches, Performers, actors, Musicians</p> <p>Make-Up Artists and Costume Designers</p> <p>Stagecraft Designers, Lighters, Sets, Sound Effects, Acoustics, Painters</p> <p>Composers, Conductors, and Music Instructors</p>	<p>Audio/Video Operations, Control Room Technician</p> <p>Station Mangers and Radio &amp; TV Announcers</p> <p>Publishers, Editors, and Journalists and Reporters, Print, Broadcast, Other</p> <p>Broadcast Technicians</p>	<p>Telecommunication Technicians</p> <p>Telecommunication Equipment, Cable, Line</p> <p>Repairers/Installers</p> <p>Telecommunication Computer Programmers, and Systems Analysts</p>
<b>Path-ways</b>	<b>Audio and Video Technology and Film</b>	<b>Printing Technology</b>	<b>Visual Arts</b>	<b>Performing Arts</b>	<b>Journalism and Broadcasting</b>	<b>Telecommunications</b>
<b>Cluster K&amp;S</b>	<p><b>Cluster Knowledge and Skills</b></p> <ul style="list-style-type: none"> <li>◆ Academic Foundations ◆ Communications ◆ Problem Solving and Critical Thinking ◆ Information Technology Applications ◆ Systems</li> <li>◆ Safety, Health and Environmental ◆ Leadership and Teamwork ◆ Ethics and Legal Responsibilities</li> <li>◆ Employability and Career Development ◆ Technical Skills</li> </ul>					