

Alabama CTE Equipment List

This list is based on a classroom size of 25 students and meets minimum standards. All costs are estimated. No specific equipment vendor or brand names are endorsed, but school districts should consult with stakeholders to ensure industry-recognized equipment and software are purchased. The intent of this list is to provide school districts with guidance on the equipment needed to cover the state standards for a Printing Technologies program and are not meant to dictate the number of students that can safely fit in a classroom and/or laboratory.

Cluster: Arts, A/V Technology, and Communications Program: Printing Technologies – Printing

CLASSROOM EQUIPMENT

TOTAL: \$ 10,000

QUANTITY	ITEM DESCRIPTION	UNIT	TOTAL
6	High performance Computers capable of running cloud applications smoothly with current operating system	\$500-\$1,000	\$6,000
1	Laser Printer, color	\$500	\$500
6	Monitors	\$250-\$500	\$3,000
1	Technology- TV/Computer connection with video streaming capability	\$500	\$500

PROGRAM EQUIPMENT (Items over \$250)

TOTAL: \$ 15,200

QUANTITY	ITEM DESCRIPTION	UNIT	TOTAL
1	Offset printing press (single-color or multi-color)	\$5,000-\$20,000	\$5,000
1	Computer-to-plate (CTP) system for plate imaging and processing	\$5,000-\$15,000	\$5,000
1	Paper cutter or guillotine	\$2,000-\$5,000	\$2,000
1	Folding machine	\$1,000-\$5,000	\$1,000
1	Stitcher or saddle stitcher	\$1,000-\$5,000	\$1,000
12	Graphics editing software/app Purchase or Subscription	\$30-\$300	\$600
12	Software-Based Color Proofing System Purchase or Subscription	\$30-\$300	\$600

INSTRUCTIONAL SUPPLIES (Items under \$250)

TOTAL: \$ 2,960

QUANTITY	ITEM DESCRIPTION	UNIT	TOTAL
12	Aprons	\$20-\$40	\$240
Varies	Blankets and Rollers	\$40-\$150	\$500
Varies	Cleaning Supplies (access to sink)	\$20-\$40	\$500

24	Eye Protection	\$5-\$10	\$120
2	Fire Extinguishers	\$40-\$100	\$80
1	First Aid Kit	\$20-\$100	\$20
Varies	Fountain Solution	\$200-\$1,000	\$500
Varies	Inks	\$20-\$40	\$500
Varies	Paper Substrates	\$6-\$24	\$500

OPTIONAL EQUIPMENT/SUPPLIES

ITEM DESCRIPTION
Binding Machines
Collator
Die Cutting Press
Embosser (foil)
Laminator
Perforator

Category Totals:

Classroom Equipment	\$10,000
Program Equipment	\$15,200
Instructional Supplies	\$2,960
Estimated Program Total	\$28,160