

**AGRICULTURAL MECHANICS TECHNOLOGY**

This recommended list is based upon a classroom size of 25 students. All costs are estimated and should be adjusted and verified with current quotes. No specific equipment vendor or brand names are endorsed due to various possibilities, and 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 Agricultural Mechanics Technology program.

**CLASSROOM EQUIPMENT****TOTAL: \$18,440**

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	Student Workstations w/chairs	\$400	\$10,000
1	Teacher Workstation w/chair	\$400	\$400
1	Teacher Computer (enhanced graphics/memory/storage, download capable)	\$2,500	\$2,500
1	Presentation Equipment (e.g., interactive whiteboard (IWB), or other interactive display system with software and accessories)	\$3,000	\$3,000
1	Networkable Laser Printer (black/white or color)	\$400	\$400
1	Vertical File Cabinet (lockable)	\$330	\$330
2	Storage Cabinets (36" x 12" x 72") (lockable)	\$300	\$600
2	Bookcases (36" x 12" x 42")	\$115	\$230
2	White Boards (4' x 8')	\$110	\$220
1	Eyewash Station	\$300	\$300
2	Fire Extinguishers	\$130	\$260
1	Sink with Soap Dispenser	\$100	\$100
1	First Aid Kit	\$100	\$100

**PROGRAM EQUIPMENT****TOTAL: \$123,300**

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	Student Computers (enhanced memory/speed)	\$1,500	\$37,500
1	Technology Storage/Charging System (optional)	\$2,000	\$2,000
1	Hydraulics Trainer	\$10,000	\$10,000
10	Welding Stations/Booths	\$3,000	\$30,000
5	Gas Tungsten Arc Welders (GTAW)	\$1,600	\$8,000
5	Cutting Tables	\$1,500	\$7,500
5	Gas Metal Arc Welders (GMAW)	\$1,200	\$6,000
10	Shielded Metal Arc Welders (SMAW)	\$1,000	\$10,000

**PROGRAM EQUIPMENT (CONT.)**

QTY	ITEM DESCRIPTION	UNIT	TOTAL
5	Plasma Cutters	\$1,000	\$5,000
1	Storage Cabinet for Sanitized Eye Protection Equipment	\$800	\$800
5	Oxy-fuel Welders/Cutting Equipment	\$600	\$3,000
5	Small Gas Engines	\$600	\$3,000
1	Secure Gas Storage with Fencing	\$500	\$500

**INSTRUCTIONAL MATERIALS****TOTAL:****\$3,000**

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	Student Textbooks (Approved by NDE)	\$100	\$2,500
1	Teacher Textbook Edition and Resources	\$500	\$500

**INSTRUCTIONAL SUPPLIES****TOTAL:****\$17,250**

QTY	ITEM DESCRIPTION	UNIT	TOTAL
Varies	Welding Tools (clamps, slag hammers, electrode tip cleaners, flint strikers, carts, etc.)	\$4,000	\$4,000
Varies	Welding Materials (electrodes, metal, wire, gas, etc.)	\$3,000	\$3,000
Varies	Personal Safety Equipment (welding hoods, gloves, ear protection, and aprons)	\$2,500	\$2,500
Varies	Basic Tools (pliers, hammers, screwdrivers, chisels, tape measures, etc.)	\$2,000	\$2,000
Varies	Lockable Toolboxes	\$1,500	\$1,500
Varies	Power/Hand Tools (electric grinders and wheels, drills, saws, sanders, etc.)	\$1,500	\$1,500
Varies	Small Engine Tools (lubrication, cooling fuel and compression related)	\$750	\$750
Varies	Electrical Supplies (circuits, wiring, multimeter, breakers, etc.)	\$500	\$500
Varies	Lab Safety Supplies (glasses, brooms, garbage cans, gloves, etc.)	\$500	\$500
Varies	Pipe Fitting Tools (wrenches, pipe, threaders, etc.)	\$500	\$500
Varies	Computer Accessories (cases, covers, etc.) (optional)	\$500	\$500

**OTHER**

**TOTAL:**

**\$300**

QTY	ITEM DESCRIPTION	UNIT	TOTAL
1	Occupational Safety and Health Administration (OSHA) Instructor Training	\$300	\$300

**CATEGORY TOTALS:**

CLASSROOM EQUIPMENT	\$18,440
PROGRAM EQUIPMENT	\$123,300
INSTRUCTIONAL MATERIALS	\$3,000
INSTRUCTIONAL SUPPLIES	\$17,250
OTHER	\$300
<b>ESTIMATED PROGRAM TOTAL</b>	<b>\$162,290</b>