

## 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 an Electronics program and are not meant to dictate the number of students that can safely fit in a classroom and/or laboratory.

**Cluster: Manufacturing**  
**Program: Electronics**

**CLASSROOM EQUIPMENT**

TOTAL: \$10,600

QUANTITY	ITEM DESCRIPTION	UNIT	TOTAL
5	Computer/device with Current Operating System	\$1,000	\$5,000
3	File Cabinets	\$100	\$300
1	Industry Simulated Software Package	\$2,500	\$2,500
1	Laser Printer, color	\$300	\$300
1	Technology- LCD projector	\$2,500	\$2,500

**PROGRAM EQUIPMENT (Items over \$250)**

TOTAL: \$6,270

QUANTITY	ITEM DESCRIPTION	UNIT	TOTAL
1	Fire Extinguisher (ABCK)	\$270	\$270
2	Fractional h/p Training Station to include Motors, Generators, and Load	\$3,000	\$6,000

**INSTRUCTIONAL SUPPLIES (Items under \$250)**

TOTAL: \$9,400

QUANTITY	ITEM DESCRIPTION	UNIT	TOTAL
6	½" EMT Bender	\$75	\$450
3	¾" EMT Bender	\$75	\$225
6	Back Support Belt	\$20	\$120
1	Belt Tension Guage	\$40	\$40
1	Bloodborne Pathogen Kit	\$50	\$50
30	Calculator	\$15	\$450
1	Circular Saw	\$60	\$60
6	Claw Hammer	\$20	\$120
1	Cleaning/Chemical Cabinet (Lockable)	\$250	\$250
10	Desoldering Kits	\$15	\$150
6	Digital Handheld DMM, 3 ½" and Overload Protected	\$30	\$180
1	Drill, 1/2" Right Angle	\$250	\$250
2	Dust Pans	\$5-10	\$10
10	Earmuffs	\$20	\$200

2	Electric Drill, 3/8" Variable Speed and Reversible	\$40	\$80
3	Electrical Drawing Template	\$25	\$75
4	Electrician's Bit, 7/8"-Wood	\$50	\$200
4	Electrician's Bit, Wood-3/4"	\$25	\$100
2	Extension Cord, 12/3, 50' (Grounded)	\$50	\$100
1	Extension Ladder	\$250	\$250
30	Eye Protection (Pack of 12-OSHA Standard)	\$15	\$45
2	Eye Rinse Stations	\$115	\$230
3	Fire Blankets (with Case)	\$100	\$100
1 per room	First Aid Kit	\$20	\$20
1	Fish Tape (100')	\$25	\$25
3	Flammable Material Storage Locker	\$200	\$600
2	Flashlight	\$20	\$40
2	Floor Squeegee	\$20	\$40
2	Fuse Puller	\$20	\$40
2	Garbage Can (with Casters)	\$75	\$75
As needed	Gloves (Disposable)	\$15	\$15
7	Hack Saw (Adjustable 10" – 12")	\$30	\$210
1	Handsaw	\$15	\$15
10	Hard Hat	\$50	\$500
10	Hard Hat Mount Earmuff (21-decibels)	\$40	\$400
1	Hazardous Skill Response Kit	\$50	\$50
30	Heavy Duty Work Gloves (S-M-L)	\$20	\$600
3	Low Voltage System/Bell/Chimes, Transformer, Push Buttons	\$15	\$45
2	Mop	\$20	\$40
1	Mop Bucket	\$50	\$50
1	OSHA "Right to Know" Compliance Kit	\$100	\$100
5	Photo Electric Cell and Light	\$50	\$250
6	Pliers	\$15	\$90
6	Pliers (Heavy Duty Diagonal Cutting 7" or 8")	\$25	\$150
6	Pliers, Lineman (8" or 9")	\$25	\$150
6	Pliers, Long Nose (7" or 8")	\$15	\$90
2	Protective Facial Shield	\$25	\$250
2	Punch and Chisel Set	\$40	\$80
4	Safety Can (Solvents, Rags, etc.)	\$100	\$400
2	Saw (Portable Band)	\$250	\$500
10	Screwdriver	\$20	\$200
15	Soldering Irons (40-Watt)	\$35	\$525
1	Tap and Dye Set (Standard or Metric)	\$100	\$100
100	Uncorded Ear Plugs	\$15	\$15

**Category Totals:**

Classroom Equipment	\$10,600
Program Equipment	\$6,270
Instructional Supplies	\$9,400
<b>Estimated Program Total</b>	<b>\$26,270</b>