

Arts, Audio Visual Technology, and Communication Career Cluster



The Arts, Audio Visual Technology, and Communication (AAVTC) career cluster focuses on designing, producing, exhibiting, performing, writing, and publishing multimedia content requiring creative aptitude, fluency in computer and technology applications, and proficiency in oral and written communication. This career cluster includes occupations ranging from camera operator, audio and video technician, director, and producer to graphic designer and web and digital interface designer.

Statewide Program of Study: *Graphic Design and Interactive Media*

The Graphic Design and Interactive Media program of study focuses on occupational and educational opportunities associated with designing or creating graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. The program of study includes designing clothing and accessories and creating special effects, animation, or other visual images using film, video, computers, or other electronic tools and media for use in computer games, movies, music videos, and commercials.



Secondary Courses for High School Credit

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| Level 1 | <ul style="list-style-type: none"> Principles of Arts, Audio/Video Technology, and Communications Digital Media |
| Level 2 | <ul style="list-style-type: none"> Graphic Design and Illustration I |
| Level 3 | <ul style="list-style-type: none"> Graphic Design and Illustration II Graphic Design and Illustration II + Graphic Design and Illustration II Lab |
| Level 4 | <ul style="list-style-type: none"> Practicum in Graphic Design and Illustration Career Preparation for Programs of Study Career Preparation for Programs of Study + Extended Career Preparation |



Example Postsecondary Opportunities

Associate Degrees

- Graphic Design
- Digital Arts



Bachelor's Degrees

- Web Page, Digital/Multimedia and Information Resources Design
- Design and Visual Communications

Master's, Doctoral, and Professional Degrees

- Game and Interactive Media Design
- Animation, Interactive Technology, Video Graphics, and Special Effects

Additional Stackable IBCs/License

- Certified Textile Designer (CTD)

Aligned Advanced Academic Courses

AP or IB	AP Studio Art: Two-Dimensional Design Portfolio
Dual Credit	Dual credit offerings will vary by local education agency.

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	<ul style="list-style-type: none"> Shadow an art director at a branding firm or design agency Intern in the marketing and communications department of a technology company
Expanded Learning Opportunities	<ul style="list-style-type: none"> Participate in SkillsUSA or TSA Participate in Student Television Network Join a related co-curricular or extracurricular club such as web development or computer coding

Aligned Industry-Based Certifications

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| <ul style="list-style-type: none"> Adobe Certified Professional in Digital Video Using Adobe Premiere Pro Adobe Certified Professional in Graphic Design and Illustration Using Adobe Illustrator Adobe Certified Professional in Print and Digital Media Publication Using Adobe InDesign Adobe Certified Professional in Visual Design Adobe Certified Professional in Visual Design Using Adobe Photoshop Adobe Certified Professional in Visual Effects and Motion Graphics Using Adobe After Effects | <ul style="list-style-type: none"> Audio-Visual Communications - Job Ready Autodesk Associate (Certified User) 3ds MAX C++ Certified Associate Programmer Certified Entry-Level Python Programmer (PCEP) Certified Professional Photographer Certified Professional Programmer Certified User: Programmer Certified Web Animator Associate CodeHS Python Level I Certification Graphic Production Technology - Job Ready Oracle Certified Associate Java SE 8 Programmer |
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Example Aligned Occupations

Software Developers

Median Wage: \$111,705
Annual Openings: 15,324
10-Year Growth: 36%

Graphic Designers

Median Wage: \$50,973
Annual Openings: 1,766
10-Year Growth: 10%

Art Directors

Median Wage: \$81,926
Annual Openings: 619
10-Year Growth: 18%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024



For more information visit:
<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources>



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Statewide Program of Study: *Graphic Design and Interactive Media*

Course Information

Level 1

Course	Prerequisites Corequisites	Career Clusters
Principles of Arts, Audio + Video Technology, and Communications* 13008200 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	5013
Digital Media 13027800 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	5092

Level 2

Course	Prerequisites Corequisites	Career Clusters
Graphic Design and Illustration I* 13008800 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of AAVTC Recommended Corequisites: Graphic Design and Illustration I Lab	4921

Level 3

Course	Prerequisites Corequisites	Career Clusters
Graphic Design and Illustration II 13008900 (1 credit)	Prerequisites: Graphic Design and Illustration I Corequisites: None Recommended Prerequisites: None Recommended Corequisites: Graphic Design and Illustration II Lab	3791
Graphic Design and Illustration II + Graphic Design and Illustration II Lab 13008910 (2 credits)	Prerequisites: Graphic Design and Illustration I Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	3794

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* Indicates course is included in more than one program of study.

For additional information on the **Arts, Audio Visual Technology, and Communication** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



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Course Information

Level 4

Course	Prerequisites Corequisites	Career Clusters
Practicum in Graphic Design and Illustration First Time Taken: 13009000 (2 credits) Second Time Taken: 13009010 (2 credits)	Prerequisites: Graphic Design and Illustration II and Graphic Design and Illustration II Lab Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	3797 1 st time 3798 2 nd time 
Career Preparation for Programs of Study* First Time Taken: 12701121 (2 credits)	Prerequisites: At least one Level 2 or higher CTE course Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	4800 
Career Preparation for Programs of Study + Extended Career Preparation* First Time Taken: 12701141 (3 credits)	Prerequisites: At least one Level 2 or higher CTE course Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	4801 

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