

## **District Career & Technical Education (CTE) Pathway Proposal**

The Career & Technical Education (CTE) Pathway proposal is to be submitted to the CTE Coordinator for prior approval and should include the following information:

**Name of State approved (CCCS) CTE Program:** Arts and Design

**CCCS Student Rights Assurance:** Approved programs must assure and have strategies in place to ensure that no student is unlawfully: • Discriminated against the basis of age, race, religion, color, national origin, sex/gender, pregnancy status, gender identity, sexual orientation, or disability in its activities or programs as required by Title VI, Title IX, and Section 504, Age Discrimination Act, and Title II of the Americans with Disabilities Act. • Denied an equal opportunity to benefit from occupational education solely on the basis of race, color, religion, national origin, sex, age, or disability. Additionally, CTE staff must work with students with qualified disabilities (including the learning disabled and those with physical, sensory, and temporary disabilities) to provide appropriate assistance to students so that they may participate in approved CTE programs as fully as possible. Each program is responsible for providing evidence of each of these in the case of an audit or upon CCCS request.

### **I. GOALS**

A. Provide a brief overview of the CTE Pathway. In this pathway, students are introduced to the variety of programs and occupations in the arts, audio/video technology, and communication systems. Within this program, students will develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

B. How does this CTE Pathway fit into the overall educational program? CTE programs significantly increase not only the high school graduation rate, but also results in a higher percentage of students going to college and persisting through graduation. Students taking both academic and technical courses have lower dropout rates and better achievement gains than other students.

C. What benefits would students receive from this CTE pathway? This career pathway prepares students for work with audio/video technology and film, printing technology, performing arts, visual arts, telecommunications and journalism and broadcasting. This pathway is more concerned with operating technology that helps to create today's entertainment. Many students go on to pursue audio engineering, lighting technology and other similar careers.

## II. CAREER & TECHNICAL EDUCATION (CTE) PATHWAY COURSES

Complete the table below indicating the course sequence students would take within the CTE program. Other courses may be added or changed within the program, based upon the need of students or program modifications. **New course names will be indicated in red text.**

<i>Pathway Name:</i>	Arts and Design
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<i>Sub-Pathway Name (if applicable):</i>	Design and Multimedia Arts
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<i>Level:</i>	<i>State Approved Course Name:</i>	<i>State Approved Description:</i>	<i>CIP Code</i>
Level 1	Foundations of Design, Multimedia Arts & Digital Communications (A & B)	Students are introduced to the variety of programs and occupations in the arts, audio/video technology, and communication systems. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.	090702
Level 1	Digital Media (A & B)	In Digital Media, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students will enhance reading, writing, computing, communication, and critical thinking and apply them to the IT environment.	090702
Level 2	Graphic Design & Illustration I (A & B)	This entry level course is for training in the visual communication portion of all media businesses. Students learn about a career in the many kinds of media and graphic design and illustration jobs. Digital photography and working towards the intermediate level use of image editing and drawing programs are strongly focused upon in this class. This is helpful for any future photographer, videographer, animator or advertiser. Students will begin developing a high quality portfolio for college or design school.	090702
Level 2	Animation I (A & B)	Animation I is an introduction to traditional animation.	090702

		<p>This course covers essential knowledge, skills, and concepts required for postsecondary fields of study. Upon completion of this course, students are able to describe various careers within animation, as well as admission requirements for postsecondary fields of study in Colorado. Students will digitally create both 2D animations and 3D computer-generated animations. The basic principles of design and animation will be covered that have been used by professionals. Students will have drawing assignments to help them in character design, layout, and story development. With the approval of the instructor, students may have the choice to complete major projects in either 2D or 3D.</p>	
Level 2	<b>Commercial Photography I (A &amp; B)</b>	<p>This photography course focuses on studio-based photography. Students will learn basic DSLR camera operations, framing and the art of styling and lighting for professional photo shoots. Projects will include various print advertisements and studio work. Students will learn about careers related to commercial photography and the postsecondary programs and requirements within Colorado. Some examples of jobs in this area are photographer, graphic designer and stylist. Students will complete a number of projects and design pieces to be added to personal portfolios.</p>	090702
Level 3	<b>Graphic Design &amp; Illustration II (A &amp; B)</b>	<p>Design portfolios are expanded upon and improved in this second year of Graphic Design and Illustration. There is study of college art and media programs. More time is spent learning advanced concepts in illustration and the advertising and media business as well as new software programs while continuing to hone skills in image editing and digital photography. Large format printing of projects is common in this class.</p>	090702
Level 3	<b>Animation II (A &amp; B)</b>	<p>Animation II allows students to apply knowledge of animation to complete fully developed projects that may be used in their portfolio. With the approval of the instructor, students may have a chance to complete major projects in 2D or 3D. In addition to at least one major individual project, students will combine their talents in a group project. Students are expected to create animated shorts that can be seen in the community.</p>	090702
Level 3	<b>Commercial Photography II (A &amp; B)</b>	<p>Course emphasizes the needs of commercial photographers with regard to technical expertise, creativity, and professional equipment. Technical aspects include film to digital transfer, lighting, digital image manipulation, alternative processes, large</p>	090702

		format camera work and stock photography. Creative exploration of subject matter, lighting, color theory and other psychological characteristics in the development of images are studied. A variety of photographic equipment is utilized for the studio and on location. Students are expected to create a portfolio of work for both print and electronic formats.	
Level 4	Capstone	This course allows for individualized, advanced, and/or cumulative work in a program of study. This work is individualized to the student within a specific program of study to allow for specialized study. It may include problem-/project-based learning or preparation for industry certification. The specific content and course design is determined by the instructor, in collaboration with the individual student.	090702
Level 4	Work-based Learning (WBL)	Students build on prior knowledge and skills in the program of study to further develop and apply employability and technical skills that prepare them for success in future career and postsecondary education, as deemed developmentally appropriate.	090702

<i>Sub-Pathway Name (if applicable):</i>	Digital Media and Communications
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<i>Level:</i>	<i>State Approved Course Name:</i>	<i>State Approved Description:</i>	<i>CIP Code</i>
Level 1	Foundations of Design, Multimedia Arts & Digital Communications (A & B)	Students are introduced to the variety of programs and occupations in the arts, audio/video technology, and communication systems. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities	090702
Level 2	Audio Video Production I (A & B)	This course explores the Audio and Video production industry and its post-secondary educational and career opportunities. Students will gain job-specific training for entry level employment in audio, video, television, and motion picture careers. Professional grade equipment and software will be used in the creation of student lead productions. Students will be involved in every aspect of several class and small group audio, video, and film style production projects with emphasis on TV studio broadcasting and news	090702

		production projects. Students will also be encouraged to participate as studio crew for district productions outside of school hours.	
Level 2	Online Media I	Students demonstrate their understanding of a variety of programs and occupations in online media using digital tools that are widely available in professional media work. Focus is on producing content for online consumer-oriented platforms. Instruction will be paired with hands-on lab experiences in community reporting, both verbal and visual.	090702
Level 2	Print Media I	Students demonstrate their understanding of a variety of programs and occupations in print media using digital tools that are widely available in professional publication work. Focus is on producing content for reader-oriented publications. Instruction will be paired with hands-on lab experiences in community reporting, both verbal and visual.	090702
Level 2	Reporting	Students are introduced to the variety of programs and occupations in audio/video technology, and communications and media systems. Students will demonstrate an understanding of how to gather information that may be published in print or online media. Instruction will be paired with hands-on lab experiences in community reporting, both verbal and visual.	090702
Level 2	Graphic Design & Illustration I (A & B)	This entry level course is for training in the visual communication portion of all media businesses. Students learn about a career in the many kinds of media and graphic design and illustration jobs. Digital photography and working towards the intermediate level use of image editing and drawing programs are strongly focused upon in this class. This is helpful for any future photographer, videographer, animator or advertiser. Students will begin developing a high quality portfolio for college or design school.	090702
Level 2	Television Production (A & B)	TV producers work behind the camera, putting together the different elements of the broadcast and making sure that everything works together smoothly. This course covers the essential components of TV broadcast production, including the use of microphones, cameras, video tape recorder-editors, switchers and lighting equipment. The basics of editing and chroma key (blue screen) techniques are also introduced. Students gain practical experience producing their own video projects in the studio.	090702

Level 3	Audio/Video Production II (A & B)	This course explores the Audio and Video production industry and its post-secondary educational and career opportunities. Students will gain job-specific training for entry level employment in audio, video, television, and motion picture careers. Professional grade equipment and software will be used in the creation of student lead productions. Students will be involved in every aspect of several class and small group audio, video, and film style production projects with emphasis on TV studio broadcasting and news production projects. Students will also be encouraged to participate as studio crew for district productions outside of school hours.	090702
Level 3	Print Media II	This course is recommended for students who have completed Print Media I and who want to develop their leadership skills while expanding on various modes of reporting and creating print media for specific audiences. Instruction will be paired with hands-on lab experiences in community reporting.	090702
Level 3	Editing	This course is recommended for students who have completed Reporting and who want to develop their leadership skills while expanding on various modes of reporting and creating presentations in multiple platforms for specific audiences. Instruction will be paired with hands-on lab experiences.	090702
Level 3	Online Media II	This course is recommended for students who have completed Online Media I and who want to develop their leadership skills while expanding on various modes of reporting and creating online media for specific audiences and online consumer-oriented platforms. Instruction will be paired with hands-on lab experiences.	090702
Level 3	Graphic Design & Illustration II (A & B)	Design portfolios are expanded upon and improved in this second year of Graphic Design and Illustration. There is study of college art and media programs. More time is spent learning advanced concepts in illustration and the advertising and media business as well as new software programs while continuing to hone skills in image editing and digital photography. Large format printing of projects is common in this class.	090702
Level 4	Capstone	This course allows for individualized, advanced, and/or cumulative work in a program of study. This work is individualized to the student within a specific program of study to allow for specialized study. It may include problem-/project-based learning or preparation for industry certification. The specific content and course design is determined by the	090702

		instructor, in collaboration with the individual student.	
Level 4	Work -based Learning (WBL)	Students build on prior knowledge and skills in the program of study to further develop and apply employability and technical skills that prepare them for success in future career and postsecondary education, as deemed developmentally appropriate.	090702

Sub-Pathway Name (if applicable):	Production & Managerial Arts
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Level:	State Approved Course Name:	State Approved Description:	CIP Code
Level 1	Foundations of Design, Multimedia Arts & Digital Communications (A & B)	Students are introduced to the variety of programs and occupations in the arts, audio/video technology, and communication systems. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.	500502
Level 2	Broadcast Production (A & B)	In the Broadcast Production course, students will examine the techniques and technologies involved in creating multi-camera shoots for the news and narrative broadcast television genres. Students will explore the unique logistical, structural, and aesthetic methodologies that distinguish broadcast production from other types of production.	500502
Level 2	Television Production (A & B)	TV producers work behind the camera, putting together the different elements of the broadcast and making sure that everything works together smoothly. This course covers the essential components of TV broadcast production, including the use of microphones, cameras, video tape recorder-editors, switchers and lighting equipment. The basics of editing and chroma key (blue screen) techniques are also introduced. Students gain practical experience producing their own video projects in the studio.	500502
Level 2	Audio Video Production I (A & B)	This course explores the Audio and Video production industry and its post-secondary educational and career opportunities. Students will gain job-specific training for entry level employment in audio, video, television, and motion picture careers. Professional grade equipment and software will be used in the creation of	500502





		<p>student lead productions. Students will be involved in every aspect of several class and small group audio, video, and film style production projects with emphasis on TV studio broadcasting and news production projects. Students will also be encouraged to participate as studio crew for district productions outside of school hours.</p>	
Level 2	<i>Technical Theatre (A &amp; B)</i>	<p>Introduces methods of constructing and painting scenery and properties, operating stage lighting and sound equipment, and implementing costumes and multimedia. This course explores the proper procedures of serving on stage crews.</p>	500502
Level 2	<i>Performance and Communications</i>	<p>This course introduces students to methods of performance and performance-dependent careers. Though performance is a significant part of this course, further topics include financial awareness, promotion and marketing, and management and leadership.</p>	500502
Level 2	<i>Filmmaking I (A &amp; B)</i>	<p>Students learn how to use digital video editing software to create, edit, and save movies. Students create movies using digital video clips, digital photos and music. The basics of shooting good video, capturing video from a camera to a computer, creating movies for the web, and creating a finished product will be covered.</p>	500502
Level 3	<i>Filmmaking II (A &amp; B)</i>	<p>Students learn how to use digital video editing software to create, edit, and save movies. Students create movies using digital video clips, digital photos and music. The basics of shooting good video, capturing video from a camera to a computer, creating movies for the web, and creating a finished product will be covered.</p>	500502
Level 3	<i>Stage Production Management (A &amp; B)</i>	<p>This course introduces students to various areas of management within the stage production industry which include stage manager (working with assistants, actors, and directors), theater manager (advertising, box office sales, public relations), human resources (training, hiring, safety, compensation, law), and financial manager (payroll and budget).</p>	500502
Level 3	<i>Set Design (A &amp; B)</i>	<p>Emphasizes two- and three-dimensional drawing and designs and color theory. Students construct 3-D models and a theatrical stage set.</p>	500502
Level 4	<i>Filmmaking III (A &amp; B)</i>	<p>This advanced course will take the foundations taught in Filmmaking I and II and move toward mastery of all the skills developed in the previous courses. Students will work on original films for film festivals and</p>	500502





		<i>portfolios for college applications.</i>	
<i>Level 4</i>	<i>Capstone</i>	<i>This course allows for individualized, advanced, and/or cumulative work in a program of study. This work is individualized to the student within a specific program of study to allow for specialized study. It may include problem-/project-based learning or preparation for industry certification. The specific content and course design is determined by the instructor, in collaboration with the individual student.</i>	<i>500502</i>
<i>Level 4</i>	<i>Work -based Learning (WBL)</i>	<i>Students build on prior knowledge and skills in the program of study to further develop and apply employability and technical skills that prepare them for success in future career and postsecondary education, as deemed developmentally appropriate.</i>	<i>500502</i>

**Signature Page**

<p>Does the Career and Technical Education (CTE) Coordinator approve adoption of this program? <i>** Your signature below indicates your approval of the program.</i></p>
<p>Signature  _____ <small>Joy Griffin (Jan 21, 2021 14:08 MST)</small></p>

<p>Does the Director of CIPG approve adoption of this program? <i>** Your signature below indicates your approval of the program.</i></p>
<p>Signature  _____ <small>Erica Mason (Jan 21, 2021 16:21 MST)</small></p>

<p>Does the Chief Assessment Officer approve adoption of this program? <i>** Your signature below indicates your approval of the program.</i></p>
<p>Signature  _____ <small>Matt Reynolds (Jan 21, 2021 16:41 MST)</small></p>

<p>Does the Assistant Superintendent approve adoption of this program? <i>** Your signature below indicates your approval of the program.</i></p>
<p>Signature  _____</p>

<p>Does the Board of Education approve adoption of this program?</p>	<p>Yes</p>	<p>No</p>
<p>Date of BOE Meeting _____</p>		
<p>Signature _____</p>		

## Superintendent File: IGA-E-2

**Office use:** The following information is required to build individual courses into Infinite Campus.

Credit Type: ( FNA, PRA, MAT, etc)	
Department Code:	
Course Number:	
Course entered in NCAA database if applicable.	
Update <a href="#">Graduation Competencies</a> course document if applicable for Math and English courses.	
VIP Code:	
CIP Code:	
Add to HEAR list, if applicable.	
Course Mapping SCED code:	
Date entered into Infinite Campus	
Credit amount:	