

**ENGINEERING AND TECHNOLOGY EDUCATION  
MINIMUM EQUIPMENT LIST  
REVISED July 20, 2012**

**TECHNICAL LABORATORY:** 1500 square foot

**INSTRUCTIONAL EQUIPMENT**

- Laser Printer/Scanner/Copier
- DeskJet Print
- LCD Projector
- Document Camera
- Teacher Computer and Classroom Set of 24 Computers (1 per student)
- Structural Analyzer (digital readout for bridges or towers)
- Dragster Test Track (digital time readout)
- Wind Tunnel
- 14 - Global Positioning Systems (handheld, waterproof, with base map)
- 14 – Student Robotics Kits (remote and autonomous)

**SOFTWARE**

- Microsoft Office Suite (Word, PowerPoint, Excel) - 25 computers
- Classroom Management Software (Vision, School Vue, Etc.) - 25 computers

**HAND AND POWER TOOLS**

- 2 - Drill Press (Radial)
- 2 - Cordless Set (drill, circular saw, reciprocating saw, impact)
- 2 - 14" Band Saws
- 2 - Scroll Saws
- Portable Dust Collection System
- Compressor/Air Hoses (3hp - 25 gallon)
- Essential Hand Tool Kit including metal and wood working tools

**RECOMMENDED ADDITIONAL EQUIPMENT (Not required but desperately needed)**

- CNC laser engraver/cutter, 30 watt with 360 degree rotary travel, exhaust system, and software
- FasTrak Elevated CO2 Dragster Racetrack
- Air-Powered Dragster Launcher
- Air Powered Rocket Launcher
- 3D Printer
- Vinyl Cutter

- SawStop 10" Tablesaw