

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 – Screen Printing

CLASSROOM EQUIPMENT

TOTAL: \$ 10,000

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

PROGRAM EQUIPMENT (Items over \$250)

TOTAL: \$ 4,100

QUANTITY	ITEM DESCRIPTION	UNIT	TOTAL
1	Flash Dryer	\$250-\$750	\$500
1	Manual Screen-Printing Press (for multi-color designs)	\$2,000-\$5,000	\$3,000
1	UV Exposure Unit (for screen exposure)	\$400-\$1,000	\$600

INSTRUCTIONAL SUPPLIES (Items under \$250)

TOTAL: \$ 3,775

QUANTITY	ITEM DESCRIPTION	UNIT	TOTAL
24	Aluminum or Wooden Screens (mesh count varies)	\$25-\$50	\$600
12	Aprons	\$20-\$40	\$300
Varies	Cleaning Supplies (access to sink)	\$20-\$40	\$500
1	Drying Rack	\$100-\$400	\$250
Varies	Emulsion for Coating Screens	\$20-\$40	\$500
24	Eye Protection	\$5-\$10	\$125
2	Fire Extinguishers	\$40-\$100	\$80
1	First Aid Kit	\$20-\$100	\$20
12	Graphics Editing Software/App	\$30-\$300	\$600
12	Squeegees, various sizes	\$20-\$40	\$300
Varies	T-shirts, Fabric, Paper Substrates	\$6-\$24	\$500

OPTIONAL EQUIPMENT/SUPPLIES

ITEM DESCRIPTION
Hot Press
Shirt Folders

Category Totals:

Classroom Equipment	\$10,000
Program Equipment	\$4,100
Instructional Supplies	\$3,775
Estimated Program Total	\$17,875