

In the stripping area students will learn the techniques of stripping multiple images, fitting colors, single and multi-color layouts, and overburns.

In the platemaking area they are taught the proper techniques of making plates, as well as using the exposure device and developing procedures.

Education/Prerequisites – A working knowledge of mathematics is preferred, as well as a basic understanding of physics, chemistry, good reading skills, and hand/eye coordination.



Offset Printing

Offset printing is the technical method in which inked images are offset or transferred from one surface to another.

The 12 month Offset Press course teaches students to operate and maintain offset duplicators and offset presses. Emphasis is placed on the fundamentals of operations such as: general terms, paper feeding, arrangement of cylinders, rollers (inking and dampening) system, pressure adjustments, preliminary preparation, offset inks, press wash-up, troubleshooting and shop safety.

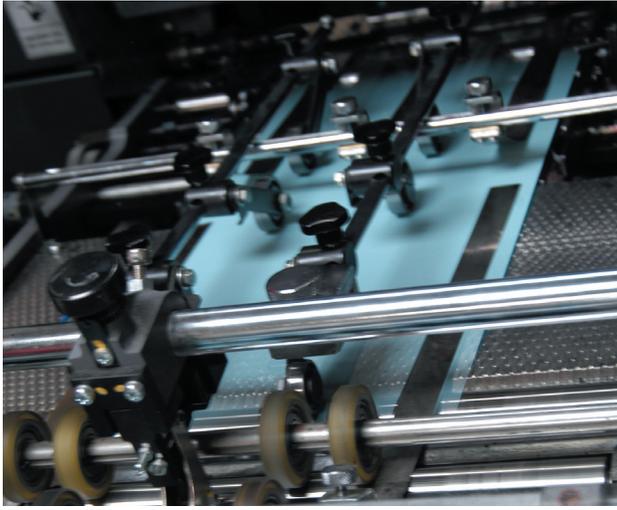
Education/Prerequisites – It is also beneficial for students in this area to have good reading skills, understand written directions, perform basic mathematics and measurements, and have good hand/eye coordination.



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ACTI Printing

Limitless opportunities.



Bindery

The final technical process of Graphic Communications is Bindery – the many operations carried out during or following printing.

Bindery is a 6 month course where students learn such functions as: jogging, collating, stitching, paper drilling, folding, padding, paper cutting, trimming books, identifying basic kinds of papers, and wrapping and packaging.

Educational Prerequisites – It's essential to perform basic mathematics and measurements, as well as good reading skills, following written directions, and good hand/eye coordination.

Employment Opportunities

Students successfully completing one or more phases of Graphic Communications may find employment in commercial printing plants, job shops, newspaper plants, magazine printers, book printers, and industrial settings equipped with printing departments.

Physical Capacity

Good vision and color perception is essential for all phases of the Graphic Communications Course. Students enrolling in either Bindery or Offset Press must have good arm and hand dexterity and the ability to bend, stoop, do moderate to heavy lifting, walking, and standing for long periods of time.



Graphic Communications is the exchange of information in a visual form using words, drawings, and photographs.

The Graphic Communications Industry encompasses a multitude of challenging positions for skilled technical, creative, management, and support personnel. Whether you choose to be technical – operating sophisticated machinery; creative – writing, art and design skills; or management – working with people and supervising the work of others – Graphic Communications can open many doors to success and happiness.

ACTI's Graphic Communications program is designed to provide individuals with the skills, knowledge, and experience to reach these goals successfully.

Electronic Imaging

The creative process of Graphic Communications begins with Electronic Imaging – the art of arranging and organizing graphic elements in a manner both pleasing to the eye and conducive to clear communication.

This 16 month course reaches the basic applications of type and typography, page layout, scanning operations, and graphic design programs. Students are taught using hardware and software recommended by the printing industry.

Education/Prerequisites – It's beneficial for students who have good reading skills, understand written directions, perform basic mathematics and measurements, and have good hand/eye coordination. A high school education is beneficial but not required. It is required that students have Keyboarding 1/Word Processing or the equivalent, with a typing speed of 45 wpm. Students not meeting the prerequisite will be enrolled in Business Education until the prerequisite can be met.

Camera/Stripping/Plate Making

Creative – but a more technical process of Graphic Communications is Camera, Stripping and Plate Making – preparing camera ready artwork for the purpose of printing.

Camera, Stripping and Platemaking is a 12 month course and teaches the basic operations of horizontal and vertical cameras. This includes working with line art, halftones, special effects, diffusion transfer and color separations.