

PROGRAM: Animation

**PROGRAM
CIP CODE:** 10.0200.60

DESCRIPTION: The **Animation** instructional program prepares the students in developing the process of displaying still images in a rapid sequence to create the illusion of movement. These images can be hand drawn, computer generated or pictures of 3D objects. Though most people associate animation with cartoons, it also has applications in industrial and scientific research. The certifications that a student can leave with from Animation are:

- Adobe Certified Associate in After Effects
- Apple Certified Pro in Motion Level One
- Autodesk Certified Specialist in Maya
- Autodesk Certified Specialist in 3ds Max

The program is designed and delivered as a coherent sequence of school-based and work-based experiences. Leadership skills are developed through the state-recognized Career and Technical Student Organizations FBLA (Future Business Leaders of America) or SkillsUSA.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

Career Preparation

The following describes the recommended Career Preparation courses developed from industry validated skills for initial employment or continued related education. All the state-designated Communication Media Technologies Core Standards and Animation Technical Standards are addressed in this instructional sequence.

- 10.0200.10 **Communication Media Technologies Fundamentals:** This course is an introduction to technical skills and knowledge for a mixture of CMT program areas (Animation, Digital Communications, Digital Photography, Digital Printing, Graphic/Web Design, Film & TV and Music & Audio Production) that are reflected at each school. Instruction will include:
- Analyzing the media industry, business practices and its role in the economy as it relates to Animation.
 - Investigating the Intellectual Property Law and Rights Management as it relates to Animation.
 - Demonstrating verbal and nonverbal communication skills required by the media

industry as it relates to Animation.

- Demonstrating written communication skills within the media industry as it relates to Animation.
- Utilizing computer applications to manage media as it relates to Animation.
- Applying knowledge of data capture and manipulation as it relates to Animation.

(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 10.0200 program, i.e. Digital Communications, Digital Printing, Graphic/Web Design, Digital Photography, Film & TV and/or Music & Audio Production.)

-or-

10.0200.15 **Communication Media Technologies**

Fundamentals: This course is an introduction to technical skills and knowledge for a mixture of CMT program areas (Animation, Digital Communications, Digital Photography, Digital Printing, Graphic/Web Design, Film & TV and Music & Audio Production) that are reflected at each school. Instruction will include:

- Analyzing the media industry, business practices and its role in the economy as it relates to Animation.
- Investigating the Intellectual Property Law and Rights Management as it relates to Animation.
- Demonstrating verbal and nonverbal communication skills required by the media industry as it relates to Animation.
- Demonstrating written communication skills within the media industry as it relates to Animation.
- Utilizing computer applications to manage media as it relates to Animation.
- Applying knowledge of data capture and manipulation as it relates to Animation.

(.15 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 10.0200.60 Animation only.)

-and-

10.0200.60 **Animation I:** This course will prepare the student to integrate pre-production, production, post-production, deliver/distribute, quality assurance and presentation phases of Animation.

-and-

10.0200.65 **Animation II:** This course will be the development of a portfolio with the following projects:

- Classroom
- School
- Community
- Business & Industry

related to Animation.

-or-

10.0200.20 **Digital Printing I:** This course will prepare the student to integrate pre-production, production, post-production, deliver/distribute, quality assurance and presentation phases of Digital Printing.

-or-

10.0200.30 **Graphic/Web Design I:** This course will prepare the student to integrate pre-production, production, post-production, deliver/distribute, quality assurance and presentation phases of Graphic/Web Design.

-or-

10.0200.40 **Digital Communications I:** This course will prepare the student to integrate pre-production, production, post-production, deliver/distribute, quality assurance and presentation phases of Digital Communications.

-or-

10.0200.50 **Digital Photography I:** This course will prepare the student to integrate pre-production, production, post-production, deliver/distribute, quality assurance and presentation phases of Digital Photography.

-or-

10.0200.90 **Film & TV I:** This course will prepare the student to integrate pre-production, production, post-production, deliver/distribute, quality assurance and presentation phases of Film & TV.

-or-

10.0200.00 **Music & Audio Production I:** This course will prepare the student to integrate pre-production, production, post-production, deliver/distribute, quality assurance and presentation phases of Music

& Audio Production.

And program may elect to add:

10.0200.75 **Communication Media Technologies- Internship:** This course provides students an opportunity to apply previously developed knowledge and skills into a structured work experience within the specific option they have studied. This work experience may or may not require classroom instruction, may be paid or unpaid and is available for 12th graders who have completed at least one Carnegie unit of study in the Animation program.

-or-

10.0200.80 **Communication Media Technologies- Cooperative Education:** This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences directly related to the standards identified for the Animation program.

TEACHER CERTIFICATION REQUIREMENTS FOR THE ANIMATION PROGRAM

CAREER PREPARATION: The instructor must be CTE certified according to the following table

Animation	CERTIFICATES
	Types: PCTI, PCTIEP, SCTI, SCTIEP
<p>Note:</p> <ul style="list-style-type: none"> ▪ Communication Media Technologies 10.0200.70 may be a part of the sequence and the teacher must hold a Cooperative Education Endorsement (CEN). ▪ Teacher/Coordinator10.0200.75 is not required to have a Cooperative Education Endorsement (CEN). ▪ Teacher/Coordinator 10.0200.80 is required to have a Cooperative Education Endorsement (CEN). 	

CERTIFICATE ABBREVIATIONS FOR THE ANIMATION PROGRAM
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Certificate Types	
PCTI	Provisional Career and Technical Education Industrial Technology
PCTIEP	Provisional Career and Technical Education Industrial and Emerging Technologies
SCTI	Standard Career and Technical Education Industrial Technology
SCTIEP	Standard Career and Technical Education Industrial and Emerging Technologies