

PROGRAM: **Digital Printing**

**PROGRAM
CIP CODE:** **10.0200.20**

DESCRIPTION: The **Digital Printing** instructional program prepares the students to learn the process of the integration of a new era in printing with digital copiers and presses. Digital printing has caused a paradigm shift in the printing world; making the impossible, possible. It has brought solutions that many print customers needed and offers a variable printing option that now considered essential in the industry. An integrated approach to teaching and learning is recommended as students develop interpersonal relations, career development skills, workplace employability skills and technical knowledge and skills. Students completing this program will be prepared to enter the workforce and/or post-secondary programs where they will be able to apply the skills necessary to be in Digital Printing while also having a strong portfolio to support their knowledge and skill. The program is designed and delivered as a coherent sequence of school-based and work-based supervised learning. Students learn leadership skills and develop their leadership abilities through participation in the state-recognized Career and Technical Student Organization, 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 Digital Photography 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 one specific program area within CMT or a mixture of CMT program areas that are reflected at each school. The focus of the coursework will be in line with the specific industry(ies) that are available and relevant to the student's future plans for post-secondary and/or business & Industry. Instruction will include:

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

Two of the following Career Preparation Programs will be included as part of the instructional sequence for this program. These Standards are to be included in the instructional emphasis for the entire program for the option selected:

-and-

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.

-and-

10.0200.25 **Digital Printing II:** This course will be the development of a portfolio with the following projects:

- Classroom
- School
- Community

related to Digital Printing.

-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-

10.0200.30 **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 **Journalism I:** This course will prepare the student to integrate pre-production, production, post-production, Deliver/Distribute, Quality Assurance, and Presentation phases of Journalism.

-or-

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.

-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 Productions I:** This course will prepare the student to integrate pre-production, production, post-production, Deliver/Distribute, Quality Assurance, and Presentation phases of Music & Audio Productions.

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 Interior Design and Merchandising 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 Design and Merchandising program option.

TEACHER CERTIFICATION REQUIREMENTS FOR THE DIGITAL PRINTING PROGRAM

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

Digital Printing	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/Coordinator 10.0200.75 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 DIGITAL PRINTING PROGRAM

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