

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

### Cluster: Architecture and Construction

### Program: Masonry

#### CLASSROOM EQUIPMENT

TOTAL: \$8,300

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

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

TOTAL: \$23,850

QUANTITY	ITEM DESCRIPTION	UNIT	TOTAL
1	Air Compressor (30-60 Gallon Tank with Minimum of Four Horsepower)	\$1,200	\$1,200
1	B&S Concrete Mixer (5 Horsepower)	\$3,500	\$3,500
4	Eight Frame Scaffold with Braces (4' x 5')	\$1,200	\$4,800
1	Electric or Gas Motor Mixer	\$3,500	\$3,500
1	Gas-powered Demolition Saw (14" Minimum)	\$1,600	\$1,600
1	Laser or Transit Level	\$400	\$400
1	Metal Door Frame	\$350	\$350
2	Mortar Box	\$250	\$500
1	Stationary Masonry Saw (Five Horsepower with 14" Blades)	\$8,000	\$8,000

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

TOTAL: \$18,382

QUANTITY	ITEM DESCRIPTION	UNIT	TOTAL
3	Abrasive Blade	\$25	\$75
1	Allen Wrench Set	\$50	\$50
1	Aluminum Windows (3' x 52" or 55" and 2' x 4')	\$150	\$150
2	Assorted Brick Lintel	\$40	\$80
1	Bloodborne Pathogen Kit	\$50	\$50
1	Box-end Wrench Set (3/8" – 1" and 3/8" – 1 3/4")	\$50	\$50
3	Braided Line (500')	\$20	\$60

20	Brick Hammer (15 oz.)	\$35	\$700
12	Brick Set (4")	\$20	\$240
25	Brick Spacing Rule	\$30	\$750
5	Brick Tongs	\$20	\$100
25	Brick Trowel	\$40	\$1,000
2	Carbide Masonry Drill Set	\$50	\$100
2	Caulking Gun	\$15	\$30
2	Cement Trowel	\$50	\$100
4	Chalk Line Reel	\$10	\$40
1	Circular Saw (7 1/4")	\$150	\$150
8	Claw Hammer (16 oz.)	\$20	\$160
2	Cold Chisel (1/2")	\$15	\$30
100	Concrete Block (12")	\$2	\$200
200	Concrete Block (4")	\$1	\$200
150	Concrete Block (6")	\$1.10	\$165
200	Concrete Block (8")	\$1.50	\$300
300	Concrete Pavers	\$1.50	\$450
2	Cross Cut Saw (1-8 point and 1-10 point)	\$40	\$80
5	Curve-in Edger	\$30	\$150
2	Diamond Tip Blade (14")	\$150	\$300
2	Electric Reversible Hammer Drill (1/2")	\$150	\$300
30	Eye Protection (Pack of 15-OSHA Standard)	\$30	\$60
3	Fire Blankets (with Case)	\$100	\$100
70	Fire Block	\$4	\$280
100	Fire Brick	\$1	\$100
1	Fire Extinguisher (ABCK)	\$200	\$200
3	Flammable Material Storage Locker	\$200	\$600
12	Flat Square (16" x 24")	\$15	\$180
1	Flatbed Wheelbarrow	\$100	\$100
3	Flue Liner	\$40	\$120
12	Folding Rule (6')	\$15	\$180
10	Foundation Vent	\$10	\$100
25	Glass Block	\$5	\$125
2	Grounded 3/12 Guage Extension Cord (50')	\$50	\$100
2	Hacksaw	\$20	\$40
500	Half Brick	.50	\$250
5	Hand Jointer V	\$20	\$100
1	Hazardous Skill Response Kit	\$50	\$50
5	Heavy Duty Convex Jointer	\$20	\$100
3000	Hollow Brick	.50	\$1,500
12	Joint Raker	\$15	\$180
1	Large Bolt Cutter	\$110	\$110
12	Level with Hand Holes and Brass Bands (24")	\$50	\$600
12	Level with Hand Holes and Brass Bands (48")	\$65	\$780

12	Line Block	\$3	\$36
12	Margin Trowel	\$20	\$240
25	Modular Rule	\$30	\$750
20	Mortar Board	\$25	\$500
25	Mortar Board Stand	\$50	\$1,000
1	Open-end Wrench Set (3/8" – 1" and 3/8" by 1 1/4")	\$75	\$75
1	OSHA "Right to Know" Compliance Kit	\$100	\$100
1	Phillips Offset Screwdriver	\$25	\$25
3	Phillips Set Screwdriver	\$50	\$150
1	Pick Mattock	\$40	\$40
2	Pig-tail Jointer	\$20	\$40
1	Plastering Trowel	\$50	\$50
2	Plugging Chisel	\$25	\$50
2	Plumb Bob	\$25	\$50
25	Pointing Trowel	\$15	\$375
12	Round Convex Sled Runner	\$20	\$240
6	Round Point Shovel (47")	\$40	\$240
4	Safety Can (Solvents, Rags, etc.)	\$100	\$400
2	Sledgehammer	\$50	\$100
2	Sledgehammer (1 lb.)	\$30	\$60
2	Sledgehammer (2 lbs.)	\$30	\$60
1	Small Bolt Cutter	\$110	\$110
1	Socket Set (1/2")	\$50	\$50
1	Socket Set (3/8")	\$50	\$50
6	Square Point Shovel (47")	\$40	\$240
3	Standard Set Screwdriver	\$50	\$150
2	Steel Tape (100')	\$50	\$100
2	Steel Tape (50')	\$30	\$60
20	Tapered Line Pin (4" x 3/4")	\$1	\$20
2	Tin Snips (16 1/2")	\$30	\$60
8	Torpedo Level	\$10	\$80
12	Trig Pin	.50	\$6
1	Tripod	\$150	\$150
5	V Sled Runner	\$20	\$100
6	Vise Grip or C-Clamp Plier (7")	\$20	\$120
4	Water Hose (100')	\$50	\$200
6	Wheel Barrow (5 3/4 Cubic Feet)	\$150	\$900
12	Wire Brush (Handheld)	\$15	\$180
6	Wood Archer Center (Assorted Sizes)	\$75	\$450
1	Wrecking Bar (3/4 x 30")	\$20	\$20

**OPTIONAL EQUIPMENT/SUPPLIES**

<b>ITEM DESCRIPTION</b>
CNC System
Simulator
Trainer

**Category Totals:**

Classroom Equipment	\$8,300
Program Equipment	\$23,850
Instructional Supplies	\$18,382
<b>Estimated Program Total</b>	<b>\$50,532</b>