

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, 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

Level 1	<ul style="list-style-type: none"> Principles of Arts, Audio/Video Technology, and Communications Video Game Design Digital Media Web Communications
Level 2	<ul style="list-style-type: none"> Game Programming and Design Foundations of User Experience (UX) Digital Design and Media Production Video Game Programming Graphic Design and Illustration I Graphic Design and Illustration I + Graphic Design and Illustration I Lab Animation I Animation I + Animation I Lab Fashion Design I Fashion Design I + Fashion Design I Lab Commercial Photography I Commercial Photography I + Commercial Photography I Lab Entrepreneurship I
Level 3	<ul style="list-style-type: none"> Digital Art and Animation 3-D Modeling and Animation Web Game Development Advanced Video Game Programming Advanced User Experience Design Graphic Design and Illustration II Graphic Design and Illustration II + Graphic Design and Illustration II Lab Animation II Animation II + Animation II Lab Fashion Design II Fashion Design II + Fashion Design II Lab Commercial Photography II Commercial Photography II + Commercial Photography II Lab
Level 4	<ul style="list-style-type: none"> Virtual Production (TBD) Practicum in Graphic Design and Illustration Practicum in Graphic Design and Illustration + Extended Practicum in Graphic Design and Illustration Practicum in Animation Practicum in Animation + Extended Practicum in Animation Practicum in Fashion Design Practicum in Fashion Design + Extended Practicum in Fashion Design Practicum in Commercial Photography Practicum in Commercial Photography + Extended Practicum in Commercial Photography Independent Study in Technology Applications Independent Study in Evolving/Emerging Technologies Practicum in Entrepreneurship Career Preparation for Programs of Study Career Preparation for Programs of Study + Extended Career Preparation

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

- 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
- 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
- CodeHS Python Level I Certification
- Graphic Production Technology - Job Ready
- Oracle Certified Associate Java SE 8 Programmer



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/Licensures

- Certified Textile Designer (CTD)



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>

Arts, Audio Visual Technology and Communication Career Cluster

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	
Video Game Design 13009970 (1 credit)	Prerequisites: None Corequisites: None Recommended prerequisites: Principles of AAVTC Recommended corequisites: None	
Digital Media 13027800 (1 credit)	Prerequisites: None Corequisites: None Recommended prerequisites: None Recommended corequisites: None	
Web Communications* 03580810 (0.5 credit)	Prerequisites: None Corequisites: None Recommended prerequisites: None Recommended corequisites: None	

Level 2

Course	Prerequisites Corequisites	Career Clusters
Game Programming and Design 03580380 (1 credit)	Prerequisites: Algebra I Corequisites: None Recommended prerequisites: None Recommended corequisites: None	
Foundations of User Experience (UX) N1302809 (1 credit)	Prerequisites: None Corequisites: None Recommended prerequisites: None Recommended corequisites: None	
Digital Design and Media Production* 03580400 (1 credit)	Prerequisites: None Corequisites: None Recommended prerequisites: None Recommended corequisites: None	
Video Game Programming N1300994 (1 credit)	Prerequisites: None Corequisites: None Recommended prerequisites: Video Game Design Recommended corequisites: None	
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	
Graphic Design and Illustration I + Graphic Design and Illustration I Lab* 13008810 (2 credits)	Prerequisites: None Corequisites: None Recommended prerequisites: Principles of AAVTC Recommended corequisites: None	
Animation I 13008300 (1 credit)	Prerequisites: None Corequisites: None Recommended prerequisites: Principles of AAVTC Recommended corequisites: Animation I Lab	
Animation I + Animation I Lab 13008310 (2 credits)	Prerequisites: None Corequisites: None Recommended prerequisites: Principles of AAVTC Recommended corequisites: None	
Fashion Design I 13009300 (1 credit)	Prerequisites: None Corequisites: None Recommended prerequisites: Principles of AAVTC Recommended corequisites: Fashion Design I Lab	
Fashion Design I + Fashion Design I Lab 13009310 (2 credits)	Prerequisites: None Corequisites: None Recommended prerequisites: Principles of AAVTC Recommended corequisites: None	
Commercial Photography I 13009100 (1 credit)	Prerequisites: None Corequisites: None Recommended prerequisites: None Recommended corequisites: Commercial Photography I Lab	
Commercial Photography I + Commercial Photography I Lab 13009110 (2 credits)	Prerequisites: None Corequisites: None Recommended prerequisites: None Recommended corequisites: None	
Entrepreneurship I* 13011101 (1 credit)	Prerequisites: None Corequisites: None Recommended prerequisites: Principles of Business, Marketing, and Finance Recommended corequisites: None	

* 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>



[LEA name] does not discriminate on the basis of race, color, national origin, sex, or disability in its programs or activities and provides equal access to the Boy Scouts and other designated youth groups. The following person has been designated to handle inquiries regarding the nondiscrimination policies: [title], [address], [telephone number], [email]. Further nondiscrimination information can be found at [Notification of Nondiscrimination in Career and Technical Education Programs](#).

Graphic Design and Interactive Media

Arts, Audio Visual Technology and Communication Career Cluster

Statewide Program of Study: Graphic Design and Interactive Media

Course Information

Level 3

Course	Prerequisites Corequisites	Career Clusters
Digital Art and Animation 03580500 (1 credit)	Prerequisites: None Corequisites: None Recommended prerequisites: Art I Recommended corequisites: None	
3-D Modeling and Animation 03580510 (1 credit)	Prerequisites: None Corequisites: None Recommended prerequisites: Art I Recommended corequisites: None	
Web Game Development 03580830 (1 credit)	Prerequisites: None Corequisites: None Recommended prerequisites: Web Design Recommended corequisites: None	
Advanced Video Game Programming N1300995 (1 credit)	Prerequisites: None Corequisites: None Recommended prerequisites: Video Game Design and Video Game Programming Recommended corequisites: None	
Advanced User Experience Design N1302814 (1 credit)	Prerequisites: Foundations of User Experience (UX) Corequisites: None Recommended prerequisites: None Recommended corequisites: None	
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	
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	
Animation II 13008400 (1 credit)	Prerequisites: Animation I Corequisites: None Recommended prerequisites: None Recommended corequisites: Animation II Lab	
Animation II + Animation II Lab 13008410 (2 credits)	Prerequisites: Animation I Corequisites: None Recommended prerequisites: None Recommended corequisites: None	
Fashion Design II 13009400 (1 credit)	Prerequisites: Fashion Design I Corequisites: None Recommended prerequisites: None Recommended corequisites: Fashion Design II Lab	
Fashion Design II + Fashion Design II Lab 13009410 (2 credits)	Prerequisites: Fashion Design I Corequisites: None Recommended prerequisites: None Recommended corequisites: None	
Commercial Photography II 13009200 (1 credit)	Prerequisites: None Corequisites: None Recommended prerequisites: Commercial Photography I and Commercial Photography I Lab Recommended corequisites: Commercial Photography II Lab	
Commercial Photography II + Commercial Photography II Lab 13009210 (2 credits)	Prerequisites: None Corequisites: None Recommended prerequisites: Commercial Photography I and Commercial Photography I Lab Recommended corequisites: None	

* 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>



[LEA name] does not discriminate on the basis of race, color, national origin, sex, or disability in its programs or activities and provides equal access to the Boy Scouts and other designated youth groups. The following person has been designated to handle inquiries regarding the nondiscrimination policies: [title], [address], [telephone number], [email]. Further nondiscrimination information can be found at [Notification of Nondiscrimination in Career and Technical Education Programs](#).

Arts, Audio Visual Technology and Communication Career Cluster

Statewide Program of Study: Graphic Design and Interactive Media

Course Information

Level 4

Course	Prerequisites Corequisites	Career Clusters
Virtual Production TBD (TDB credits)	Prerequisites: TBD Corequisites: TBD Recommended prerequisites: TBD Recommended corequisites: TBD	
Independent Study In Technology Applications First Time Taken: 03580900 (1 credit)	Prerequisites: None Corequisites: None Recommended prerequisites: a minimum of one credit from the courses in the Information Technology career cluster Recommended corequisites: None	
Independent Study in Evolving/ Emerging Technologies First Time Taken: 03581500 (1 credit)	Prerequisites: None Corequisites: None Recommended prerequisites: a minimum of one credit from the courses in the Information Technology career cluster Recommended corequisites: None	
Practicum in Entrepreneurship* First Time Taken: 13011111 (2 credits)	Prerequisites: None Corequisites: None Recommended prerequisites: Entrepreneurship I and II or successful completion of at least two courses in a career and technical education (CTE) program of study Recommended corequisites: None	
Practicum in Animation First Time Taken: 13008450 (2 credits) Second Time Taken: 13008460 (2 credits)	Prerequisites: Animation II and Animation II Lab Corequisites: None Recommended prerequisites: None Recommended corequisites: None	
Practicum in Animation + Extended Practicum in Animation First Time Taken: 13008455 (3 credits) Second Time Taken: 13008465 (3 credits)	Prerequisites: Animation II and Animation II Lab Corequisites: None Recommended prerequisites: None Recommended corequisites: None	
Practicum in Commercial Photography First Time Taken: 13009250 (2 credits) Second Time Taken: 13009260 (2 credits)	Prerequisites: Commercial Photography I and Commercial Photography I Lab along with teacher recommendation Corequisites: None Recommended prerequisites: None Recommended corequisites: None	
Practicum in Commercial Photography + Extended Practicum in Commercial Photography First Time Taken: 13009255 (3 credits) Second Time Taken: 13009265 (3 credits)	Prerequisites: Commercial Photography I and Commercial Photography I Lab along with teacher recommendation Corequisites: None Recommended prerequisites: None Recommended corequisites: None	
Practicum in Fashion Design First Time Taken: 13009500 (2 credits) Second Time Taken: 13009510 (2 credits)	Prerequisites: Fashion Design II and Fashion Design II Lab Corequisites: None Recommended prerequisites: None Recommended corequisites: None	

Continued on next page

* 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>

Arts, Audio Visual Technology and Communication Career Cluster

Statewide Program of Study: Graphic Design and Interactive Media

Course Information

Level 4

Course	Prerequisites Corequisites	Career Clusters
Practicum in Fashion Design + Extended Practicum in Fashion First Time Taken: 13009505 (3 credits) Second Time Taken: 13009515 (3 credits)	Prerequisites: Fashion Design II and Fashion Design II Lab Corequisites: None Recommended prerequisites: None Recommended corequisites: None	
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	
Practicum in Graphic Design and Illustration + Extended Practicum in Graphic Design and Illustration First Time Taken: 13009005 (3 credits) Second Time Taken: 13009015 (3 credits)	Prerequisites: Graphic Design and Illustration II and Graphic Design and Illustration II Lab Corequisites: None Recommended prerequisites: None Recommended corequisites: None	
Career Preparation for Programs of Study* First Time Taken: 1270121 (2 credits)	Prerequisites: at least one Level 2 or higher Career and Technical Education course Corequisites: None Recommended prerequisites: None Recommended corequisites: None	
Career Preparation for Programs of Study + Extended Career Preparation* First Time Taken: 12701141 (3 credits)	Prerequisites: at least one Level 2 or higher Career and Technical Education course Corequisites: None Recommended prerequisites: None Recommended corequisites: None	

* 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>



[LEA name] does not discriminate on the basis of race, color, national origin, sex, or disability in its programs or activities and provides equal access to the Boy Scouts and other designated youth groups. The following person has been designated to handle inquiries regarding the nondiscrimination policies: [title], [address], [telephone number], [email]. Further nondiscrimination information can be found at [Notification of Nondiscrimination in Career and Technical Education Programs](#).