

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

Cluster: Health Science
Program: Health Science

REQUIRED EQUIPMENT	TOTAL NUMBER REQUIRED	EQUIPMENT Estimated Cost (based on quantity of one)	SUPPLIES* Estimated Cost (*quantity needed based on student enrollment)
CLASSROOM			
Computers with current operating system	1 per 2 students	\$1,200.00	
Laser, Deskjet Printer	1	\$250.00	
White Board (or equivalent)	1	\$350.00	
Technology-Interactive Presentation System	1	\$400.00	
LABORATORY			
Eye Wash Station	1	\$80.00	
Sink/Running Water (Must have access)	1	\$1,800.00	
Stethoscopes - Dual Head	5	\$25.00	
Teaching Stethoscope	minimum 1	\$30.00	
Sphygmomanometers/cuffs	5	\$45.00	
Thermometer (oral/electronic)	1	\$292.00	
Thermometer (tympanic electronic)	1	\$75.00	
Thermometer (Temporal)	1	\$30.00	
Thermometer Probe Covers	quantity as needed		\$40.00
Large Wall Clock with second hand	1	\$30.00	
Adult Patient Teaching Manikin	minimum 1	\$2,600.00	
CPR Infant Manikin with feedback	1	\$185.00	
CPR Adult Manikin with feedback	1 per 2 students	\$185.00	
Automated External Defibrillator (AED) Trainer	1	\$525.00	
Hospital Bed (Electric or Semi-Electric)	minimum 1	\$3300.00	
Bedside Cabinet	1 per bed unit	\$400.00	
Overbed Table	1 per bed unit	\$125.00	
Wheelchair	1	\$400.00	
Gait Belt	1	\$25.00	
Walker	1	\$75.00	
Rolling Stretcher	1	\$1,700.00	
Anatomical Charts	quantity as needed	\$30.00	
Anatomical Models – Various	minimum 1	\$300.00	
Human Torso	1	\$860.00	
Skeleton, Adult Human	1	\$630.00	
Biohazard Waste Receptacle	1	\$30.00	

Biohazard Bags	quantity as needed		\$15.00
Biohazard Sharps Container	1	\$15.00	
Fire Extinguisher ABC	1	\$65.00	
Snellen Eye Chart	1	\$25.00	
Scales with Height Measure	1	\$490.00	
Microscope	1	\$500.00	
FIRST AID/PERSONAL PROTECTIVE EQUIPMENT			
Safety Precautions Signage	quantity as needed		\$10.00
Isolation Gowns	quantity as needed		\$40.00
Gloves (Non-Sterile and Sterile)	quantity as needed		\$21.00
Masks, Goggles, or Face Shields	quantity as needed		\$86.00
CPR Mouth Shields (various types)	quantity as needed		\$34.00
Triangular Bandages	quantity as needed		\$1.00
Tourniquet C-9	quantity as needed		\$70.00
Gauze Bandages (various sizes)	quantity as needed		\$4.00
Roller Bandages (various sizes)	quantity as needed		\$4.00
Padded Board Splints or materials to make splints	quantity as needed		\$8.00
Tape – various types	quantity as needed		\$8.00
Bandage Scissors	quantity as needed		\$6.00
Alcohol Preps	quantity as needed		\$10.00
Reflex Hammer	quantity as needed		\$6.00
Pen Lights	quantity as needed		\$3.00
Tongue Depressors	quantity as needed		\$8.00
Antiseptic Solutions	quantity as needed		\$10.00
Antimicrobial Sprays/Wipes	quantity as needed		\$6.00
Steristrips or Butterfly Bandages	quantity as needed		\$12.00
Band aides (various sizes)	quantity as needed		\$4.00
Cold Packs	quantity as needed		\$2.00
Elastic Wraps	quantity as needed		\$2.00
IV Bag and IV Tubing	quantity as needed		\$7.00
IV Pole	1	\$300.00	
Crutches (set)	1	\$45.00	
Cervical Collar	1	\$45.00	
Spinal Immobilization Device, or Backboard (CPR)	1	\$200.00	
PATIENT CARE ITEMS			
Toothpaste (oral care items)	quantity as needed		\$4.00
Liquid Bath Soap	quantity as needed		\$4.00
Toothbrush	quantity as needed		\$1.00
Water Pitcher and Cup	quantity as needed		\$5.00
Bath Basin	1	\$5.00	
Bedside Commode	1	\$140.00	
Bedpan	1	\$20.00	
Urinal or Urine Hat Container	1	\$3.00	
Foley Catheters with Drainage Bag Set Up	1		\$20.00
Suction Catheter	1		\$30.00
Feeding Tubes (N/G and Gastrostomy)	1		\$30.00
Oxygen Cannula or Masks and Tubing	1		\$5.00
Spirometry	1	\$15.00	

Soiled Linen Container	1	\$270.00	
Emesis Basin	1	\$3.00	
Syringes (various sizes)	quantity as needed		\$20.00
Patient Privacy Curtain or Screen	1	\$230.00	
Hospital Gowns	2 per patient manikin		\$10.00
Blankets	2 per bed unit	\$25.00	
Pillows	2 per bed unit	\$12.00	
Draw Sheet	2 per bed unit	\$14.00	
Fitted Sheet	2 per bed unit	\$22.00	
Flat Sheet	2 per bed unit	\$25.00	
Pillowcase	2 per bed unit	\$7.00	
SPORTS MEDICINE COURSE			
(In addition to required Health Science Equipment)			
Portable Medical Kit Bag (Sports Medicine)	1	\$100.00	
Exercise Equipment (Assorted for Sports Medicine)	quantity as needed	\$350.00	
Sports Medicine Tables, Mats	quantity as needed	\$700.00	
Sports Medicine Mats	quantity as needed	\$40.00	
Therapeutic Modality Devices	Minimum 1	\$700.00	
Splint bags	quantity as needed		\$70.00
Athletic Tape	quantity as needed		\$40.00/case
Pre-wrap	quantity as needed		\$80.00/case
Heel and lace pads with lubricant	quantity as needed		\$80.00/case
Theraband	quantity as needed	\$30.00	
Theratubing	quantity as needed	\$20.00	
Goniometer	quantity as needed	\$9.00	
Crutches	1	\$50.00	
SPORTS MEDICINE COURSE-OPTIONAL EQUIPMENT			
Concussion Simulation Kit	quantity as needed	\$1500.00	
DENTAL ASSISTING COURSE			
Dental chair and mounted unit with light	1	\$10,000.00	
Set of full mouth radiographs images	1		Google
Dentiform study models	Minimum 1	\$800.00	
Disposable covers/barriers	quantity as needed		\$14.00
Napkin/drape with clips for securing	quantity as needed		\$70.00
Instrument tray (Dental)	quantity as needed	\$17.00	
Basic set up (explorer, mouth mirror, cotton pliers, perio probe)	quantity as needed	\$75.00	
Saliva ejectors	quantity as needed		\$25.00
Air/water syringe	quantity as needed	\$180.00	
Air/water syringe disposable tips/sleeves	quantity as needed		\$30.00
Alginate impression set-up	quantity as needed		\$150.00
Maxillary or mandibular arch trays	quantity as needed	\$50.00	
Lab knife(s)	quantity as needed	\$8.00	
Stone or plaster	quantity as needed	\$40.00	
Amalgam restoration tray	quantity as needed	\$10.00	
Flexible mixing bowl with laboratory spatula	quantity as needed	\$13.00	
Graduated cylinder	quantity as needed	\$30.00	
Scalers	quantity as needed	\$20.00	
Fluoride tray	quantity as needed		\$17.00

EQUIPMENT/SUPPLIES-OPTIONAL			
Video Camera	1	\$225.00	
Interactive Multimedia/Anatomical Models	quantity as needed	\$3,000.00	
Advanced Patient Care Simulator/Trainer	quantity as needed		
Washer/Dryer	1	\$1,000.00	
Otoscope	1	\$150.00	
X-Ray Light Box and X-Ray Mounts	1	\$270.00	
Ophthalmoscope	1	\$150.00	
Stethoscopes – Specialized	2	\$100.00	
EKG Machine	1	\$4,000.00	
Autoclave and Wrapping Supplies	1	\$2,500.00	
Audiometer	1	\$1,400.00	
Digit Pulse Oximeter	1	\$130.00	
IV Training Arm	1	\$960.00	
Blood Pressure Simulator	1	\$1,750.00	
EKG Simulator	1	\$1,200.00	
Head Immobilizer	1	\$150.00	
Quad Cane	1	\$58.00	
Denture Cup with Lid	1	\$5.00	
Various Surgical Instruments	quantity as needed	\$20.00	
Baby Bassinet	1	\$950.00	
Simulated Blood Typing Kit	1		\$75.00
Centrifuge	1	\$560.00	
Blood Sugar Monitor and Test Strips	1	\$125.00	
Telephone or Access	1	\$60.00	
Fax Machine or Access	1	\$100.00	
Animal Manikin	1	\$450.00	
Oral and Nasopharyngeal Airways	1	\$25.00	
Microscope slides (pre-stained or ready for preparation)	quantity as needed		\$25.00
Stains for Blood & Bacteria	quantity as needed		\$20.00
Culture Media	quantity as needed		\$50.00
Test Tubes	quantity as needed		\$25.00
Reagent Test Strips	quantity as needed		\$25.00
Instant Eye Wash	quantity as needed		\$15.00
Laptop	quantity as needed	\$1,500.00	
Bedside Laptop Cart	1	\$775.00	
Medical Headwall System	1	\$1,375.00	
Cubical Curtain	quantity as needed	\$300.00	
Vital Signs Monitor with BP, Temp, O2 Sat, & Mobile Stand	1	\$3,700.00	
Simulation Charting & Information Management System	1	\$800.00	
Interactive Smartboard or Whiteboard	1	\$7,000.00	