DIGITAL PRINTING 10.0200.20
Program Description, Industry Credentials, Coherent Sequence, and Teacher Certification Requirements

PROGRAM DESCRIPTION

The **Digital Printing** instructional program prepares students to manage digital printing operations from initial design to finished product distribution. Students who successfully complete the **Digital Printing** program's coherent sequence of instruction will develop an in-depth understanding of the operation and maintenance of specialized printing equipment; pre-flighting and proofing graphics files; creating print-ready graphics files utilizing applicable digital imaging, graphic design, and page layout techniques; and producing and distributing finished printed products that meet or exceed customer expectations. **Digital Printing** students will explore the history, societal, and economic impact of the digital printing industry and will examine legal and ethical considerations and business best practices unique to digital printing and related industries. Throughout the **Digital Printing** instructional program, students learn and practice valuable real-world skills using real-world digital printing equipment and industry standard graphic design and page layout software to create professional-grade media products.

The **Digital Printing** Career and Technical Education program is delivered as a coherent sequence of courses designed to offer students knowledge and skills that meet the needs of the workplace. The Professional Skills developed by business and industry leaders across Arizona are integrated throughout the program. **Digital Printing** students develop leadership, social, civic, and career skills through participation in the state-recognized Career and Technical Student Organization, SkillsUSA.

The **Digital Printing** instructional program prepares students for entry-level employment, further training, and/or postsecondary education for these and other occupations: Art Director/Designer, Bindery Operator, Bookbinder, Computer Specialist, Copy and Print Associate, Cost Estimator, Customer Service Representative, Cutting and Slicing Machine Setters, Operators, and Tenders; Desktop Publisher, Die Cutter/Foil Stamper Operator, Digital Color Press Operator, Digital Printer Operator, Direct Mail Coordinator, Electronic Prepress Operator, Estimator/Planner, Graphic Designer, Preflight Technician, Prepress Technician, Prepress Worker, Press Manager, Press Operator, Pressman, Print Binding and Finishing Specialist; Print Production Worker, Printer, Printing Machine Operator, Printing Press Operator, Printing Sales Representative, Production Planner/Scheduler, and Screen Printer

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INDUSTRY CREDENTIALS

The following credentials have been approved for the A-F CCR and are CTED eligible for the **Digital Printing** instructional program:

- Adobe Certified Professional (ACP) – Visual Effects & Motion Graphics using Adobe After Effects
- Adobe Certified Professional (ACP) – Multiplatform Animation using Adobe Animate
- Adobe Certified Professional (ACP) – Web Authoring using Adobe Dreamweaver
- Adobe Certified Professional (ACP) – Graphic Design & Illustration using Adobe Illustrator
- Adobe Certified Professional (ACP) – Print & Digital Media Publication using Adobe InDesign
- Adobe Certified Professional (ACP) – Visual Design using Photoshop
- Adobe Certified Professional (ACP) – Digital Video using Adobe Premiere Pro
- OSHA 10 – General

COHERENT SEQUENCE

10.0200.11 – Digital Printing I, **and**

10.0200.20 – Digital Printing II, **and program may elect to add:**

10.0200.25 – Digital Printing III, **or**

10.0200.31 – Digital Printing IV, **or**

10.0200.70 – Digital Printing – DCE (Diversified Cooperative Education) **or**

10.0200.75 – Digital Printing – Internship, **or**

10.0200.80 – Digital Printing – Cooperative Education

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TEACHER CERTIFICATION REQUIREMENTS

The instructor must be ADE/CTE certified in one of the following Certificates:

SCTIET Standard Career and Technical Education Industrial and Emerging Technologies

SSCTEIET Standard Specialized Career and Technical Education Industrial and Emerging Technologies

Note:
- Digital Printing 10.0200.70 (DCE) requires a CTE Teacher to have the Cooperative Education Endorsement (CEN).
- Digital Printing 10.0200.75 (Internship) **does not** require a CTE Teacher to have a Cooperative Education Endorsement (CEN).
- Digital Printing 10.0200.80 (Cooperative Ed.) requires CTE Teacher to be appropriately certified for the program and to have a Cooperative Education Endorsement (CEN).