Focusing Education on the Future!

C A R E E R  P A T H W A Y
P R I N T I N G  T E C H N O L O G I E S

People in the Printing Technologies field work in three stages: prepress, press and finishing. Prepress workers convert artwork and text into a digital format. Press operations involve the actual printing process. In the finishing stage, the workers assemble the printed materials for shipment to the customers.

Major Courses
Students must take THREE pathway concentration courses and ONE additional pathway elective course.

Pathway Concentration Courses (3):
- Business Document Processing
- Fundamentals of Graphic Communications
- Introduction to Graphic Communications (Req)
- Practicum A, Press Operations
- Practicum B, Digital File Preparation

Pathway Elective Courses (1):
- Apprenticeship/Internship
- Digital Media Technology*
- Foundations of Engineering and Technology (formerly Introduction to Technology)
- Fundamentals of Web Design* (formerly Web Page Design)
- Introduction to Animation & 3d Design* (formerly Digital Media Design & Production)
- Printing Technology Laboratory I, II, III
- Other Pathway Concentration Course

Other Recommended Courses
- Chemistry
- Communication Technology
- Entrepreneurship: Building a Business
- Journalism
- Marketing
- Mathematics
- Visual Arts
- Writer’s Workshop

Post-Secondary

Technical Colleges
- Basic Printing Technician
- Commercial Photography
- Desktop Publishing Technician
- Graphic Arts Fundamentals Certificate
- Printing & Graphics Technology

Colleges/Universities
- Commercial Art
- Digital Media
- Graphics, Printing, Graphics Technology
- Paper Science & Engineering
- Printing & Graphics Technology
- Telecommunications Art

Printers, Lithographers, Web Page Designers

Graphics & Printing Equipment Operator
Computer Typography Equipment Operator
Desktop Publishing Specialist
Screen Printing Operator
Printing Broker

Lithographer
Composition Equipment Operator
Press Operator
Platemaker
Animator

Web Page Designer
Sign Production Maker
Prepress Worker
Graphic Designer
Digital Photography

EMPLOYMENT OUTLOOK

Printing Technologies is America’s largest manufacturing industry in terms of establishments, with over 44,000 printing plants in 2003. These plants provide 1.1 million jobs and produce around $157 billion in printed products and services annually.

* Pre-requisites noted in course descriptions.