

## Focusing Education on the Future!



# CAREER PATHWAY PRINTING TECHNOLOGIES

Dual or Tech/Career Seal

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

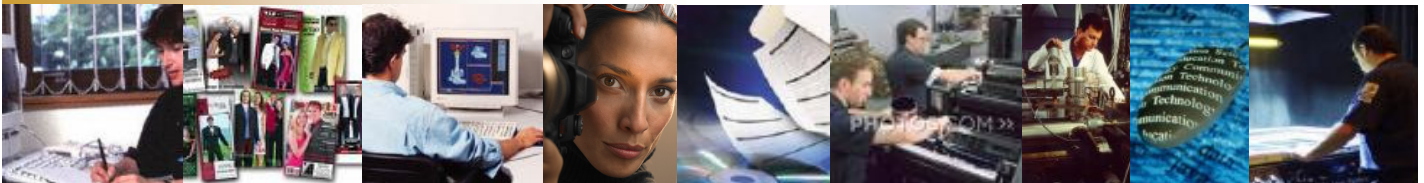
### Post-Secondary

#### 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



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

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### 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.