

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

Cluster: Manufacturing
Program: Additive Manufacturing

CLASSROOM EQUIPMENT

TOTAL: \$36,200

QUANTITY	ITEM DESCRIPTION	UNIT	TOTAL
25	Computer Table w/Additional Workspace and Chair	\$200	\$5,000
25	Computer/Device with Current Operating System	\$1,000	\$25,000
3	File Cabinets	\$100	\$300
1	Industry Related (simulation) Software Package	\$2,500	\$2,500
1	Laser Printer, color	\$300	\$300
1	Scanner	\$600	\$600
1	Technology- LCD projector	\$2,500	\$2,500

PROGRAM EQUIPMENT (Items over \$250)

TOTAL: \$3,000

QUANTITY	ITEM DESCRIPTION	UNIT	TOTAL
1	3-D Printer	\$3,000	\$3,000

INSTRUCTIONAL SUPPLIES (Items under \$250)

TOTAL: \$715

QUANTITY	ITEM DESCRIPTION	UNIT	TOTAL
25	Circle Template	\$20	\$500
2	Dust Pans	\$5-10	\$10
2	Garbage Can (with Casters)	\$75	\$75
2	Mop	\$20	\$40
1	Mop Bucket	\$50	\$50
2	Floor Squeegee	\$20	\$40

Category Totals:

Classroom Equipment	\$36,200
Program Equipment	\$3,000
Instructional Supplies	\$715
Estimated Program Total	\$39,915

Equipment List aligns with the Alabama Manufacturing Course of Study Standards adopted in 2021